SCDOT

South Carolina Department of Transportation

SELL CAS Study
and
Questions and Answers

CONCEPTUAL ALTERNATIVES STUDY

Southern Evacuation Lifeline (SELL)

Horry County, South Carolina

September 2023

Prepared for:
Horry County
South Carolina Department of Transportation

Prepared by:

Civil Engineering Consulting Services, Inc.

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1 INTRODUCTION

1.1 OVERVIEW

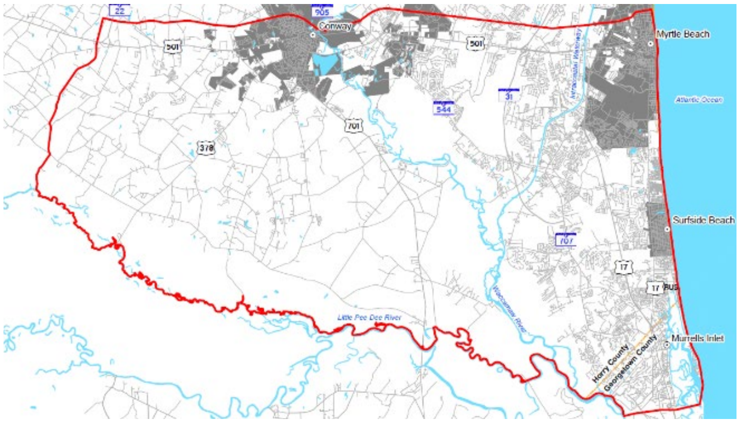


Figure 1: Southern Evacuation Lifeline Study Area

Horry County recognizes the need to have an additional evacuation route leading inland from the coast in the event of a major storm or hurricane. Known as the Southern Evacuation Lifeline (SELL), the project has undergone a number of iterations since its inception in 2003. The road is proposed to be an approximate 28-mile, new location and along existing alignments, highway that would provide a more direct route to the west from the southern portion of the Grand Strand while simultaneously completing a beltway around Myrtle Beach to connect with South Carolina Highway 22 (SC 22). The project study area (PSA) includes a portion of Horry County and a small portion of Georgetown County, see **Figure 1: Southern Evacuation Lifeline Study Area.**

A Draft Environmental Impact Study (DEIS) was completed in 2008 that examined alternatives involving new location roadways, current roadways, or a combination of existing infrastructure and new construction. The DEIS ultimately recommended a new location roadway beginning at US 17 at Surfside Beach, stretching north and ending at US 501 northeast of Conway. The Recommended Alternative included the construction of a bridge over the Waccamaw River as well as five major interchanges at US 17, US 701, US 378, SC 707, and US 501.

Due to development in the area and extended time since the DEIS, the project is being re-evaluated by Horry County, in cooperation with the South Carolina Department of Transportation (SCDOT). Funding is currently identified for limited environmental studies and right-of-way acquisition and funded by Horry County's Road Improvement and Development Effort (RIDE) III program.

The purpose of the Conceptual Alternatives Study is to provide guidance in early planning and evaluation of the proposed SELL routes and future potential funding plans. The guidance is intended for use by Horry County in consultation with SCDOT. The result of the Conceptual Alternative study is a final report that details the project information and requirements that may be necessary to prepare a future application for a permit or development through the state project development process. Resources were assessed at a conceptual level; additional study may be needed. The study process is a streamlined planning and environmental screening process that provides an approximate comparison of alternatives, potential costs, community benefits, and economic development, as well as many different public interest review factors that are affected by each alternative. It also considers various levels of environmental effects of each alternative such as impacts to wetlands, streams, and wildlife. This study will not identify a preferred alternative.

1.2 Background

The SELL project was originally studied and evaluated in the early 2000's with a purpose to meet the needs of improved hurricane evacuation, congestion relief, and improved access to needed services in the South Strand, east and west of the Waccamaw River through the creation of an approximately 28 mile long newly constructed freeway. In August of 2008, a completed and signed DEIS was published which included 28 alternatives which were evaluated with a preferred alternative being chosen at the time. Since the completion of the DEIS new major actions have occurred within the PSA resulting in the necessity to assess new alternatives. For example, new road projects have been constructed or are proposed to be constructed within the PSA. Existing neighborhoods and communities have expanded and new businesses have opened. Due to development in the area, a re-evaluation of the preferred alternative will be necessary.

No federal funds have been designated or identified for the proposed SELL project. As a result of no federal funding, the Federal Highway Administration (FHWA) is no longer the lead agency for the project. If the project is further developed past the Conceptual Alternatives Study, permitting under the Clean Water Act would be required and the U.S. Army Corps of Engineers (USACE) would likely serve as the lead federal agency. Funding for the Conceptual Alternatives Study has been designated and identified within the RIDE III program. The RIDE III program is a tax program created within Horry County to fund a list of road projects within the county that would be funded by a 1% Sales Tax. The sales tax went into effect on May 1, 2017 and will last for 8 years or until April 30, 2025. The eight-year projection revenues from the 1% Sales Tax are estimated to be $592 million. From this estimated revenue, the SELL project has been designated $25 million to be used to further assess and develop the project.

1.3 Existing Facility

According to the U.S. Census Bureau, Horry County was one of the 50 fastest growing counties in the nation between 2010 and 2017. Based on the U.S. Census conducted in 2020, the county population was 351,029. Horry County is projected to have a population of 423,270, including seasonal population, by the year 2040.

The proposed project is located primarily in the western half of Horry County, South Carolina. At 1,134 square miles, Horry County is the largest in South Carolina by land mass and the fourth most populous county in the state with a population of 365,579 in 2021.[1] Land use outside of existing metropolitan areas remain in use for silviculture or small-scale agricultural and is primarily dominated by swamps, wetlands, and streams; however, land to the east of the Waccamaw River is densely developed with subdivisions, golf courses, and commercial parcels.

There are ten primary roadways within the proposed project corridors that may be used or impacted by the proposed project. Descriptions of the existing conditions are below.

[1] https://www.census.gov/quickfacts/fact/table/horrycountysouthcarolina/BZA110220

- US 501 is a northwest-southeast route from I-95 to Myrtle Beach collecting traffic from I-95 and areas north of the I-20 corridor. It is the primary route for tourist traffic through Conway. US 501 at SC 22 exists as a four-lane divided highway with grass median for approximately 5.14 miles before transforming into a five-lane highway with concrete median/two-way left turn lane (TWLTL). Through Conway, US 501 remains a five-lane roadway with TWLTL and additional turn lanes as necessary at major intersections. As US 501 crosses the Waccamaw River, the road narrows and a jersey barrier is present. Once across the Waccamaw River, US 501 widens to include a paved median/TWLTL. Planted medians are present in various locations.

- US 378 is a spur of US 78 that begins in Washington, Georgia and stretches east-west across South Carolina to US 501 in Conway. This route primarily collects traffic from Columbia and the surrounding areas, but is used as an alternate route to Conway when US 501 is over capacity. The road currently exists as a five-lane paved section expanding west out of Conway as a two-lane section with grassed shoulders.

- US 701 extends from Georgetown to eastern North Carolina and intersects US 501 at US 378. The highway through the proposed project area currently exists as a two-lane section through the study area, expanding to a four-lane section south of Conway near Tiger Drive.

- SC 544 begins in Conway at the intersection of French Collins Road and US 501 Business and continues south to its intersection with (US 17 Business/Ocean Lakes Drive. The road connects downtown Conway to South Myrtle Beach/Surfside Beach. Through the project corridor, SC 544 exists as a five-lane roadway with paved median/TWLTL. Dedicated turn lanes are in place at major intersections.

- Holmestown Road connects SC 707 to US 17 south of the City of Myrtle Beach and is a five-lane roadway with paved median/TWLTL. Holmestown Road is primarily used to access residential development on the eastern edge of the Waccamaw River.

- SC 707 is located in Horry and Georgetown counties. It begins at US 17 Business in the Myrtle Beach metropolitan area and ends at an interchange with US 17 south of Garden City Beach. Through the project corridor, SC 707 exists as five-lane roadway with paved median/TWLTL at the beginning of the roadway then changes to a four-lane roadway with paved median/one-way left turn lane at the end of the roadway. Dedicated turn lanes are in place at major intersections.

- SC 22, also known as Conway Bypass and Veteran’s Highway, is a four-lane roadway that connects US 501 north of Conway to US 17 on the north end of Myrtle Beach. Through the project corridor, Conway Bypass exists as four-lane roadway with a grass median.

- Conway Perimeter Road is a proposed roadway to be constructed in the near-term future that would serve as an extension of El Bethel Road, connecting US 378 to US 701. The proposed roadway would be 4 lanes, with a grass or paved median, and turning lanes at the intersections.

- El Bethel Road is a 1.30-mile roadway that begins at US 501 north of Conway and connects to US 378 west of Conway. Through the project corridor, El Bethel Road exists as four-lane roadway with a grass median. The roadway is part of the Conway Perimeter Road Project with the goal of connecting US 378 to US 701.

- US 17 also known as the Coastal Highway is a north-south highway that begins in Virginia and ends in Florida. This 1,206-mile highway runs along the Atlantic coast and serves a large number of metropolitan areas including but not limited to Myrtle Beach and Charleston. Within the PSA, US 17 exists as a four-lane divided highway with a grass median.

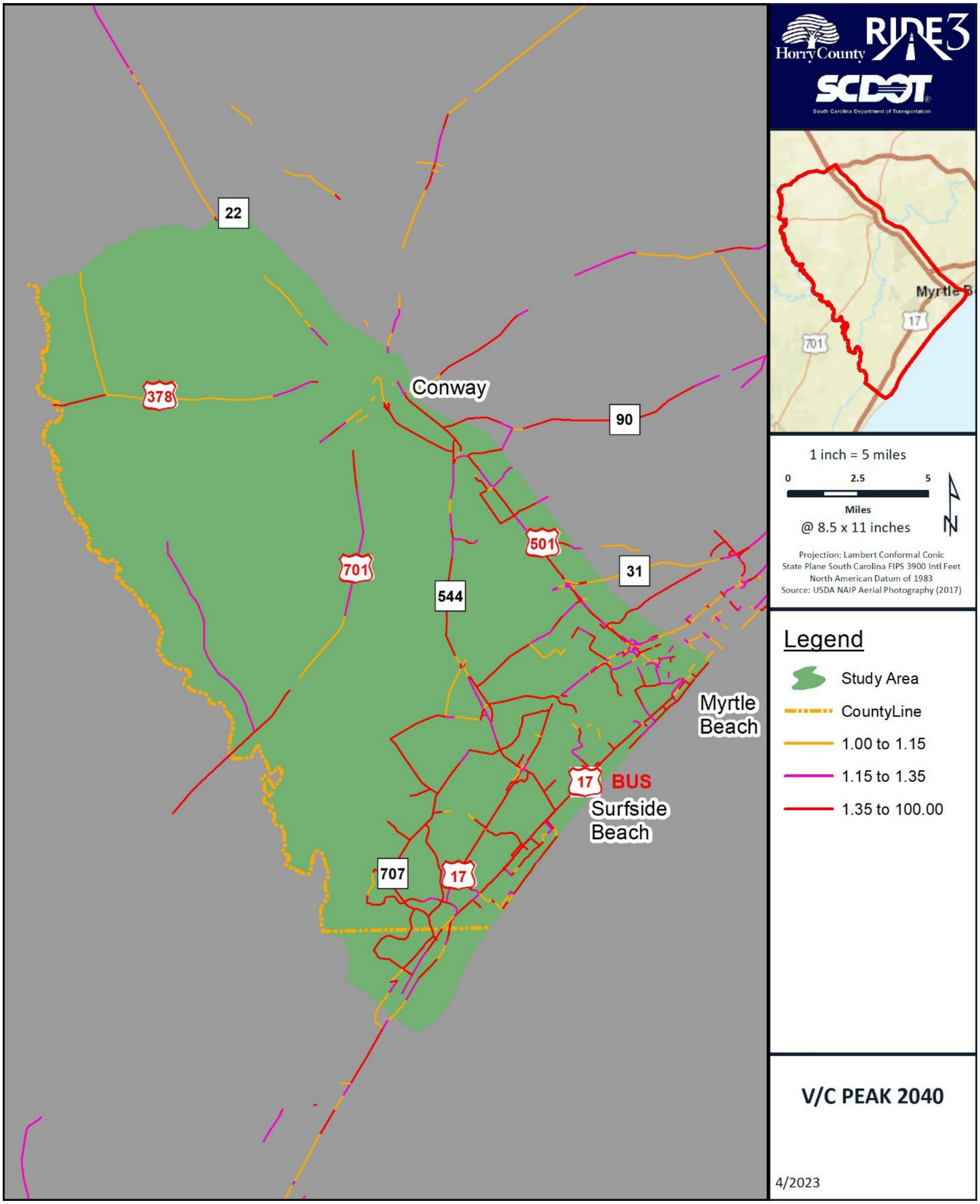
2 PURPOSE AND NEED

The purpose of the project is to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River.

2.1 CONGESTION RELIEF

A Travel Demand Modeling Technical Report (see Appendix A) was published to provide travel demand modeling and evaluation of the conceptual SELL alternatives. Each alternative was assessed to estimate the amount of potential traffic that would be carried by each alternative. The Grand Strand Area Transportation Study (GSATS) Travel Demand Model has provided projections for the 2040 volume to capacity (V/C) ratios for the peak travel season within the study area. The Transportation Research Board's Highway Capacity Manual defines the capacity of a roadway facility as the maximum hourly rate at which vehicles can reasonably be expected to traverse a point or section of a roadway during a specified time period under typical roadway, traffic, and control conditions. Capacity can also be described as the maximum traffic flow obtainable on a given roadway using all available lanes. V/C represents a comparison of the actual volume of traffic carried by a roadway to the theoretical capacity of the roadway. As the V/C approaches 1.0, or when the remaining available capacity is less than 0.2, the roadway becomes increasingly congested. The 2040 projected levels of congestion of 1.00 V/C or higher are anticipated along major routes within the SELL PSA including US 501, SC 544, US 17, US 701, US 378, SC 707, Holmestown Road, El Bethel Road, Conway Perimeter, and Conway Bypass (SC 22); see Figure 2: V/C Peak 2040.

Figure 2: V/C Peak 2040



Level of Service (LOS) is used to represent the amount of congestion occurring within a network link. LOS is based on the V/C ratio. LOS A indicates the lowest range of V/C and the least congested network links as compared to LOS F indicating the highest range of V/C ratios and the most congested network links. SC 544 and US 501 would have a LOS F in 2040 indicating the most congested network links, see **Appendix B: Traffic Analysis Report**.

2.2 Hurricane Evacuation

A hurricane study was conducted to analyze the evacuation clearance times for Horry County based on the SELL alternatives (see **Appendix C: SELL Hurricane Evacuation Study**). Horry and Georgetown Counties currently have three hurricane evacuation zones of A, B, and C. Evacuation times of these zones are described as "clearance times." Clearance time is the time from the beginning of the evacuation until the last evacuee clears the region. Currently, there are three hurricane evacuation routes within the Grand Strand Area and are located in North Myrtle Beach and the area north of Myrtle Beach, Myrtle Beach, and Garden City Beach south to Winyah Bay in Georgetown. The hurricane evacuation zones evacuate in an order based on the severity of the hurricane. Zone A, located along the coastline, often evacuate for all hurricane severities while B and C evacuations may vary. Depending on where an evacuee lives within a hurricane evacuation zone, they are encouraged to follow the evacuation route provided by Horry County to safely leave the area. These are the only three evacuation routes currently servicing Horry County and its local and visiting populations.[2] For North Myrtle Beach and north of Myrtle Beach, residents and visitors are to use SC 9 to proceed to I-95. Myrtle Beach residents and visitors from 10th Avenue south to Myrtle Beach International Airport are to use 10th Avenue north, to SC 22, to US 501, to US 378 towards Columbia. Garden City Beach residents and visitors are to use US 17, to US 521, to SC 261, to US 378 towards Columbia or US 701, to SC 51, to SC 41, to US 378 towards Columbia. Reversing existing roads results in a substantial commitment of time and resources by Horry County Public Safety.

There is no westbound evacuation route between US 17 through Georgetown and US 501 just east of Conway. An accident or flooding due to rainfall on US 501 between Conway and SC 544 during an evacuation will negatively impact traffic flow. In 2018 flooding from Hurricane Florence nearly closed US 501. Large temporary barriers were constructed to contain high water levels for an extended duration. Businesses that are only accessible from US 501 were impacted, with some relocating for weeks at a time. US 17 over the Waccamaw River in Georgetown was closed to one lane in 2018 due to flooding. Large ferries and barges were staged along the river to prepare for transport across the floodwaters. Due to the long clearance times and the fragility of the evacuation routes due to flooding and traffic concerns, a secondary evacuation route would provide redundancy relief through the evacuation zone.

2.3 Improved Access from East to West over Waccamaw River

Crossing the Waccamaw River and the Atlantic Intracoastal Waterway in the large project study area is limited to two roads, US 501 and US 17, which are approximately 35 miles apart. The restricted ability to cross the Waccamaw River has isolated the South Strand of the Waccamaw Neck areas, as well as areas located west of the

[2] https://www.horrycountysc.gov/departments/emergency-management/hurricanes/evacuations/

river, from the areas east of the river. Inadequate access to services, facilities, and opportunities has a limiting effect on the ability of individuals to improve their well-being in regard to personal economics, health, and safety.

3 LOGICAL TERMINI

A project should have logical termini for transportation improvements as well as an appropriate geographical boundary for evaluating environmental impacts. Logical termini for project development are defined as (1) rational end points for a transportation improvement, and (2) rational end points for a review of the environmental impacts. The environmental impact review frequently covers a broader geographic area than the strict limits of the transportation improvements.

There are four proposed southerly termini for the project; all proposed conceptual alternatives would have the same northeast terminus located at US 501 and SC 22 interchange; see **Figure 3: Terminus Endpoints**.

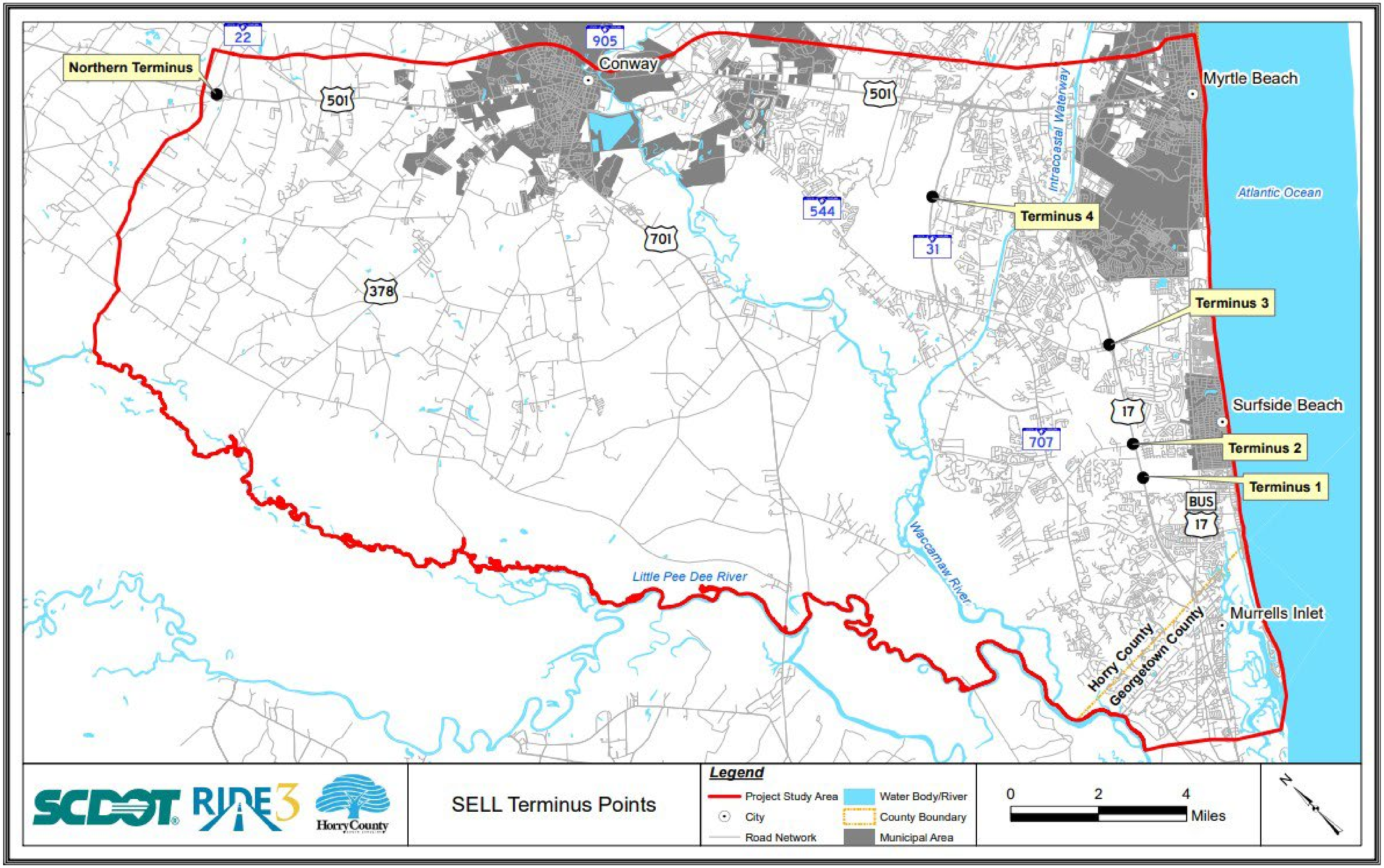
The first proposed terminus, Terminus 1, is located on US 17, approximately 0.80 miles southwest of the US 17 and Holmestown Road intersection, see **Figure 3: Terminus Endpoints**. This southwest terminus was chosen for several reasons, the first being that it creates a new access point onto US 17, south of Holmestown Road. Secondly, this new terminus avoids large-scale relocations of multiple neighborhoods to the south of Holmestown Road.

The next proposed terminus, Terminus 2, is located approximately 0.75 miles north of the first terminus, see **Figure 3: Terminus Endpoints**. This terminus is located on US 17 where Holmestown Road connects to Glenns Bay Road. This terminus avoids large-scale relocations of neighborhoods directly near Holmestown Road.

The next proposed terminus, Terminus 3, is located approximately 2.3 miles north of Terminus 2 at the US 17 and SC 544 interchange, see **Figure 3: Terminus Endpoints**.

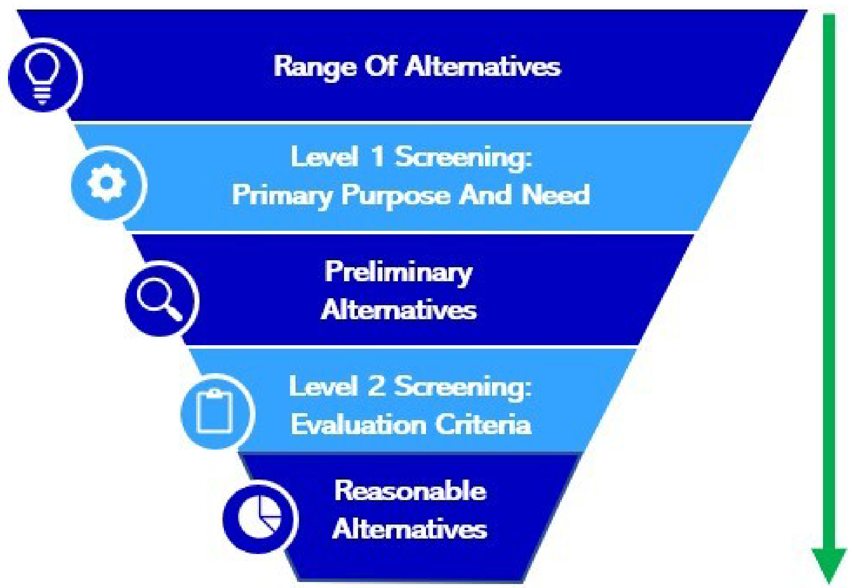
The final terminus, Terminus 4, is located on SC 31, approximately 2 miles south of the US 501 and SC 31 interchange and approximately 2.50 miles north of the SC 544 and SC 31 interchange. This terminus was chosen to create a new access point onto Carolina Bays Parkway in between US 501 and SC 544, as well as provide an exit point for the proposed route over the Waccamaw River to the west of SC 544, see **Figure 3: Terminus Endpoints**.

Figure 3: Terminus Endpoints



4 ALTERNATIVES

For this effort, 17 conceptual alternatives were developed including the No-Build Alternative. In the future, these Conceptual Alternatives will be assessed and updated through the public involvement process. They will be evaluated with screening criteria to determine if they meet the purpose and need. If an alternative does not meet the screening criteria metrics, it will not be further considered as a Reasonable Alternative. Reasonable Alternatives will also be assessed for potential impacts to the natural and human environment. Finally, the Proposed Reasonable Alternative that best balances the potential impacts to the human and natural environment will be recommended as the Preferred Alternative.



There are 16 corridor alternatives that begin at the existing interchange of US 501 and SC 22 northwest of the City of Conway in Horry County, South Carolina. All alternative corridors, except Alternative Corridors 7, 8, and 9, terminate at US 17. Alternative Corridors 7, 8, and 9 terminate at Carolina Bays Parkway (SC 31). The proposed project corridors are being evaluated as a means to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River as all 16 alternative corridors cross the Waccamaw River.

4.1 No-Build Alternative

For evaluation purposes, the no-build alternative was generally defined as the existing stretch of roadway from the US 501 and SC 22 interchange to SC 544; and from the SC 544 and US 501 interchange to US 17.

4.2 Conceptual Build Alternatives

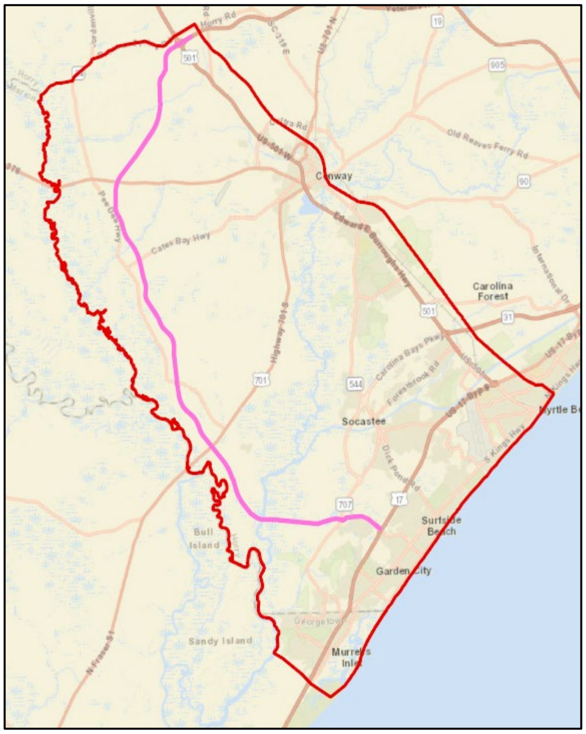
Sixteen corridor alternatives were developed to meet the project purpose and need. Alternatives 1 through 13 are all new alignments. Alternatives 14 and 15 are combinations of the new alignments and existing routes. Alternative 16 is entirely on existing routes. For the alternatives that incorporate the existing routes, the existing arterials alignments were analyzed with widening by two additional lanes. All new alignments were analyzed as four-lane expressways to accommodate the traffic projections and address high levels of congestion.

4.3 Proposed Alternatives Conditions

The proposed new location roadway alternatives would consist of three distinct typical sections through the corridor: a four-lane divided highway with two lanes in each direction, a four-lane highway with two lanes in each direction divided by a median, and a four-lane bridge section with two lanes in each direction. The existing US 501/SC 22 interchange would be extended to the west to accommodate the new location alternatives 1 through 13 (see **Appendix D: Alternatives**). Interchanges will be constructed as US 378, US 701, US 501, SC 544, SC 31, SC 707, and US 17 where proposed new location segments cross or intersect these routes. For alternatives that include widening of existing routes, SC 544 and US 501 would be widened from 5-lanes to 7-lanes with two-way left turn lanes. For alternatives 14 through 16, the existing interchange at SC 544/US 501 will be modified.

The study area largely consists of agricultural and silvicultural fields with residential development along existing roadways. The corridor would generally follow open land to avoid impacts to residential properties. The alternatives considered were each developed to meet the purpose and need of the project while having minimal impacts on the natural and human environment. Each alternative would result in impacts to residential and commercial structures, streams and wetlands, and existing traffic patterns. The southeastern section of the study area is heavily developed with dense residential and commercial development from the eastern boundary of the Waccamaw National Wildlife Refuge to US 17. The following sections examine the proposed alternative routes and their impacts.

4.3.1 Alternative 1



Alternative 1 (**Appendix D, Alternative 1 Corridors Map**) would consist of a 28.48-mile new location roadway beginning at US 501/SC 22 interchange traveling south/southwest toward Busy Corner Road before crossing Busy Corner Road and turning south/southeast. The proposed roadway would then continue, generally parallel to the Pee Dee Highway, to US 701. Alternative 1 would then continue towards the south of the Bucksport area where it would turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning northeast to cross SC 707. The proposed roadway would then join and follow Holmestown Road to its intersection with US 17.

SEE **APPENDIX D** FOR FULL-SCALE FIGURE

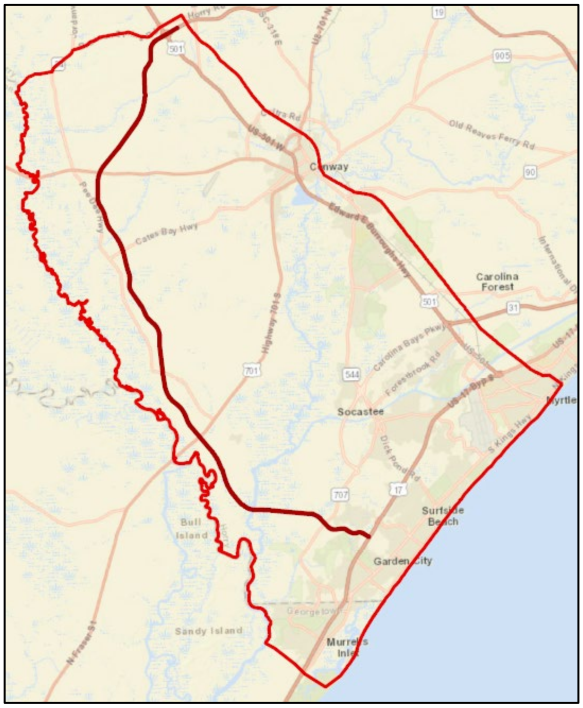
Road Crossings:

Night Owl Lane
Knotty Branch Road
Busy Corner Road
SC 548
Juniper Bay Road
Miracle Lane
Bottle Branch Road
Hubs Lane
Antioch Road
US 378
W Johnson Road
J and T Circle
Hendricks Short-Cut Road
Cates Bay Highway
Browns Way Shortcut Road
Cassie Lane
Dongola Highway
Pauley Swamp Road
Gilbert Road
Pee Dee Highway
Security Lane
US 701
Port Harrelson Road
Marine Pk Road
Treatment Road
Freewoods Road
Stockyard Loop (2)
Longhorn Drive
SC 707
Dave Carr Court
Caromax Court
Holmestown Road

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Juniper Bay
Dwight Creek
Hunting Swamp
Sarah Branch
Sheep Pen Branch
Cowford Swamp
Waccamaw River

4.3.2 Alternative 2



Alternative 2 (**Appendix D, Alternative 2 Corridors Map**) would consist of a 28.25-mile new location roadway beginning at US 501/SC 22 interchange traveling south/southwest toward Busy Corner Road before crossing US 378 and turning south/southeast. Alternative 2 would then continue generally parallel to the Pee Dee Highway to US 701 and continue to south of the Bucksport area where it would turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn east before snaking around Indigo Creek Golf Course and between the subdivisions Meadowoods and The Lakes before meeting US 17 approximately 0.24-mile north of St. James Road.

SEE APPENDIX D FOR FULL-SCALE FIGURE

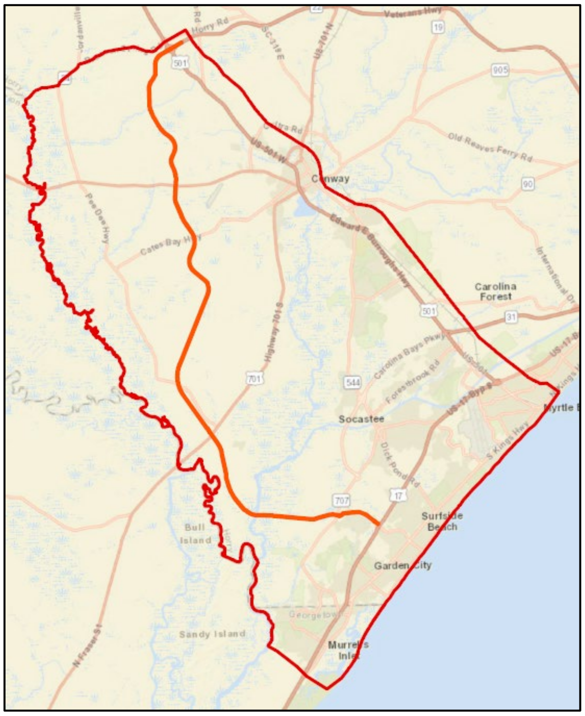
Road Crossings:

Night Owl Lane	J and T Circle	Port Harrelson Road
Knotty Branch Road	Hendricks Short-Cut Road	Marine Pk Road
Busy Corner Road	Cates Bay Highway	Treatment Road
SC 548	Browns Way Shortcut Road	Freewoods Road
Juniper Bay Road	Cassie Lane	SC 707
Miracle Lane	Dongola Highway	Grape Arbor
Bottle Branch Road	Pauley Swamp Road	Daybreak Road
Hubs Lane	Gibert Road	McDowell Shortcut Road
Antioch Road	Pee Dee Highway	Saluda River Road
US 378	Security Lane	Bowen Place
W Johnson Road	US 701	Meadowoods Drive

Streams, Rivers, Waters of the US Crossings:

Brown Swamp	Hunting Swamp	Cowford Swamp
Juniper Bay	Sarah Branch	Waccamaw River
Dwight Creek	Sheep Pen Branch	Big Swamp

4.3.3 Alternative 3



SEE APPENDIX D FOR FULL-SCALE FIGURE

Alternative 3 (**Appendix D, Alternative 3 Corridors Map**) would consist of a 28.27-mile new location roadway beginning at US 501/SC 22 interchange traveling south toward Busy Corner Road before crossing US 378 and Cates Bay Highway where it would turn south/southwest at the Pee Dee Highway. The proposed roadway would then continue generally southeast parallel to the Pee Dee Highway to US 701 and continue to south of the Bucksport area where it would turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning northeast to cross SC 707, joining and following Holmestown Road to its intersection with US 17.

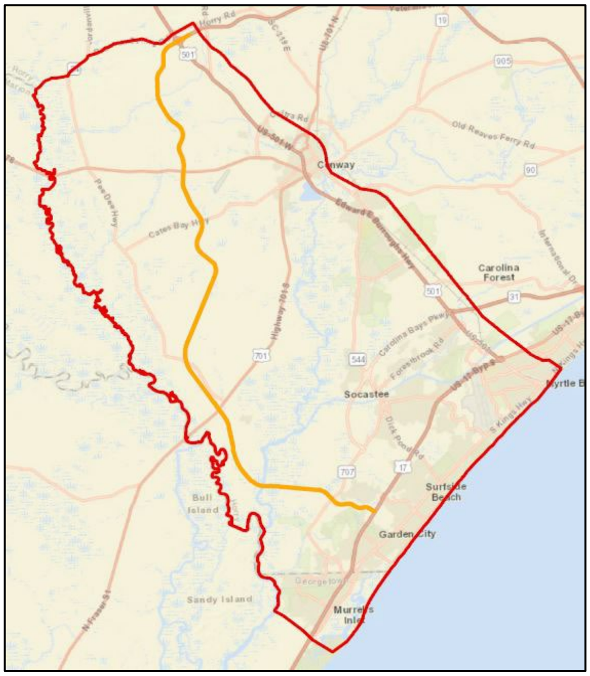
<u>Road Crossings:</u>

Night Owl Lane	Fern Ridge Road	Marine Park Road
Knotty Branch Road	Leviner Lane	Treatment Road
Lora Lane	Cove Road	Freewoods Road
Busy Corner Road	Pauley Swamp Road	Stockyard Loop (2)
Gemini Circle	Harper Road	Longhorn Drive
SC 548	Beverly Road	SC 707
Old Packhouse Road	Gilbert Road	Dave Carr Court
Juniper Bay Road	Old Tram Road	Caromax Court
US 378	Pee Dee Highway	Holmestown Road
SC 134	US 701	
Cates Bay Highway	Port Harrelson Road	

<u>Streams, Rivers, Waters of the US Crossings:</u>

Brown Swamp	Big Cypress Swamp	Sheep Pen Branch
Juniper Bay	Bradley Branch	Cowford Swamp
Jenkins Swamp	Brunson Swamp	Waccamaw River
Boyd Canal	Sarah Branch	

4.3.4 Alternative 4



Alternative 4 (**Appendix D, Alternative 4 Corridors Map**) would consist of a 28.03-mile new location roadway beginning at US 501/SC 22 interchange traveling south toward Busy Corner Road before crossing US 378 and Cates Bay Highway where it would turn south/southwest at the Pee Dee Highway. The proposed roadway would then continue generally southeast parallel to the Pee Dee Highway to US 701 and continue to south of the Bucksport area where it would turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back to the east before snaking around Indigo Creek Golf Club and between subdivisions Meadowoods and The Lakes before meeting US 17 approximately 0.24-mile north of St. James Road.

SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Road Crossings:

Night Owl Lane
Knotty Branch Road
Lora Lane
Busy Corner Road
Gemini Circle
SC 548
Old Packhouse Road
Juniper Bay Road
US 378
SC 134
Cates Bay Highway

Fern Ridge Road
Leviner Lane
Cove Road
Pauley Swamp Road
Harper Road
Beverly Road
Gilbert Road
Old Tram Road
Pee Dee Highway
US 701
Port Harrelson Road

Marine Park Road
Treatment Road
Freewoods Road
SC 707
Grape Arbor
Daybreak Road
Mcdowell Shortcut Road
Saluda River Road
Bowen Place
Meadowoods Drive

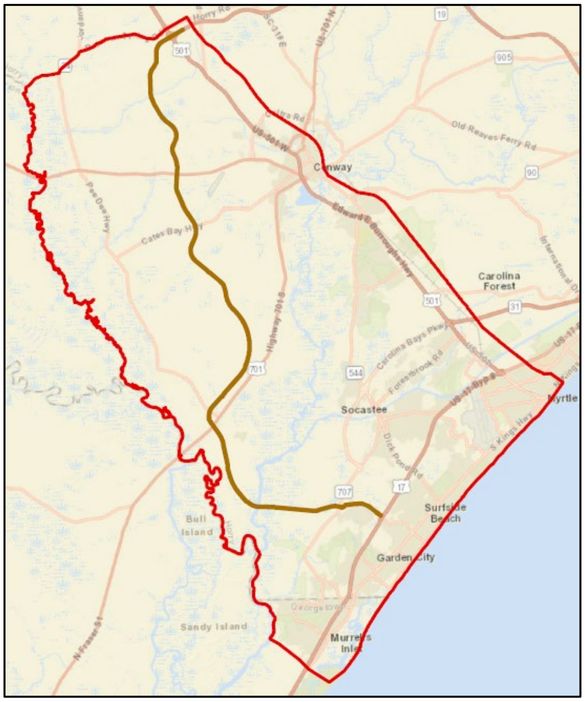
Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Juniper Bay
Jenkins Swamp
Boyd Canal

Big Cypress Swamp
Brunson Swamp
Bradley Branch
Sarah Branch

Sheep Pen Branch
Cowford Swamp
Waccamaw River
Big Swamp

4.3.5 Alternative 5



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 5 (**Appendix D, Alternative 5 Corridors Map**) would consist of a 28.77-mile new location roadway beginning at US 501/SC 22 interchange traveling south toward Busy Corner Road before crossing US 378 and Cates Bay Highway where it would turn south/southeast starting approximately 1.2 miles northwest of Pauley Swamp Road. The proposed roadway would then slowly turn south/southwest at Bucksville, running parallel to US 701 before turning back south to cross US 701 and continue to south of the Bucksport area. The roadway would then turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning northeast to cross SC 707 before joining and following Holmestown Road to its intersection with US 17.

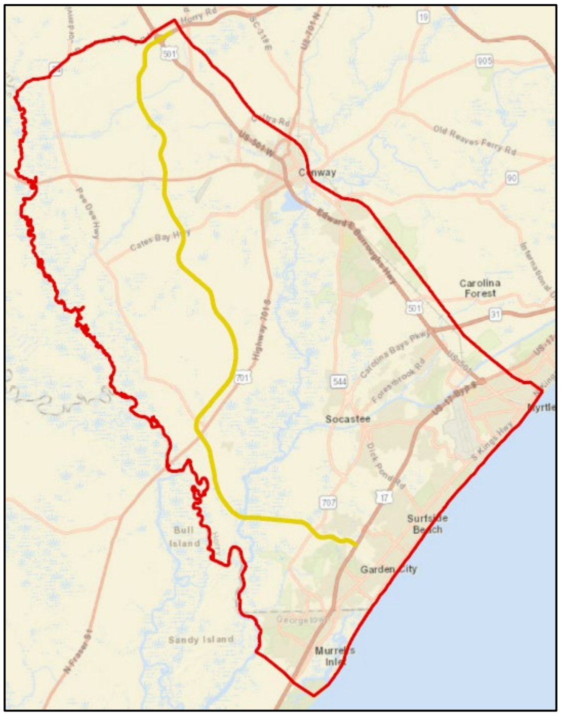
Road Crossings:

Night Owl Lane
Knotty Branch Road
Lora Lane
Busy Corner Road
Gemini Circle
SC 548
Old Packhouse Road
Juniper Bay Road
US 378
SC 134
Cates Bay Highway
Fern Ridge Road
Leviner Lane
Cove Road
Pauley Swamp Road
Harper Road
Tranquil Road
Gilbert Road
Winburn Street
Little Lamb Road
Pee Dee Highway
US 701
Port Harrelson Road
Marine Park Road
Treatment Road
Freewoods Road
Stockyard Loop (2)
Longhorn Drive
SC 707
Dave Carr Court
Caromax Court
Holmestown Road

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Juniper Bay
Boyd Canal
Jenkins Swamp
Sarah Branch
Brunson Swamp
Big Cypress Swamp
Big Branch
Cowford Swamp
Waccamaw River

4.3.6 Alternative 6



Alternative 6 (**Appendix D, Alternative 6 Corridors Map**) would consist of a 28.54-mile new location roadway beginning at US 501/SC 22 interchange traveling south toward Busy Corner Road before crossing US 378 and Cates Bay Highway where it would turn south/southeast starting approximately 1.2 miles northwest of Pauley Swamp Road. The proposed roadway would then slowly turn south/southwest at Bucksville, running parallel to US 701 before turning back south to cross US 701 and continue to south of the Bucksport area. The roadway would then turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning southeast across SC 707, Grape Arbor, and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back east before snaking between Indigo Creek Golf course and between subdivisions Meadowoods and The Lakes before meeting US 17 approximately 0.24-mile north of St. James Road.

SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Road Crossings:

Night Owl Lane
Knotty Branch Road
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US 378
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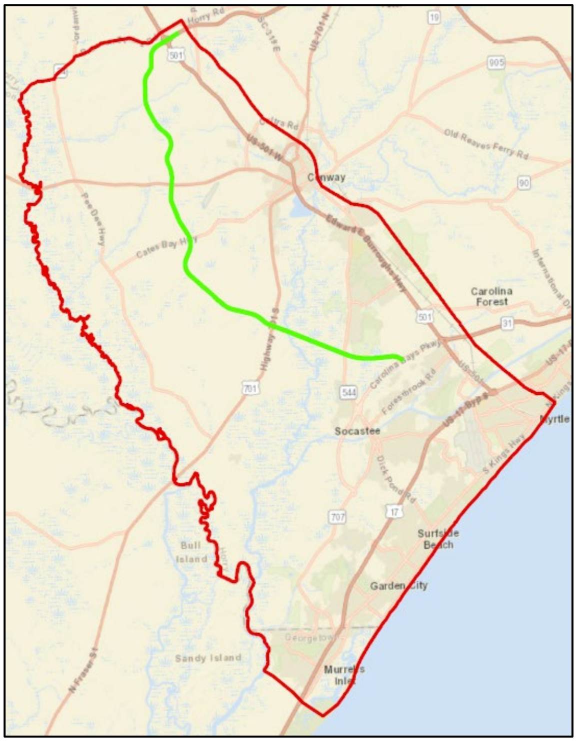
Fern Ridge Road
Leviner Lane
Cove Road
Pauley Swamp Road
Harper Road
Tranquil Road
Gilbert Road
Winburn Street
Little Lamb Road
Pee Dee Highway
US 701
Port Harrelson Road
Marine Park Road
Treatment Road
Freewoods Road
SC 707
Daybreak Road
Mcdowell Shortcut Road
Saluda River Road
Bowen Place
Meadowoods Drive

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Juniper Bay
Boyd Canal
Jenkins Swamp
Big Cypress Swamp
Sarah Branch
Big Branch
Cowford Swamp
Waccamaw River
Big Swamp

4.3.7 Alternative 7



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 7 (**Appendix D, Alternative 7 Corridors Map**) would consist of a 20.47-mile new location roadway beginning at US 501/SC 22 interchange traveling south toward Busy Corner Road before crossing US 378 and Cates Bay Highway where it would turn south/southeast starting approximately 1.2 miles northwest of Pauley Swamp Road. The proposed roadway would then continue southeast across US 701 near Toddville and the Waccamaw River/Wildlife Refuge to SC 544 to its terminus at SC 31 approximately 2.30 miles southwest of US 501.

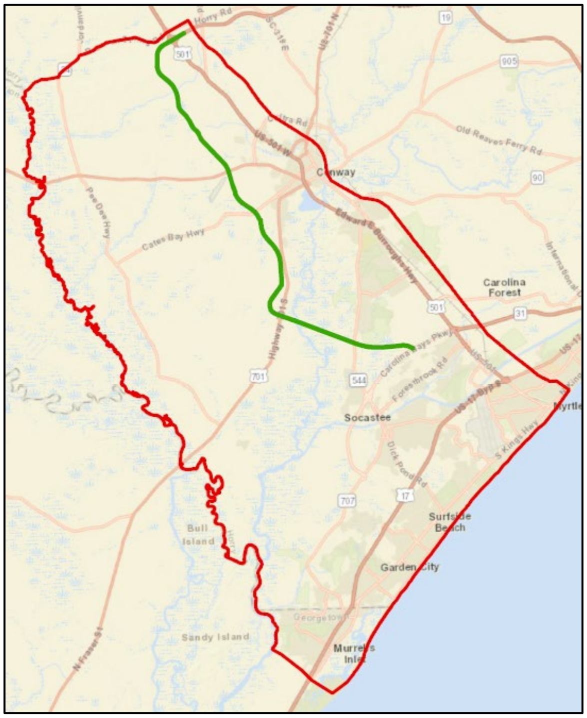
Road Crossings:

Night Owl Lane
Knotty Branch Road
Lora Lane
Busy Corner Road
Gemini Circle
SC 548
Old Packhouse Road
Juniper Bay Road
US 378
SC 134
Cates Bay Highway
Fern Ridge Road
Leviner Lane
Cove Road
Pauley Swamp Road
Harper Road
Tranquil Road
Reba Drive
US 701
Cantle Drive
Farrier Drive
SC 544 (Corporal Dennis Lyden Memorial Highway)

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Juniper Bay
Boyd Canal
Jenkins Swamp
Sarah Branch
Big Cypress Swamp
Big Branch
Halfway Swamp
Waccamaw River

4.3.8 Alternative 8



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 8 (**Appendix D, Alternative 8 Corridors Map**) would consist of a 19.69-mile new location roadway beginning at US 501/SC 22 interchange traveling southwest toward Busy Corner Road before turning southeast. The proposed roadway would cross US 378 and Cates Bay Highway and curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run parallel along US 701 before curving east to cross US 701 near Toddville and the Waccamaw River/Wildlife Refuge to SC 544 to its terminus at SC 31 approximately 2.30 miles southwest of US 501.

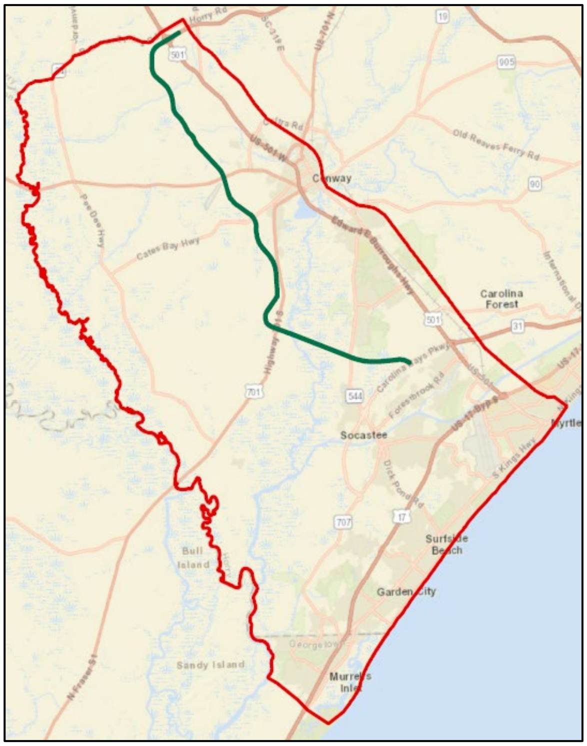
Road Crossings:

Night Owl Lane
Knotty Branch Road
Busy Corner Road
Brown Swamp Road
SC 548
Wagonwheel Court
Wayside Road
Singing Pines Drive
Formosa Drive
Dunn Short Cut Road
US 378
Dirty Branch Road
Blain Lane
Regina Road
Cates Bay Highway
Cannon Pond Road
Fawn Road
Carolina Wren Road
Cannon Pond Road
J and S Countryside Road
Pitch Landing Road
Kinlaw Lane
Paradise Road
Harper Road
Reba Drive
US 701
Cantle Drive
Farrier Drive
SC 544 (Corporal Dennis Lyden Memorial Highway)

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Oakley Swamp
Beaver Hole Swamp
Brunson Swamp
Jenkins Swamp
Boyd Canal
Baiter Swamp
Pawleys Swamp
Big Branch
Halfway Swamp
Waccamaw River

4.3.9 Alternative 9



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 9 (**Appendix D, Alternative 9 Corridors Map**) would consist of a 19.73-mile new location roadway beginning at US 501/SC 22 interchange traveling southwest toward Busy Corner Road before turning southeast. The proposed roadway would cross US 378 then cross Dirty Branch Road approximately 0.80-mile south of its intersection with US 378. The road would then turn southeast through the Woodland Lakes subdivision before turning south to cross Dirty Branch Road again and then cross Cates Bay Highway. The roadway would then curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run parallel along US 701 before curving east to cross US 701 near Toddville and the Waccamaw River/Wildlife Refuge to SC 544 to its terminus at SC 31 approximately 2.30 miles southwest of US 501.

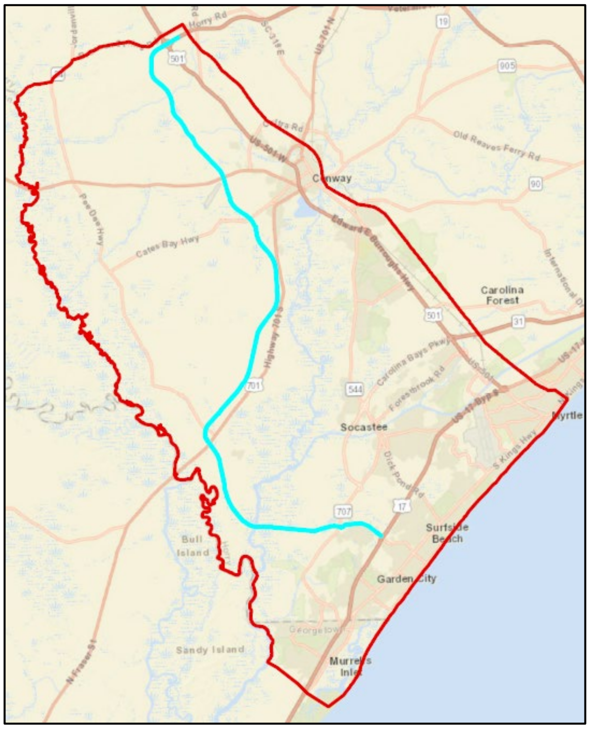
Road Crossings:

Night Owl Lane
Knotty Branch Road
Busy Corner Road
Brown Swamp Road
SC 548
Wagonwheel Court
Wayside Road
Singing Pines Drive
Formosa Drive
Dunn Short Cut Road
US 378
Dirty Branch Road
Blain Lane
Regina Road
Merganser Drive
Wesley Estate Road
Wesley Drive
Cates Bay Highway
Bridgette Lane
Fawn Road
J and S Countryside Road
Pitch Landing Road
Kinlaw Lane
Paradise Road
Harper Road
Reba Drive
US 701
Cantle Drive
Farrier Drive
SC 544 (Corporal Dennis Lyden Memorial Highway

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Oakley Swamp
Brunson Swamp
Jenkins Swamp
Boyd Canal
Pawleys Swamp
Big Branch
Beaver Hole Swamp
Baiter Swamp
Halfway Swamp
Waccamaw River

4.3.10 Alternative 10



Alternative 10 (**Appendix D, Alternative 10 Corridors Map**) would consist of a 29.20-mile new location roadway beginning at US 501/SC 22 interchange traveling southwest toward Busy Corner Road before turning southeast. The proposed roadway would cross US 378 and Cates Bay Highway and curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run adjacent to US 701 to the Pee Dee Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning northeast to cross SC 707 before joining and following Holmestown Road to its intersection with US 17.

SEE **APPENDIX D** FOR FULL-SCALE FIGURE

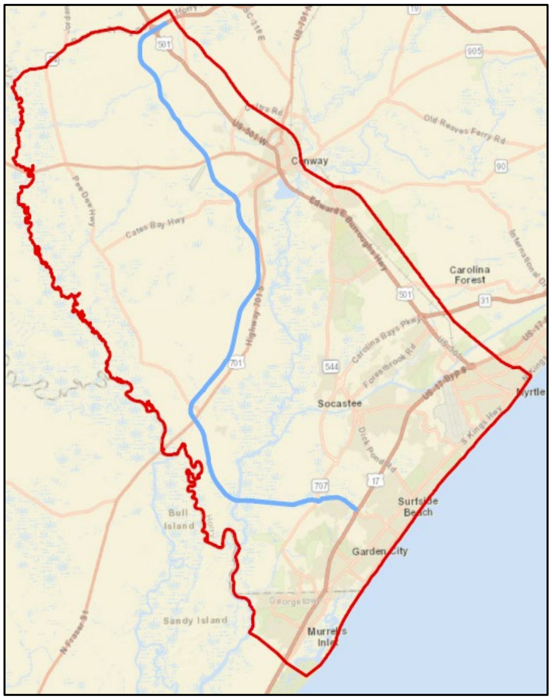
<u>Road Crossings:</u>

Night Owl Lane
Knotty Branch Road
Busy Corner Road
Brown Swamp Road
SC 548
Wagonwheel Court
Wayside Road
Singing Pines Drive
Formosa Drive
Dunn Short Cut Road
US 378
Dirty Branch Road
Blain Lane
Regina Road
Cates Bay Highway
Cannon Pond Road
Fawn Road
Carolina Wren Road
J and S Countryside Road
Pitch Landing Road
Kinlaw Lane
Harper Road
Gilbert Road
Winburn Street
Little Lamb Road
Pee Dee Highway
US 701
Port Harrelson Road
Marine Park Road
Treatment Road
Freewoods Road
Stockyard Loop (2)
Longhorn Drive
SC 707
Darr Carr Court
Holmestown Road

<u>Streams, Rivers, Waters of the US Crossings:</u>

Brown Swamp
Oakley Swamp
Beaver Hole Swamp
Brunson Swamp
Baiter Swamp
Halfway Swamp
Big Branch
Cowford Swamp
Waccamaw River

4.3.11 Alternative 11



Alternative 11 (**Appendix D, Alternative 11 Corridors Map**) would consist of a 29.24-mile new location roadway beginning at US 501/SC 22 interchange traveling southwest toward Busy Corner Road before turning southeast. The proposed roadway would cross US 378 then cross Dirty Branch Road approximately 0.80-mile south of its intersection with US 378. The road would then turn southeast through the Woodland Lakes subdivision before turning south to cross Dirty Branch Road again and then cross Cates Bay Highway. The roadway would then curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run adjacent to US 701 to the Pee Dee Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning northeast to cross SC 707 before joining and following Holmestown Road to its intersection with US 17.

SEE **APPENDIX D** FOR FULL-SCALE FIGURE

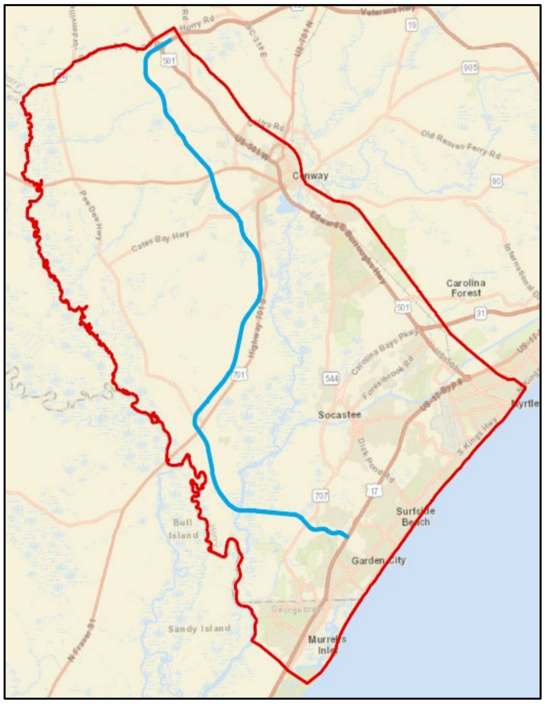
Road Crossings:

Night Owl Lane
Knotty Branch Road
Busy Corner Road
Brown Swamp Road
SC 548
Wagonwheel Court
Wayside Road
Singing Pines Drive
Formosa Drive
Dunn Short Cut Road
US 378
Dirty Branch Road
Blain Lane
Regina Road
Merganser Drive
Wesley Estate Road
Wesley Drive
Cates Bay Highway
Bridgette Lane
Fawn Road
J and S Countryside Road
Pitch Landing Road
Kinlaw Lane
Harper Road
Gilbert Road
Winburn Street
Little Lamb Road
Pee Dee Highway
US 701
Port Harrelson Road
Marine Park Road
Treatment Road
Freewoods Road
Stockyard Loop (2)
Longhorn Drive
SC 707
Darr Carr Court
Holmestown Road

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Oakley Swamp
Beaver Hole Swamp
Brunson Swamp
Baiter Swamp
Halfway Swamp
Big Branch
Cowford Swamp
Waccamaw River

4.3.12 Alternative 12



Alternative 12 (**Appendix D, Alternative 12 Corridors Map**) would consist of a 28.96-mile new location roadway beginning at US 501/SC 22 interchange traveling southwest toward Busy Corner Road before turning southeast. The proposed roadway would cross US 378 and Cates Bay Highway and curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run adjacent to US 701 to the Pee Dee Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back east before snaking around Indigo Creek Golf Course and between subdivisions before meeting US 17 approximately 0.24-mile north of St. James Road.

SEE **APPENDIX D** FOR FULL-SCALE FIGURE

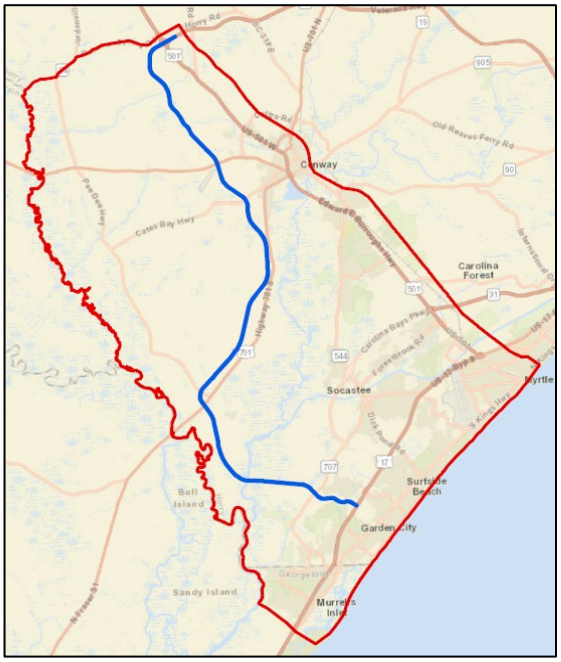
Road Crossings:

Night Owl Lane
Knotty Branch Road
Busy Corner Road
Brown Swamp Road
SC 548
Wagonwheel Court
Wayside Road
Singing Pines Drive
Formosa Drive
Dunn Short Cut Road
US 378
Dirty Branch Road
Blain Lane
Regina Road
Cates Bay Highway
Cannon Pond Road
Fawn Road
Carolina Wren Road
J and S Countryside Road
Pitch Landing Road
Kinlaw Lane
Harper Road
Gilbert Road
Winburn Street
Little Lamb Road
Pee Dee Highway
US 701
Port Harrelson Road
Marine Park Road
Treatment Road
Freewoods Road
SC 707
Grape Arbor
Daybreak Road
Mcdowell Shortcut Road
Saluda River Road
Bowen Place
Meadowoods Drive

Streams, Rivers, Waters of the US Crossings:

Brown Swamp
Oakley Swamp
Beaver Hole Swamp
Cowford Swamp
Baiter Swamp
Halfway Swamp
Big Branch
Big Swamp
Waccamaw River
Brunson Swamp

4.3.13 Alternative 13



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 13 (**Appendix D, Alternative 13 Corridors Map**) would consist of a 29.00-mile new location roadway beginning at US 501/SC 22 interchange traveling southwest toward Busy Corner Road before turning southeast. The proposed roadway would cross US 378 then cross Dirty Branch Road approximately 0.80-mile south of its intersection with US 378. The road would then turn southeast through the Woodland Lakes subdivision before turning south to cross Dirty Branch Road again and then cross Cates Bay Highway. The roadway would then curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run adjacent to US 701 to the Pee Dee Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back east before snaking around Indigo Creek Golf Course and between subdivisions before meeting US 17 approximately 0.24-mile north of St. James Road.

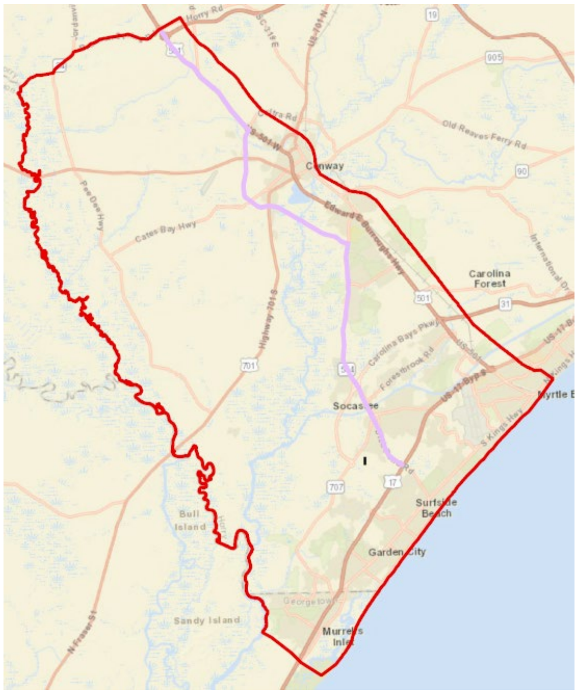
<u>Road Crossings:</u>

Night Owl Lane
Knotty Branch Road
Busy Corner Road
Brown Swamp Road
SC 548
Wagonwheel Court
Wayside Road
Singing Pines Drive
Formosa Drive
Dunn Short Cut Road
US 378
Dirty Branch Road
Blain Lane
Pee Dee Highway
Cates Bay Highway
Merganser Drive
Wesley Estate Road
Wesley Drive
Bridgette Lane
Fawn Road
J and S Countryside Road
Pitch Landing Road
Kinlaw Lane
Harper Road
Gilbert Road
Winburn Street
Little Lamb Road
US 701
Port Harrelson Road
Marine Park Road
Treatment Road
Freewoods Road
SC 707
Grape Arbor
Daybreak Road
Mcdowell Shortcut Road
Saluda River Road
Bowen Place
Meadowoods Drive
Regina Road

<u>Streams, Rivers, Waters of the US Crossings:</u>

Brown Swamp
Oakley Swamp
Big Swamp
Beaver Hole Swamp
Baiter Swamp
Big Branch
Waccamaw
Brunson Swamp
Halfway Swamp
Cowford Swamp

4.3.14 Alternative 14



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 14 (**Appendix D, Alternative 14 Corridors Map**) would consist of a 22.21-mile roadway that would utilize both existing and new location roads beginning at US 501/SC 22 interchange. The proposed corridor would follow US 501 southeast toward Conway, turn south at El Bethel Road and follow El Bethel Road and the proposed Conway Perimeter Road to US 701. The corridor would then continue southeast through the Pecan Grove subdivision and cross the Waccamaw River/Wildlife Refuge. The proposed road would then turn south to follow SC 544 to its intersection with US 17.

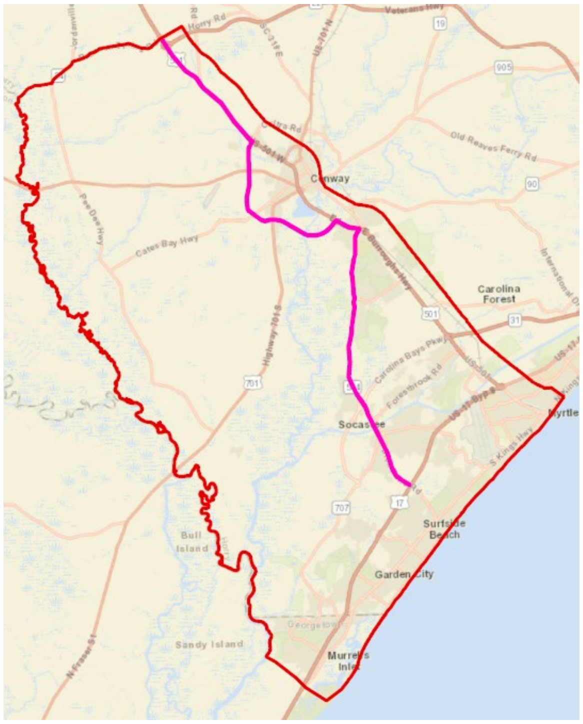
<u>Road Crossings:</u>

US 501
El Bethel Road
US 378
Cates Bay Highway
Dirty Branch Road
Cadbury Court
Faulk Circle
Hemingway Chapel Road
Wesley Drive
George Lane
US 701
Longwood Lane
Cedar Lane
New Road
Pine Ridge Street
Sidewheeler Road
West Cox Ferry Road
SC 544

<u>Streams, Rivers, Waters of the US Crossings:</u>

Bear Swamp
Brown Swamp
Fourmile Swamp
Crab Tree Swamp
Oakley Swamp
Intracoastal Waterway
Waccamaw River

4.3.15 Alternative 15



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 15 (**Appendix D, Alternative 15 Corridors Map**) would consist of a 23.77-mile new location roadway that would utilize both existing and new location roads beginning at US 501/SC 22 interchange. The proposed corridor would follow US 501 southeast toward Conway, turn south at El Bethel Road and follow El Bethel Road and the proposed Conway Perimeter Road to US 701. The corridor would then continue southeast through the Pecan Grove subdivision and cross the Waccamaw River/Wildlife Refuge. Immediately after crossing the Waccamaw River/Wildlife Refuge, the corridor would then turn north to meet US 501 at Academy Drive. The road would follow US 501, turn south at SC 544, and follow SC 544 to its intersection with US 17.

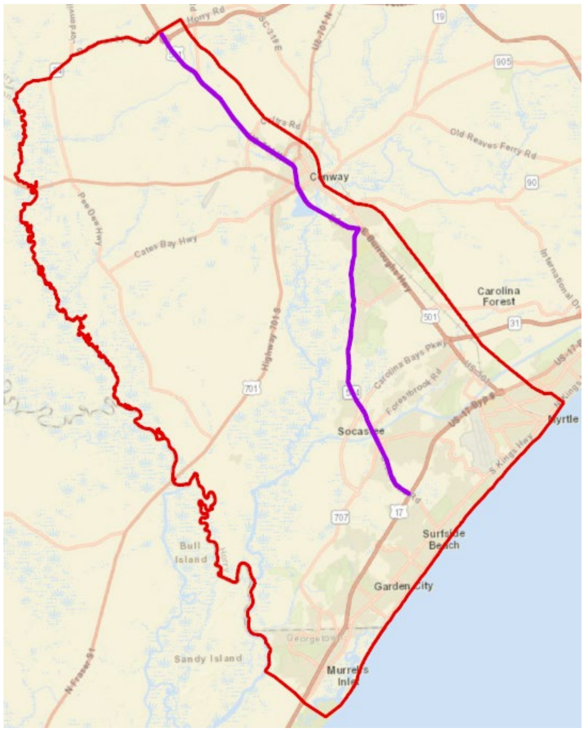
<u>Road Crossings:</u>

US 501	Hemingway Chapel Road	Pine Ridge Street
El Bethel Road	Wesley Drive	Sidewheeler Road
US 378	George Lane	Academy Drive
Cates Bay Highway	US 701	Brown Drive
Dirty Branch Road	Longwood Lane	Fannie B Road
Cadbury Court	Cedar Lane	US 501
Faulk Circle	New Road	SC 544

<u>Streams, Rivers, Waters of the US Crossings:</u>

Bear Swamp	Crab Tree Swamp	Waccamaw River
Brown Swamp	Oakley Swamp	
Fourmile Swamp	Intracoastal Waterway	

4.3.16 Alternative 16



SEE **APPENDIX D** FOR FULL-SCALE FIGURE

Alternative 16 (**Appendix D, Alternative 16 Corridors Map**) would consist of a 23.42-mile improvement of strictly existing roadway beginning at US 501/SC 22 interchange. The proposed corridor would follow US 501 southeast toward Conway and then turn right at SC 544, and follow SC 544 to its intersection with US 17.

<u>Road Crossings:</u>

SC 548	Forest View Road	US 701
El Bethel Road	11th Avenue	SC 544
Mill Pond Road	Hiland Avenue	SC 814
16th Avenue	Race Path Avenue	SC 31
Calhoun Road	5th Avenue	SC 707

<u>Streams, Rivers, Waters of the US Crossings:</u>

Brown Swamp	Crabtree Swamp	Intracoastal Waterway
Fourmile Swamp	Waccamaw River	

5 ALTERNATIVES: MEASURES OF EFFECTIVENESS AND IMPACTS

The No-Build alternative is considered a comparison for evaluating the benefits and impacts of the other reasonable alternatives. The No-Build alternative means continued use of the existing roadways present within the study area with no roadway improvements implemented. The primary existing roadways within the PSA are US 501, US 17, US 378, US 701, SC 544, SC 707, SC 22, Conway Perimeter Road, Holmestown Road, and El Bethel Road. The travel demand modeling analysis effort was to incorporate conceptual SELL alternatives into the travel demand model and use the model outputs to assess the estimated amount of traffic that would be carried by each alternative and the efficiency in which they carry the traffic loads. The data collected was then used to determine if the proposed alternatives meet the purpose and need of the SELL project. Based on the technical report the No-Build option does not meet the purpose and need by not relieving the traffic congestion or decreasing hurricane evacuation clearance times. Not only does it not meet the main needs of the project, but it will not be able to functionally serve the growing traffic that is expected by 2050.

Based on the measures of effectiveness (MOE) referenced in the technical report, the primary MOE that were considered at the conceptual level were vehicle hours traveled (VHT), and travel time (in minutes) from the northern terminus of the project at the existing interchange of 501 and the Conway Bypass (SC 22) to the far end of the project at the southern terminus in an area generally bounded by the Georgetown County line, US 17, SC 544, and US 501.

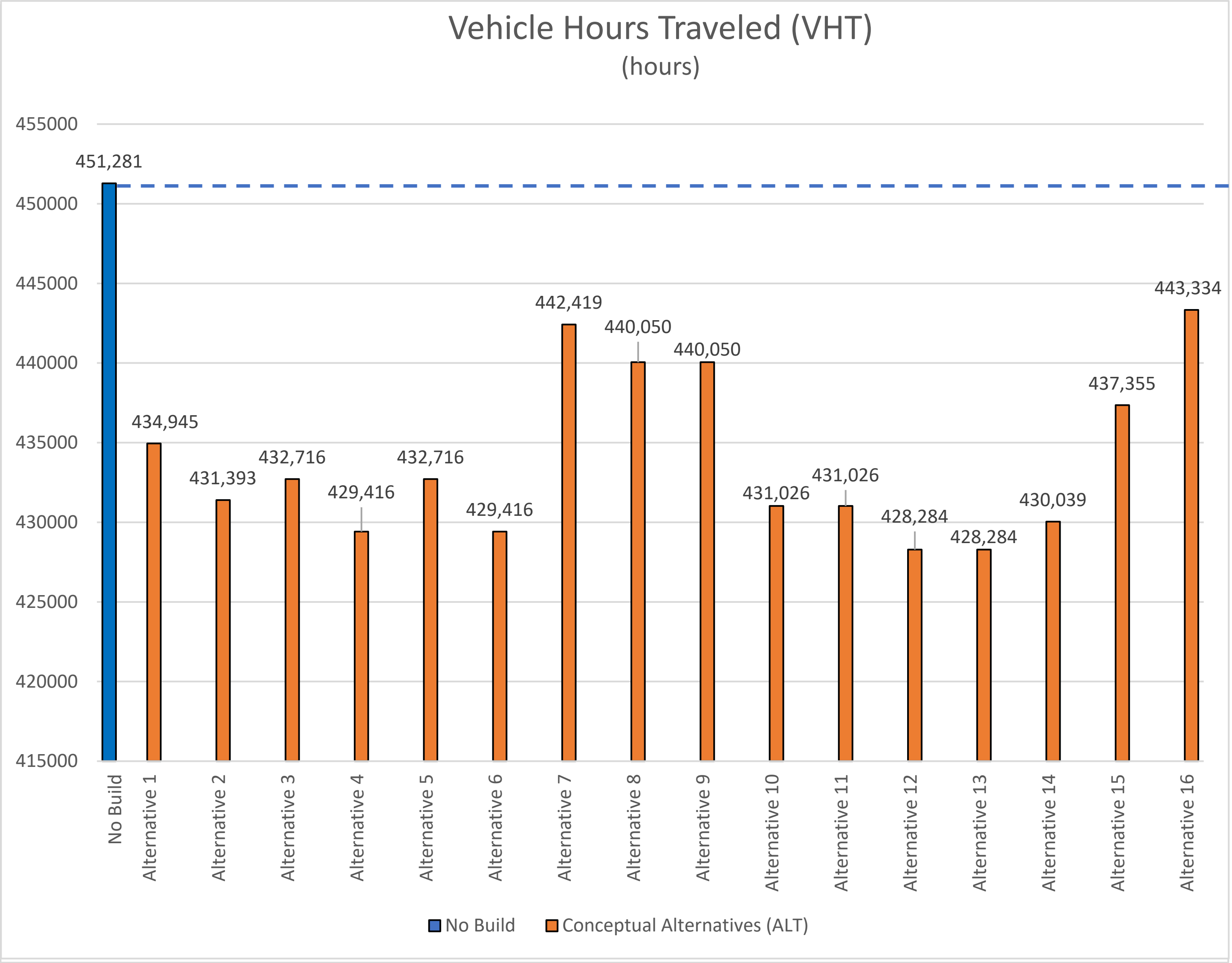
5.1 VEHICLE HOURS TRAVELED

VHT represents the time, in hours, of every car in the system travelling within a day. The data for VHT is based on average daily trips during each time period and has been calculated for each alternative route. The lowest VHT is considered to be the most optimal alternative route within the study area due to the route relieving congestion as well as creating access to new routes for travelers to reach their destinations faster.

VHT for the No-Build option or existing route would be 451,281 hours and would have the highest VHT when compared to the proposed SELL routes (Figure 4: Vehicle Hours Traveled). All other proposed SELL routes would decrease VHT by at least 10,000 hours. Alternatives 12 and 13 would have the lowest VHT at 428,284 hours. Alternatives 14-16 that utilize the existing roadways with additional widenings would have the highest estimated travel times out of the other proposed SELL routes (between 430,039 and 443,334 hours.) Alternative 16 would have the highest VHT out of the proposed SELL routes at 443,334 hours.[3]

[3] Travel Demand Modeling Technical Report. May 2022.

Figure 4: Vehicle Hours Traveled



5.2 TRAVEL TIME

The average travel times for the SELL alternatives between two locations near US 17 Bypass near the termini of the new alignment routes and at the US 501/SC 22 interchange were prepared from the individual alternative model runs. **Figure 5: Travel Time Terminus Start and End Points** illustrates the locations of the two starting points and the termination point. The locations are:

• SC 544 south of the US 17 Bypass (at the intersection of SC 544 and Beaver Run Road - shown with a green star)

• Holmestown Road south of US 17 Bypass (at the intersection of Holmestown Road and Hopkins Circle - shown with a blue star)

• US 501 north of the US 501/SC 22 interchange (at the intersection of US 501 and Bunson Spring Road/Horry Road – shown with a red star).

Figure 5: Travel Time Terminus Start and End Points

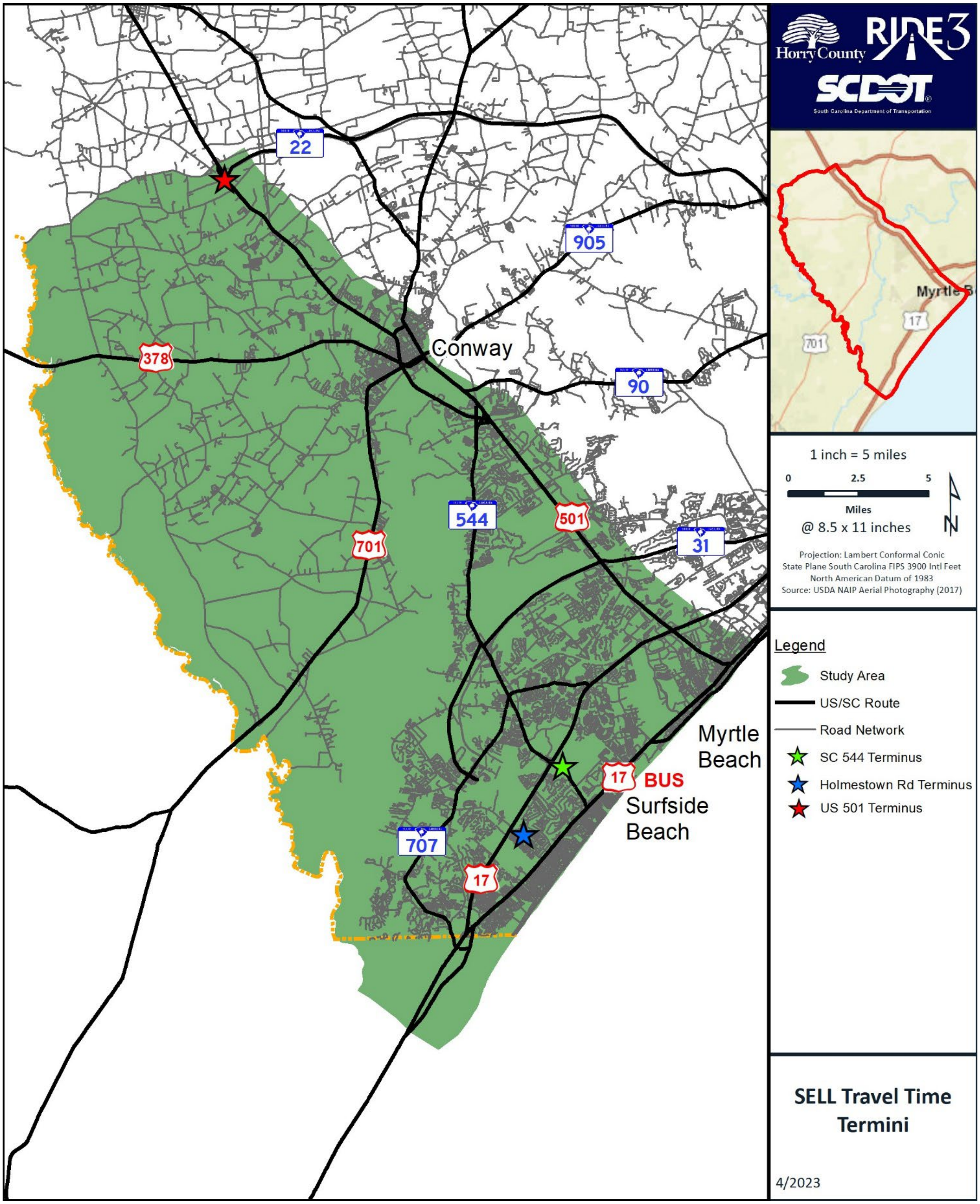


Table 1: Average Travel Time Between US 17 Bypass and US 501/SC 22 Interchange summarizes the 2040 AM and PM peak hour congested travel times between the termini for each alternative, including the no-build alternative, as estimated by the model.

Table 1: Average Travel Time (minutes) Between US 17 Bypass and US 501/SC 22 Interchange

Alternative	SC 544 south of US 17 Bypass (at Beaver Run Road)		Holmestown Road south of US 17 Bypass (at Hopkins Circle)	
	AM	PM	AM	PM
No Build	**44.2**	**115.3**	**51.2**	**129.1**
1	36.6	65.5	29.5	40.0
2	37.1	67.7	30.3	42.4
3	36.1	64.7	29.2	39.3
4	36.6	67.1	29.9	41.9
5	36.1	64.7	29.2	39.3
6	36.6	67.1	29.9	41.9
7	30.6	57.0	37.4	84.6
8	29.9	56.4	36.8	84.0
9	29.9	56.4	36.8	84.0
10	37.0	65.0	30.2	39.7
11	37.0	65.0	30.2	39.7
12	37.4	67.4	30.8	42.4
13	37.4	67.4	30.8	42.4
14	28.9	66.6	36.3	98.0
15	32.4	78.5	39.9	109.6
16	33.7	88.4	41.2	119.0

Figure 6: AM Travel Times from US 17 Bypass to US 501/SC 22 shows the average AM travel time from US 17 Bypass to US 501/SC 22 using either SC 544 south of US 17 Bypass or Holmestown Road south of 17 Bypass. The No Build has the highest AM travel time for both routes than any of the alternatives. New location alternatives 1-6 and 9-13 have a lower travel time from US 17 Bypass to US 501/SC 22 compared to the widening of existing location alternatives 15 and 16. Overall, all 16 alternatives would save at least 7.6 minutes utilizing SC 544 to travel from US 17 Bypass to US 501/SC 22 and 10 minutes utilizing Holmestown Road to travel from US 17 Bypass to US 501/SC 22.

Figure 6: AM Travel Times from US 17 Bypass to US 501/SC 22

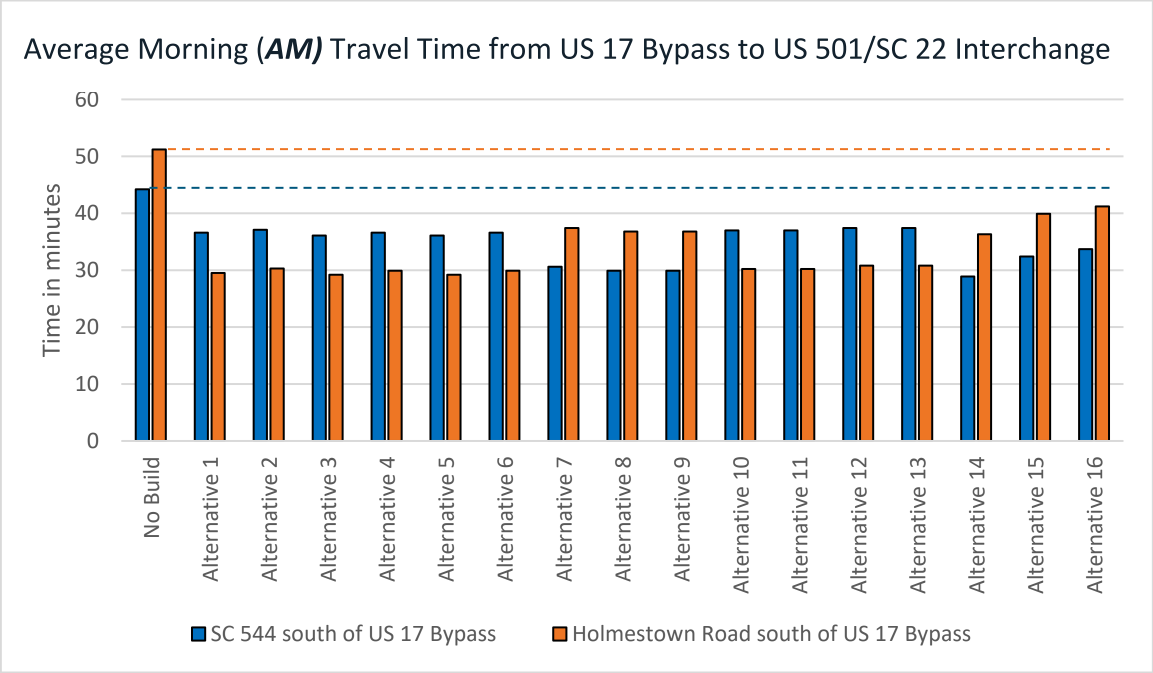
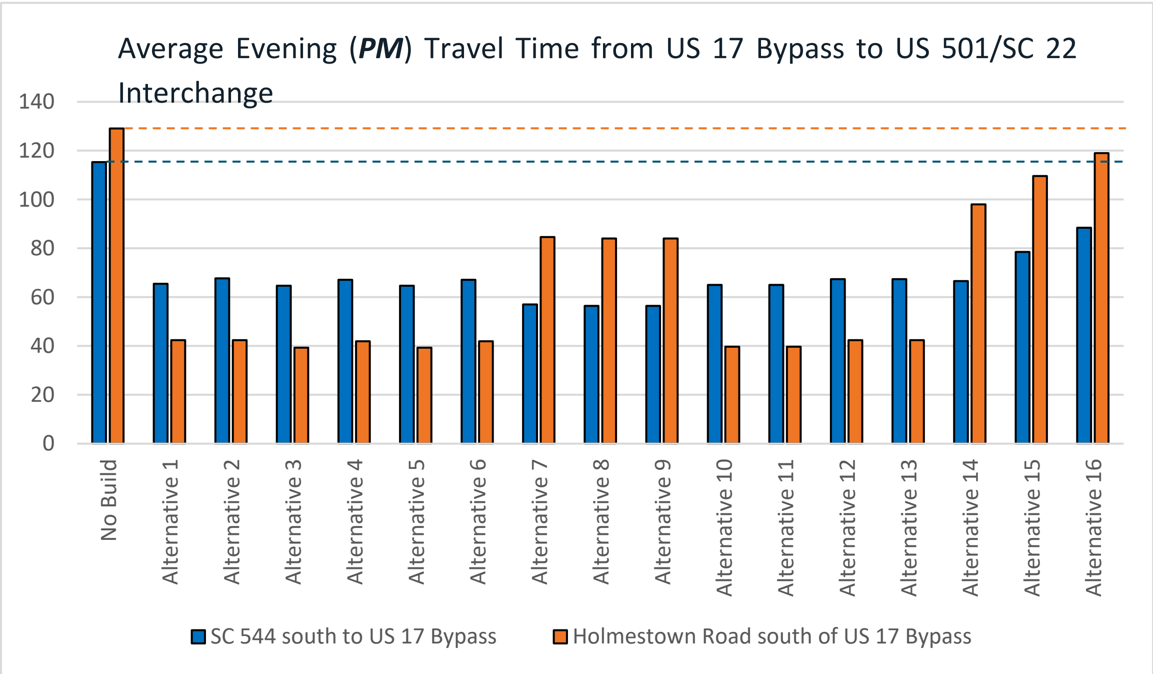


Figure 7: PM Travel Times from US 17 Bypass to US 501/SC 22 shows the average PM travel time from US 17 Bypass to US 501/SC 22 using either SC 544 south of US 17 Bypass or Holmestown Road south of US 17 Bypass. The No Build has the highest PM travel time for both routes than any of the alternatives. The new location alternatives (Alternatives 1 through 13) have a lower travel time from US 17 Bypass to US 501/SC 22 compared to the widening of existing location alternatives (Alternatives 14 through 16). The PM travel time is significantly less in the new location alternatives when utilizing Holmestown Road south of US 17 Bypass and have a decreased travel time of at least 13.4-58.7 minutes when compared to the widening of existing location alternatives. Overall, all 16 alternatives would save at least of 26.9 minutes utilizing SC 544 to travel from US 17 Bypass to US 501/SC 22 and 10 minutes utilizing Holmestown Road to travel from US 17 Bypass to US 501/SC 22.

Figure 7: PM Travel Times from US 17 Bypass to US 501/SC 22



5.3 Level of Service

Level of Service (LOS) is a term used to qualitatively describe the operating conditions of a roadway based on factors such as speed, travel time, maneuverability, delay, and safety. LOS of C or better is preferred for transportation projects. For this analysis, the various LOS ratings can be described and understood as follows:

LOS A: Free flowing conditions with low traffic volumes traveling at free flow speeds with unimpeded maneuverability.

LOS B: Nearly free flow condition with traffic generally moving at free flow speeds with slightly impeded maneuverability.

LOS C: Stable flow at or near free flow speeds; increased traffic density begins to restrict maneuverability.

LOS D: Approaching unstable flow conditions with limited maneuverability.

LOS E: Unstable flow moving at slower speeds with very limited to no maneuverability; traffic volumes are approaching roadway capacity.

LOS F: Flow is unstable and slow-moving with frequent stops and traffic back-ups; traffic demand exceeds roadway capacity.

Table 2 shows the maximum LOS for the SELL alternatives, new alignment and existing, as well as Conway Perimeter Road (El Bethel Road) to New Road to US 501. The SELL Alignment LOS are separated into the new alignment segments and segments where a proposed SELL alternative incorporates existing arterial roadways. For example, Alternatives 1, 3, 5, 10, and 11 make use of Holmestown Road, while Alternatives 14 through 16 make use of various segments of SC 544, US 501 and/or Conway Perimeter Road.

Table 2: SELL Alignments and Conway Perimeter Road Maximum LOS

Segments	No Build	ALT 1	ALT 2	ALT 3	ALT 4	ALT 5	ALT 6	ALT 7	ALT 8	ALT 9	ALT 10	ALT 11	ALT 12	ALT 13	ALT 14	ALT 15	ALT 16
SELL (New Alignment)	-	C	D	C	C	C	C	F	F	F	C	C	C	C	F	E	-
SELL (Existing Alignment)	-	F	-	F	-	F	-	-	-	-	F	F	-	-	F	F	F
Conway Perimeter Road	D	B	B	B	B	B	B	B	B	B	B	B	B	B	E	E	C

Based on the LOS shown above, new alignment Alternatives 1, 3 through 6, and 10 through 13 have LOS C, indicating stable flow at or near free flow speeds, but with increased traffic density that begins to restrict maneuverability. New alignment Alternatives 7 through 9 and 14 through 15 result in LOS E or F which indicates unstable traffic flow with high density traffic and frequent traffic back-ups. All existing alignment alternatives have LOS F indicating unstable flow with the traffic demand exceeding roadway capacity. Alternatives 1 through 13 and Alternative 16 help to raise the LOS to LOS B, relieving traffic and congestion on Conway Perimeter Road and creating nearly free flow conditions with traffic generally moving at free flow speeds. Alternatives 14 and 15 result in a LOS E that creates unstable flow conditions and lower traffic speeds.

5.4 Hurricane Evacuation

Hurricane evacuation preparation is a key focus for Horry County to plan for the evacuation of both residents and visitors in the region during storm events. Due to the last hurricane evacuation study for this project being conducted in 2007, an updated study was performed in 2022 utilizing dynamic traffic assignment (DTA) to provide an updated assessment of evacuation behavior and routing simulation to better evaluate the current alternatives for SELL; see **Appendix C: Hurricane Evacuation Report**. Behavioral assumptions as well as roadway assumptions were made during modeling and the key assumptions are listed below:

- US 501 lane reversals are included at SC 544 to SC 378 and from SC 22 to the US 501/SC 576 split in Marion.[4]
- Evacuees are modeled to utilize all routes out of the network to maximize use of the road network and to most accurately model evacuee behavior.
- Evacuees are modeled to either go to a shelter zone or go to a destination zone outside of the GSATS network.
- An 8-hour response time is included within the clearance time to simulate the preparation period for evacuees to pack and enter the network.[5]

Two scenarios were modeled based on how the zones were evacuated. The scenarios of focus were staggered evacuations of zones A, B and C; and simultaneous evacuations of Zones A, B, and C. The staggered assessment modeled the evacuation of all three zones with staggered leave or departure times. This environment assumes that vehicles from all evacuation zones enter the road network at differing times. The simultaneous assessment modeled the evacuation of all three zones with a simultaneous leave time, assuming a "worst case" scenario where all vehicles enter the network at the same time. These scenarios were modeled to determine the clearance time for each alternative. Clearance time is defined as the amount of time from when the first person enters the road network to the last person leaves the network. The network is defined as the boundary of the GSATS network arriving at a hurricane shelter or arriving at a destination outside of the network.

The clearance times differ from previous studies due to differences in the type of modeling conducted as well as the difference in destination points. The previous Hurricane Evacuation Study published in 2007 utilized the Abbreviated Transportation Model tool for modeling the evacuations and determining the clearance times while for this study the TRANSIMS modeling tool utilized the results of the GSATS 2040 Travel Demand Model. The previous study also determined the destination zones to be out of the county or within the county to local residences and hotels while the current study determined destinations to be shelter zones (11 within the region and 5 outside the region located at the edges of the GSATS Travel Demand Model network). The differences in

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[4] Currently, reversing the existing roads (US 501) cause tremendous difficulties for Public Safety and other Governmental functions to continue during evacuation. Having an alternative route would make great improvements in preparing for a storm evacuation.

[5] Annex C to Hurricane Plan Evacuation Zones and Clearance Timing. https://www.scemd.org/media/1332/annex-c-evacuation-zones-and-clearance-timing.pdf

modeling along with the differences in destination points account for the clearance time variations seen between previous studies and the current study. **Table 3: Clearance Times for SELL Alternatives** shows clearance times for the staggered and simultaneous scenarios for each alternative compared to the No-Build.

Table 3: Clearance Times for SELL Alternatives

Alternative	Staggered Scenario Clearance for Zones A-C (hours:minutes)	Simultaneous Scenario Clearance for Zones A-C (hours:minutes)
No-Build	27:39	15:46
Alternative 1	26:36	15:50
Alternative 2	26:44	15:33
Alternative 3	26:47	15:15
Alternative 4	26:50	15:34
Alternative 5	26:47	15:15
Alternative 6	26:50	15:34
Alternative 7	26:50	15:40
Alternative 8	26:47	15:55
Alternative 9	26:47	15:55
Alternative 10	26:48	15:24
Alternative 11	26:48	15:24
Alternative 12	26:47	15:09
Alternative 13	26:47	15:09
Alternative 14	26:53	15:49
Alternative 15	27:11	16:24
Alternative 16	27:02	15:58

The modeling conducted shows clearance times decreased by at least 37 to 63 minutes when compared to the No Build alternative for the staggered scenario, see **Figure 8: Clearance Times for Staggered Evacuation Scenario**. For the simultaneous scenario, Alternatives 2-7, and 10-13 have decreased clearance times when compared to the No Build, see **Figure 9: Clearance Times for Simultaneous Evacuation Scenario**.

Figure 8: Clearance Times for Staggered Evacuation Scenario

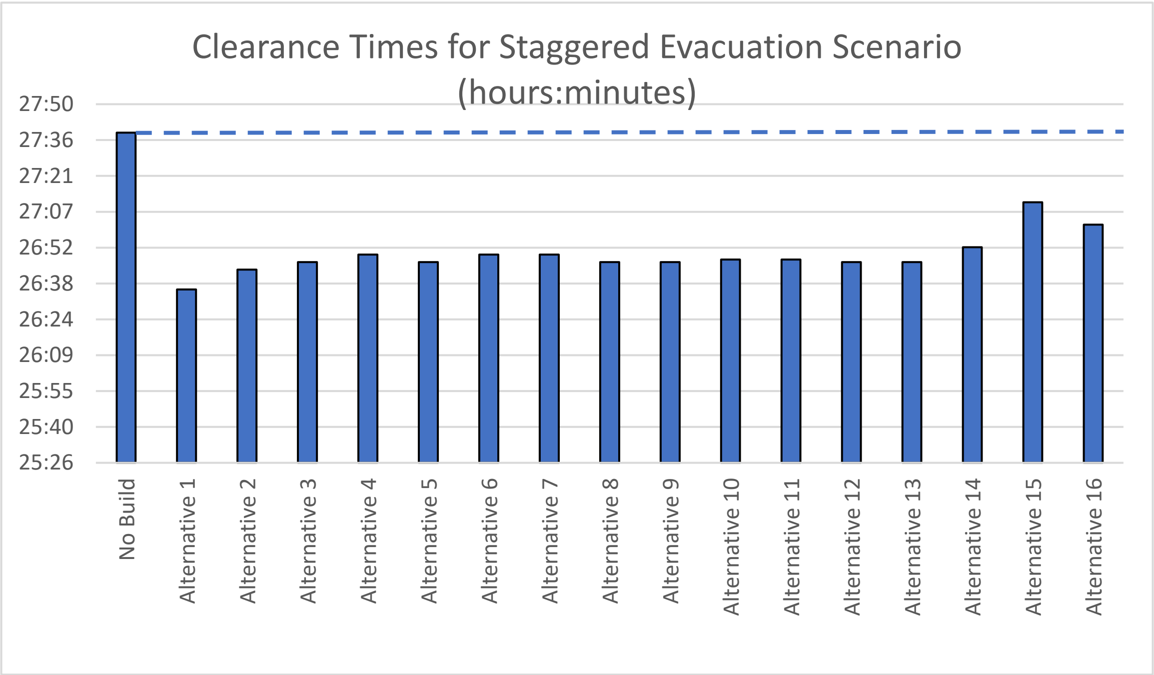
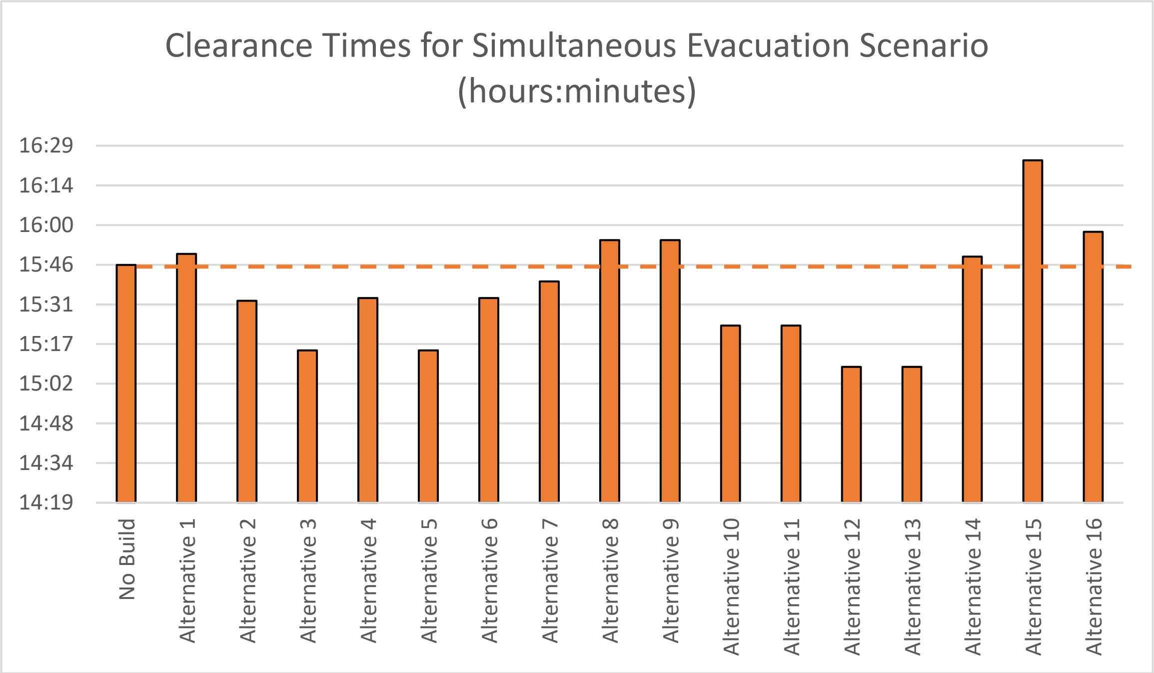


Figure 9: Clearance Times for Simultaneous Evacuation Scenario



Overall, the new location alternatives (Alternatives 1 through 13) result in decreased clearance times for the staggard evacuation scenario when compared to the No Build alternative. The widening of existing location alternatives (Alternatives 14 through 16), which include widening of existing US 501 and SC 544, result in decreased clearance times for the staggered evacuation scenario. For the simultaneous evacuation scenario, Alternatives 1, 8-9, and 14-16 result in a clearance time increase when compared to the No Build alternative.

Why are we seeing an increase in travel time for Alternatives 1,8,9,14,15,16. 14-16 since its widening? But 1,8-9

5.5 Alternatives Environmental Impacts Overview

An environmental impact matrix is included in **Table 4: Environmental Impact Matrix** for each reasonable alternative and the No-build, summarizing the potential impacts to environmental resources. An approximate 300-foot wide corridor was assessed for each alternative. To more precisely estimate impacts to Waters of the U.S. (WoUS) and relocations, more refined corridors based on approximate construction limits were utilized.

The estimated costs for each alternative represent the construction cost projected to the year 2033. Engineering design, right of way acquisition, construction inspection, mitigation and utility relocations are not included in these estimates. A more detailed discussion of environmental resources and their related impacts are included in sections 6 through 19.

Table 4: SELL Environmental Conceptual Impacts Matrix

Alternatives	Waters of the US		Waccamaw National Wildlife Refuge (acres)	Relocations	Cultural Resources	Parks and Recreation Areas	Hazardous Materials Sites	Environmental Justice Communities	Construction Cost*
	Wetland & Pond acres	Stream feet							
1	274.9	9,474	0	85	1	No	11	25	$881,900,000.00
2	290.9	10,422	0	72	1	No	7	28	$928,900,000.00
3	311.4	14,610	0	71	0	No	4	15	$872,500,000.00
4	327.1	15,558	0	64	1	No	0	18	$920,100,000.00
5	255.6	15,016	0	78	0	No	4	16	$893,400,000.00
6	271.3	15,964	0	61	1	No	0	19	$940,900,000.00
7	265.0	13,625	74.37	40	0	Yes	2	16	$904,500,000.00
8	273.4	7,456	74.37	71	2	Yes	10	37	$883,900,000.00
9	276.5	7,459	74.37	94	4	Yes	10	26	$890,000,000.00
10	272.1	8,991	0	100	0	No	12	37	$901,200,000.00
11	275.4	8,991	0	160	0	No	12	27	$951,300,000.00
12	287.5	9,939	0	87	1	No	8	45	$948,800,000.00
13	291.1	9,939	0	110	0	No	8	34	$954,700,000.00
14	76.8	1,578	7.98	94	3	Yes	97	55	$553,300,000.00
15	68.3	1,713	0	108	6	Yes	127	63	$641,300,000.00
16	14.8	1,578	0	98	10	Yes	199	30	$380,100,000.00

The estimated costs for each alternative represent the construction cost projected to the year 2033. Engineering design, right of way acquisition, construction inspection, mitigation and utility relocations are not included in these estimates. A more detailed discussion of environmental resources and their related impacts are included in sections 6 through 19.

6 NATURAL RESOURCES OVERVIEW

The purpose of this natural resources evaluation is to document natural resources and to summarize potential conceptual-level impacts to wetlands, federal and state protected species, and protected habitats. Measures considered to avoid, minimize, and mitigate for potential impacts are also discussed. Natural resources within the PSA were identified based on a review of existing available data from various state and federal agencies (SCDNR, USDA, NRCS, etc.), Geographic Information System (GIS) databases, and WoUS data. Limited field reviews have been conducted at this phase. Specific information regarding data sources, methodology, and potential impacts are presented within the discussion of each resource.

6.1 Potential Impacts to Threatened, Endangered, or Special Status Species

This assessment analyzes potential impacts to federally endangered and threatened species associated with the proposed project. Species with the federal classification of Endangered or Threatened are protected under the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 et seq.). The term "endangered species" is defined as "any species which is in danger of extinction throughout all or a significant portion of its range," and the term "threatened species" is defined as "any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range" (16 U.S.C. 1532).

The term "Proposed" is defined as "any species proposed for official listing as endangered or threatened." The United States Fish and Wildlife Service (USFWS) designation of proposed does not provide federal protection and require no Section 7 consultation under the ESA, however it often indicates that official species classification is imminent.

The bald eagle is no longer protected under the ESA but is afforded federal protection through the Bald and Golden Eagle Protection Act (BGEPA) of 1940. Animal species that are on the South Carolina state protected species list receive protection under the South Carolina Nongame and Endangered Species Conservation Act (South Carolina Code, Title 50). State endangered species are defined as any species or subspecies of wildlife whose prospects of survival or recruitment within the state are in jeopardy or are likely to be in jeopardy within the foreseeable future. It is unlawful for any person to take, possess, transport, export, process, sell or offer for sale or ship, and for any common or contract carrier knowingly to transport or receive for shipment any species or subspecies of wildlife appearing on the state list of protected species without appropriate authorization.

State listed species are gathered from the South Carolina Department of Natural Resources (SCDNR). **Appendix E: Natural Resources Technical Memorandum** includes a USFWS List of Federally Protected Species in Horry County and a USFWS Information for Planning and Consultation (IPaC) List of Federally Protected Species in the PSA. Impact potential for protected species are summarized in **Table 5: Potential for Impacts on Threatened and Endangered Species**.

Table 5: Potential for Impacts on Threatened and Endangered Species

Species	Protection Status	Probability For Potential Substantial Impacts
Atlantic sturgeon (*Acipenser oxyrinchus*)	Endangered	Low
Shortnose sturgeon (*Acipenser brevirostrum*)	Endangered	Low
Finback Whale (*Balaenoptera physalus*)	Endangered	Low
Humpback whale (*Megaptera novaengliae*)	Endangered	Low
Right whale (*Balaena glacialis*)	Endangered	Low
Sei whale (*Balaenoptera borealis*)	Endangered	Low
Sperm whale (*Physeter macrocephalus*)	Endangered	Low
American chaffseed (*Schwalbea americana*)	Endangered	Medium
Kemp's ridley sea turtle (*Lepidochelys kempii*)	Endangered	Low
Leatherback sea turtle (*Dermochelys coriacea*)	Endangered	Low
American wood stork (*Mycteria americana*)	Threatened	Medium
Piping plover (*Charadrius melodus*)	Threatened	Medium
Red-cockaded woodpecker (*Picoides borealis*)	Threatened	Medium
Red knot (*Calidris canutus rufa*)	Threatened	Low
Northern long-eared bat (*Myotis septentrionalis*)	Threatened	Medium
Tricolored bat (*Perimyotis subflavus*)	Endangered (proposed)	Medium
West Indian manatee (*Trichechus manatus*)	Threatened	Low
Seabeach amaranth (*Amaranthus pumilus*)	Threatened	Low
Green sea turtle (*Chelonia mydas*)	Threatened	Low
Loggerhead sea turtle (*Caretta caretta*)	Threatened	Low
Bald eagle (*Haliaeetus leucocephalus*)	BGEPA	Low

Due to the preliminary stage of analysis for the SELL project, no field reviews were conducted within each alternative corridor. A desktop review for any observed sighting of Federal or State listed protected species was conducted (December 2022) using the South Carolina Natural Heritage Database. The PSA was analyzed within the context of all 16 alternative corridors. Potential effects to critical habitat overlap were identified within the PSA for the piping plover.

Based on initial desktop review, several known records of protected species were identified. These include the following:

1. Bald Eagle was observed in 2022 at Lake Busbee, within 1 mile of Alternative Corridors 14-16.
2. American chaffseed was observed in 1954 (possibly extirpated now) just east of SC 544 and just south of US 378. This observed sighting is located right within Alternative Corridors 15 and 16. Another American chaffseed sighting was observed in 1985 (possibly historic) west of US 17 and just south of Freewoods Road. No alternative corridor is located at this sighting.

3. A Rafinesque's big-eared bat (*Corynorhinus rafinesquii*) roost was observed in 2022 along US 701 at the southernmost portion of the PSA. No alternative corridor is located at this location. This is a state endangered species.
4. The red-cockaded woodpecker (RCW) is documented to occur in Horry County. There were two recorded sightings within two miles of the study area: in Brookgreen Gardens and on Sandy Island in 2008. During preliminary field investigations, RCW populations were identified on the Grand Strand Water and Sewer Authority property near Bucksport in 2008. Information regarding active colonies was collected during multiple field investigations and used to shift previous alternative alignments.

Migratory birds that are of concern either because they occur on the USFWS Birds of Conservation Concern list or warrant special attention in the PSA were identified. Forty-two bird species were noted and can be found in **Appendix E: Natural Resources Technical Memorandum.**

The potential direct upland impacts to plant species may occur during construction and include excavation and fill to accommodate the roadway footprint and temporary or permanent clearing of the roadway and right-of-way. The potential indirect upland impacts may result from mowing and other maintenance, utility installation, and increased development. Habitat reduction and fragmentation would result from both direct and indirect impacts. Impacts to upland plant communities from highway construction could include:

- Conversion of mature and forested plant communities to edge or regularly disturbed communities
- Introduction and spread of invasive, exotic species that are adapted to early-successional (or disturbed) habitats
- Dust and sediment settling that reduces the rates of photosynthesis and respiration
- Changes in soil chemistry due to chemical deposition from highway runoff and airborne substances
- Fragmentation of habitat that restricts reproduction and spread of native plant and animal species
- Reduction in pollination and seed dispersal resulting from impacts to associated faunal species

The potential direct upland impacts to wildlife within upland communities include habitat loss and fragmentation. Wildlife populations may also experience disruptions in mating, feeding, or migratory patterns due to habitat disturbance and road noise. Short-term displacement of wildlife populations will likely result during roadway construction for species who are habituated to human activities and disturbances and are expected to return following construction. Larger species requiring large, contiguous and undisturbed habitat such as the American black bear (*Ursus americanus*) may be permanently displaced and additional study with refined alternatives would be required.

6.2 Potential Impacts to Waters of the U.S.

A desktop survey utilizing available mapping resources along with limited field verification reviews was conducted for each alternative corridor for the presence of potential Waters of the U.S. (WoUS) during March and April 2021. The purpose of this task was to identify potential WoUS that could be incorporated into a preliminary alternative analysis to evaluate preliminary impacts. This evaluation captured potential WoUS based on Charleston District U.S. Army Corps of Engineers (USACE) guidelines for a preliminary jurisdictional determination

(PJD). These aquatic features were assessed based on the "Revised Definition of Waters of the United States," published on January 18, 2023 and effective March 20, 2023 (33 CFR Part 328). The desktop delineation process included the initial identification of aquatic resources including wetlands, streams, open waters, nonaquatic linear conveyances, and potential low flow channels. Subsequent wetland delineations and jurisdictional determinations will be appropriately conducted as the project progresses. Impacts to WoUS are summarized in **Table 6: Estimated WoUS Impacts within each Alternative Corridor**.

Table 6: Estimated WoUS Impacts within each Alternative Corridor

Alternative	Wetland (Acres)	Stream (Linear Feet)	Open Water (Acres)
1	273.8	9,474	1.1
2	289.4	10,422	1.5
3	310.7	14,610	0.7
4	326.1	15,558	1.0
5	254.9	15,016	0.7
6	270.3	15,964	1.0
7	260.9	13,625	4.1
8	269.2	7,456	4.2
9	272.2	7,459	4.3
10	271.3	8,991	0.8
11	274.4	8,991	1.0
12	286.3	9,939	1.2
13	289.8	9,939	1.3
14	74.8	1,578	2.0
15	66.3	1,713	2.0
16	14.7	1,578	0.1

There is a wide variety of WoUS within the PSA freshwater including wetlands, braided wetland/stream complexes, coastal plain streams, estuarine waters, and ponds. Quality, function, and value of WoUS would be assessed on the final range of proposed alternatives so that avoidance and minimization can be maximized.

It is anticipated that the SELL project will require an Individual Permit (IP) due to the level of impacts anticipated to WoUS. In addition, a Section 401 Water Quality Certification, Navigable Waters Permit, a USACE Permit for 404 Discharges, and South Carolina Department of Health and Environmental Control, Office of Ocean and Coastal Resource Management (SCDHEC-OCRM) Costal Zone Consistency Certification are anticipated. In its evaluation of permit applications to discharge dredged or fill material into WoUS, including wetlands, the USACE is required to analyze alternatives to the proposed project that could achieve its purpose and need. Practicable means that the alternative is able to achieve the overall project purpose, and is also feasible considering three primary factors: cost, logistics, and/or existing technology. These conditions would be discussed in detail following public engagement and a forthcoming permit application to the USACE.

Potential direct impacts to wetlands, streams, and open waters in the PSA may include excavation, fill to accommodate the roadway footprint, temporary or permanent clearing of the roadway and right-of-way, culvert installation, and drainage improvements. Indirect impacts may result from mowing and other maintenance, utility installation, and induced growth. Direct and indirect impacts to wetlands, streams, and open waters could include:

- Conversion to other community types including uplands such as urban land use/impervious surface
- Loss of wetland functions and values, including alterations in surface and sub-surface water storage and retention, reduced pollutant uptake and filtration, and reduced habitat and wildlife diversity
- Water quality degradation of streams and open waters through point and nonpoint source pollution

6.3 Potential Impacts to Water Quality

In accordance with Section 303(d) of the 1972 Federal Clean Water Act (CWA), SCDHEC evaluates water bodies identified as impaired for appropriate inclusion on the Section 303(d) list. The 303(d) list is a State list of waters that are not meeting water quality standards or have impaired uses. The 303(d) list targets water bodies that do not meet water quality standards set for the state for water quality management, as well as identifying the cause(s) of the impairment and the designated classifications. A TMDL, or Total Maximum Daily Load, is the amount of a single pollutant (e.g., bacteria, nutrients, metals) that can enter a waterbody on a daily basis and still meet water quality standards set forth by the State. "TMDL" refers to both the calculation of a pollutant entering a waterbody, as well as a document which includes this calculation along with source assessments, watershed and land use information, reductions and allocations information, implementation and other relevant information, maps, figures and pictures. The TMDL parameter measured within the project boundaries is dissolved oxygen (DO). There are 20 water quality stations within the PSA with 18 stations having an SCDHEC 303(d) listing of Impaired; two are not listed; see **Appendix E: Natural Resources Technical Memorandum.**

Due to the existing water quality impairments, a TMDL is approved within the PSA watershed under the DO parameter. SCDHEC may require additional water quality protection and stormwater treatment measures during and after construction. However, the proposed project is not anticipated to contribute to these impairments or have long term impacts on water quality within the impaired watersheds. During construction activities, temporary siltation may occur in adjacent waters and erosion may occur at a more rapid rate. It is recommended that the contractor minimize this impact through implementation of construction best management practices, reflecting policies contained in 23 CFR 650 B and S.C. Code of Regulations 72-400. The SCDOT has also issued an Engineering Directive Memorandum (Number 23), dated March 10, 2009, regarding Department procedures to be followed in order to ensure compliance with S.C. Code of 72-400, Standards for Stormwater Management and Sediment Reduction. Exposed areas may be stabilized by following the Department's Supplemental Technical Specification for Seeding (SCDOT Designation SC-M-810 (11-08)).

The groundwater resources located within the PSA come from the Southeastern Coastal Plain Aquifer System. The PSA includes four hydrogeologic systems Surficial Aquifer, Black Creek Aquifer, Middendorf Aquifer, and the Cape Fear Aquifer. Many individuals within the PSA who have private wells rely on the Surficial Aquifer. Historically, the Black Creek Aquifer has been the most important source of groundwater in Horry and Georgetown Counties, and is used extensively for municipal, industrial, and domestic water supplies. The water quality is generally considered good; however naturally elevated levels of fluoride, chloride, and sodium have reduced water consumption in some locations. The Middendorf Aquifer is not generally utilized as often due to the presence of the more shallow and economically accessible aquifers above it (the Black Creek Aquifer and the Surficial Aquifer). Very few wells utilize the Cape Fear Aquifer due to the same reasons and therefore little is known about this aquifer.

Potential point and nonpoint source pollution impacts could occur to groundwater resources. Construction activities may expose groundwater resources, leading to potential inputs of pollutants, such as sediment and petroleum. Inputs of point and nonpoint source pollution may lead to decreased water quality of ground water.

6.4 Potential Impacts to Soils

At 1,134 square miles, Horry is the largest county in South Carolina by land mass and is comprised of predominantly undeveloped land including mixed pine forests, riverine forest systems, and pine plantations in various stages of development including clear-cuts, seedlings and mature stands; see **Appendix E: Natural Resources Technical Memorandum**. The PSA is generally located in the southwestern portion of Horry County. The origins of soil parent material are the unconsolidated material in which a soil forms. It determines the mineral and chemical composition of the soil. The parent materials in the soils of Horry County are marine or fluvial deposits, which contain varying amounts of sand, silt, and clay. Thirty-three different soils were identified in common among all 16 alternatives, in addition to other various soils specific to each alternative.

The project will have both short-term construction-related impacts, as well as long-term operational impacts on soils in the PSA; however, these impacts are not considered substantial.

7 FLOODPLAINS

Floodplain and floodway protection are required under several federal, state, and local laws, including Executive Order 11988 entitled “Floodplain Management,” which requires federal agencies to avoid making modifications to and supporting development in floodplains wherever practical. The Federal Emergency Management Agency (FEMA) administers the National Flood Insurance Program. Floodplains subject to inundation by the one percent-annual-chance (100 year) flood event are regulated by FEMA. Based upon a review of the floodplain mapping and a GIS analysis of the PSA, each of the 16 alternative corridors cross FEMA-regulated Zone A floodplains, Zone AE floodplains, and regulated floodways. Zone A is an area subject to inundation by the 1% annual chance flood event determined using approximate methodologies. Zone AE indicates that the water surface elevations were determined using detailed hydrologic and hydraulic analyses. Regulated floodways have an established floodway elevation and width that is determined through detailed studies.

In accordance with Executive Order 11988, a hydraulic analysis must be conducted for an encroachment of a FEMA-regulated floodplain. The hydraulic analysis is used to determine if the project is likely to increase the risk of flooding within the floodplain. To meet the requirements of a "No-Rise" condition, FEMA requires projects which would encroach on Regulated Floodways and floodplains to result in a change no greater than 0.1 feet from the established 100-year flood elevations. Furthermore, SCDOT requires all Zone A crossings to be analyzed for the 100-year flood to ensure that the floodplain encroachment does not cause one foot or more of backwater when compared to unrestricted or natural conditions.

7.1 Impacts to Floodplains

The encroachment of the FEMA-regulated floodplains within the PSA are not anticipated to increase the risk of flooding within these floodplains and the proposed project would be designed to meet the "No-Rise" requirements. A preliminary hydraulic analysis will be performed for each encroachment of a FEMA-regulated floodplain and a detailed hydraulic analysis will be performed during final design, see **Appendix F: Floodplain Checklist**.

8 FARMLANDS

The Farmland Protection Policy Act of 1981 (FPPA) was enacted by Congress to minimize the unnecessary and irreversible conversion of farmland soils to nonagricultural uses, and to assure, to the extent practicable, that federal, state, and local policies are used to protect farmland soils. Farmland soils can be prime farmland soils, unique farmland soils, or farmland soils of statewide or local importance. Prime farmland soils are defined as soils that consistently produce the greatest yields with minimal inputs of energy and economic resources, and farming these soils involves the least environmental impact.

The U.S. Department of Agriculture (USDA)/Natural Resource Conservation Service (NRCS) Web Soil Survey was evaluated and a Custom Soil Resource Report for farmlands was obtained for the SELL PSA, specifically for within the 16 alternative corridors (**Appendix G: Farmlands and Soil Resource Report**). The alternative corridors contain soils classified as prime farmland and farmland of statewide importance; herein simply noted as farmland. Portions of the alternative corridors are also considered "Not prime farmland" by the U.S. Web Soil Survey and the soils are classified as urban land (UR). According to the U.S. Census Bureau, Alternatives 8 through 16 cross the Myrtle Beach-Socastee, SC-NC Urbanized Area.[6] According to the FPPA, a project is not subject to FPPA review if the affected land is in an urbanized area, within a municipal boundary, or the adjacent area is in urban use. Portions of these alternatives meet this condition.

[6] U.S. Census Bureau. (2012, March 12). 2010 Census Urbanized Area Reference Map: Myrtle Beach-Socastee, SC--NC. Retrieved December 14, 2022, from https://www2.census.gov/geo/maps/dc10map/UAUC_RefMap/ua/ua60895_myrtle_beach--socastee_sc--nc/DC10UA60895.pdf

8.1 IMPACTS TO FARMLANDS

Because the alternative corridors contain soils classified as FPPA farmlands, the proposed project has the potential to convert important farmland to nonfarm use. Therefore, NRCS's Farmland Conversion Impact Rating for Corridor Type Projects form (form NRCS-CPA-106) was completed for all portions that are not in a municipal boundary or urban area (see **Appendix G** for all farmland conversion forms). The areas within each alternative corridor that fell within a municipal boundary or urban area (the Horry County Municipal Boundaries) were not quantified/included in farmland impacts calculations. For the farmland conversion form, impacts were broken down into direct and indirect impacts based on the proposed conceptual design. Direct impacts were calculated based on where farmlands exist within a 10-foot-buffer of the final travel way line based on conceptual design. The indirect impacts were based on the outside edge of the travel way buffer to the alternative corridor boundary for each alternative.

The NRCS farmland conversion form is used to determine if notable farmland conversion impacts are anticipated. The total score is comprised of (1) the relative value of farmland score and (2) the corridor assessment criteria score. The relative value of farmland (to be converted by the referenced alternative) score is assessed on a scale of 0 to 100 and is completed by NRCS; therefore, it is assumed to be 100 points for all alternatives. The corridor assessment criteria score pertains to the use of land, the availability of farm support services, investments in existing farms, and the amount of land that could be rendered nonfarmable due to construction of the proposed project. The total corridor assessment has a scale of 0 to 160 points. Sites/corridors receiving highest scores up to a maximum of 260 (for the two parts) are considered most suitable for protection while those with the lowest scores are considered least suitable. Corridors receiving scores less than the maximum allowable score of 160 are to be given minimal consideration for FPPA protection. Therefore, if the total score is less than the threshold score of 160 established by NRCS, the project area is not considered a priority for protection nor are alternative sites or additional studies required under the FPPA. Refer to **Appendix G** for the Farmland Impact Conversion Rating Forms (NRCS-CPA-106) for each alternative and the NRCS Soil Resource Report for the project.

As indicated in the forms in **Appendix G**, the preliminary corridor assessment criteria analysis resulted in a score of 73 to 80 for all alternatives, and the relative value of farmland is assumed to be 100 for a total score of 173 to 180 for the project alternatives. This total score, as shown in **Table 7: Farmland Impacts for each Alternative**, is greater than the NRCS affect threshold score of 160. However, based on an agreement with NRCS and SCDOT, if a site's corridor assessment score is less than 100, no additional assessment by the NRCS district office would be necessary. Therefore, no further coordination with NRCS or mitigation is required. As such, these sites are considered least suitable, and the alternative corridors would not be considered a priority for protection and no alternative sites nor additional studies are required under the FPPA. Total amount of FPPA farmlands, impacts to farmlands, and the total impact conversion rating score was quantified for each alternative, and is shown in **Table 7: Farmland Impacts for each Alternative**.

Table 7: Farmland Impacts for each Alternative

Project Alternatives	Total amount of FPPA farmland (acres) in corridor	Direct farmland impact (acres)	Indirect farmland impact (acres)	Total farmland impacts (acres)	Farmland conversion impact rating total score
1	819	305	380	685	180
2	831	315	391	706	180
3	826	326	368	694	180
4	838	335	379	714	180
5	887	323	426	749	180
6	898	336	435	771	180
7	772	300	330	630	180
8	779	234	363	598	180
9	777	238	364	602	180
10	930	304	479	783	180
11	929	305	483	788	180
12	942	311	492	803	180
13	941	311	497	808	180
14	144	5	16	21	176
15	161	4	13	17	176
16	149	2	10	12	173

Based on the analysis, all alternatives would impact farmlands, but Alternatives 14, 15, and 16 would result in the fewest impacts, primarily due to a large portion of the corridors crossing the Myrtle Beach-Socastee Urbanized Area and the adjacent future Conway Perimeter Road Project utilized by Alternatives 14 and 15. The Conway Perimeter Road project is an existing committed project with funding that is assumed to be built, therefore, no impacts are calculated within that project area.

9 HAZARDOUS MATERIALS

A hazardous material is one that is considered explosive, flammable, toxic, poisonous, corrosive, oxidizing, irritating or otherwise harmful and is likely to be damaging to human health or the environment. If a designated quantity of any of these substances is spilled or released into the environment, it must be reported to the USEPA.

Many types of businesses generate hazardous wastes including service stations, hospitals, dry cleaners, auto repair shops, exterminators, petroleum companies and chemical manufacturers. The Resource Conservation and Recovery Act (RCRA) of 1976 created a hazardous waste management system to regulate businesses including local, state and federal government facilities that generate, transport, treat, store, or dispose of hazardous waste materials. Each entity is regulated to ensure proper management of hazardous material from the moment it is generated until its ultimate disposal or destruction. The RCRA only regulates active and non-historical sites. In 1980, the Comprehensive Environmental Response, Compensation, and Liability Act or Superfund was created to protect individuals and communities from heavily contaminated toxic waste sites that had been abandoned. The Hazardous and Solid Wastes Amendments Act was added in 1984 and in 1986 the law was expanded further to regulate underground storage tanks and other leaking waste storage facilities.

Federal and state databases of environmentally regulated sites are maintained by the SCDHEC. Sites with documented contamination, as well as those that are potential sources of contamination were identified. These sites are documented as falling into one of the following categories:

- Underground Storage Tanks (USTs): An UST is a tank and any underground piping connected to the tank and can hold petroleum or other hazardous materials.
- Leaking Underground Storage Tanks (LUSTs): A UST that is currently or has previously been documented leaking petroleum or other hazardous materials.
- Aboveground Storage Tanks (ASTs): An AST holding oils of any kind or other hazardous materials.
- Hazardous Waste Generators: A generator is any person who produces a hazardous waste as listed or characterized in 40CF part 261 of title 40. The volume of hazardous waste each generator produced in a calendar month determines which regulations apply to that generator. If the quantity of hazardous waste produced in a month is small, they are categorized as small quantity generators. If the quantity of hazardous waste produced in a month is large, they are categorized as large quantity generators.
- Hazardous Waste Treatment, Storage, and Disposal sites (TSD): TSD facilities provide temporary storage and final treatment or disposal for hazardous wastes. Since they manage large volumes of waste and conduct activities that may present a higher degree of risk, TSD facilities are stringently regulated.
- Drycleaners: Dry cleaning operations produce toxic air pollutants from the solvent used in the cleaning process such as petroleum and perchloroethylene. Petroleum solvents used in dry cleaning operations can release some toxic air pollutants and volatile organic compounds.
- Solid Waste Facilities/Landfill Sites: This type of site typically contains an inventory of solid waste disposal facilities or landfills in a particular state.
- State Hazardous Waste Sites (SHWS): SHWS records are the states' equivalent to federal record-keeping system, Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties.
- Brownfields Sites: A brownfield is a property, where the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.
- Coal Ash sites: A listing of power plants that store ash in surface ponds.
- Voluntary Cleanup Sites are those participating in the voluntary cleanup program. Once SCDHEC staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or

remediation, the party enters into a voluntary cleanup contract. Staff oversee the cleanup efforts to ensure that activities are performed to SCDHEC satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

- Contaminated Groundwater Remediation Sites: An inventory of all groundwater contamination cases in the state.

9.1 Impacts to Hazardous Materials

Hazardous materials records for Horry County were reviewed in February of 2023 and an Environmental Database Report (EDR) was generated (see **Appendix H: EDR Area/Corridor Report**). A spatial layer was created for this data with each site on a database represented by a single point. Based on the size of the SELL project, a Phase I ESA has not been conducted for each of the 16 alternatives. These sites are being identified during this preliminary phase to potentially avoid and minimize impacts. Field verification of hazardous sites in relation to the SELL project would be conducted during subsequent phases. **Table 8: Hazardous Materials Impacted by each Alternative** provides an overview of the hazardous material sites potentially encountered by each alternative.

Table 8: Hazardous Materials Impacted by each Alternative

Alternative	Number of Hazardous Materials Sites Impacted
1	11
2	7
3	4
4	0
5	4
6	0
7	2
8	10
9	10
10	12
11	12
12	8
13	8
14	97
15	127
16	199

In general, Alternatives 14, 15, and 16 are located in the urban and developed portions of Conway. The numerous businesses along corridors such as US 501 result in a higher number of hazardous material sites. Further study of hazardous materials within the SELL project will be necessary. Field verifications and current status of remediation should be verified and documented. Upon the narrowing of alternatives, the current status of the sites, proximity to the SELL corridor, and potential for the project to impact the site would be considered.

10 CULTURAL RESOURCES

The statewide cultural resources database, ArchSite, was queried (September 2020). The query extracted all records for cultural resources recorded within the SELL study area (see **Appendix I: Cultural Resources Memo**). Historic and cultural resources can include buildings, structures, objects, districts, archaeological sites, or features associated with people or past events in history. For this study, culturally sensitive resources were defined as all resources listed, eligible, or unevaluated for listing on the National Register of Historic Places (NRHP) and cemeteries.

The National Historic Preservation Act of 1966, as amended, created the NRHP and states that federally funded projects cannot arbitrarily destroy historic and cultural resources listed on the NRHP. Properties and sites listed on the NRHP may be above ground resources, such as buildings, classified as architectural, or below ground resources, such as prehistoric sites, classified as archeological. Section 106 of this Act requires federal projects, or those using federal funding, to assess the project's impacts on sites eligible for listing on the NRHP. Executive Order 11593 requires sites meeting the criteria for listing but that not listed on the NRHP, to be treated and afforded the same protections as those listed on the NRHP.

10.1 Impacts to Cultural Resources

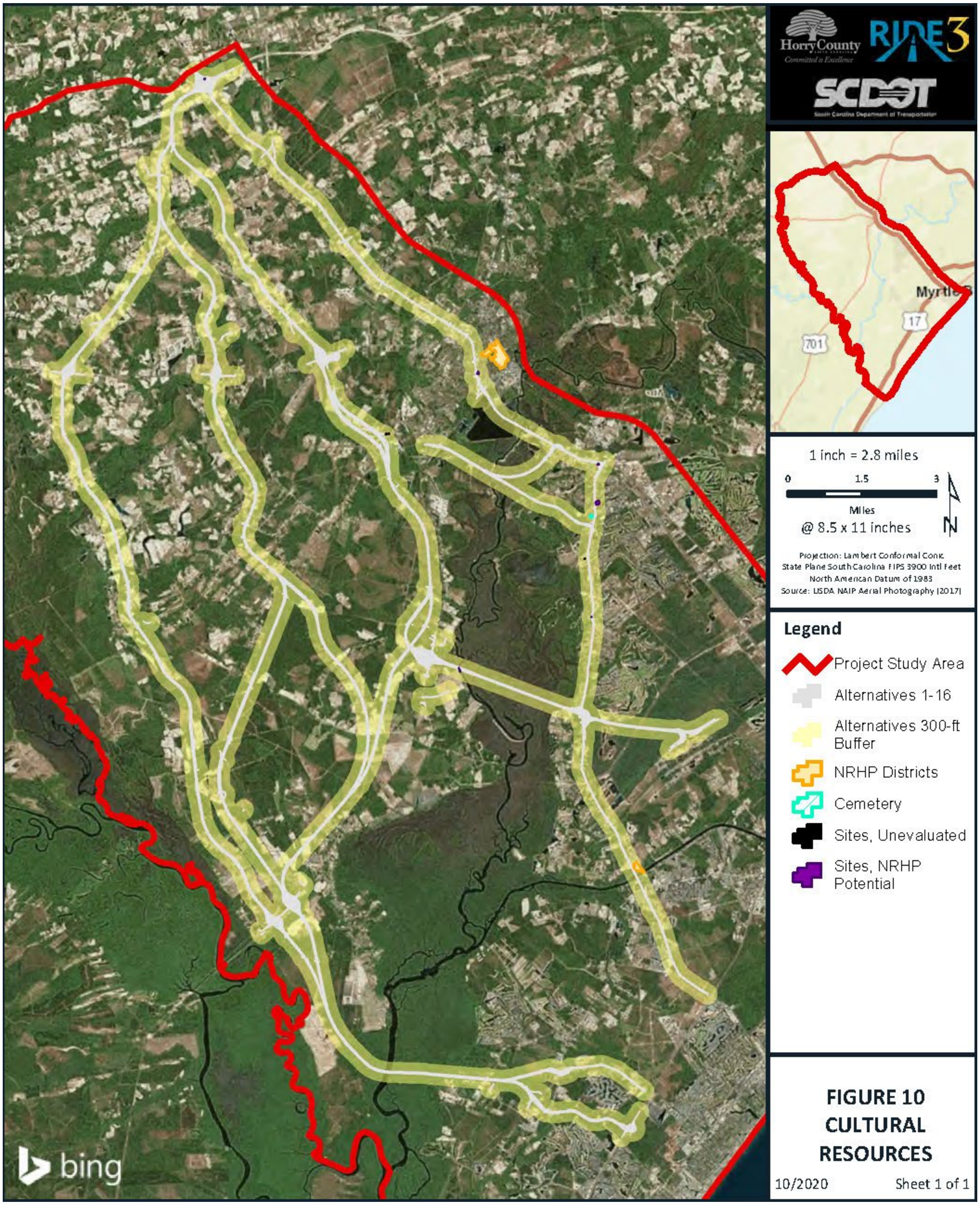
The identified resources include historic districts, archaeological sites, structures, and cemeteries. A query identified 110 known, or previously documented, culturally sensitive resources within the SELL study area. This includes 32 resources that are listed on the NRHP and 73 resources that are eligible or unevaluated for listing. Of the 110 known resources, 30 cultural resources are impacted among the 16 alternatives evaluated. The number of resources impacted by each alternative are shown in **Table 9: Known Cultural Resource Impacts.**

Table 9: Known Cultural Resources Impacts

Alternative	NRHP listed or eligible sites	NRHP listed or eligible historic districts	Unevaluated Sites	Cemeteries	Total
1	1	--	--	--	1
2	1	--	--	--	1
3	--	--	--	--	0
4	1	--	--	--	1
5	--	--	--	--	0
6	1	--	--	--	1
7	--	--	--	--	0
8	2	--	--	--	2

Alternative	NRHP listed or eligible sites	NRHP listed or eligible historic districts	Unevaluated Sites	Cemeteries	Total
9	2	--	2	--	4
10	--	--	--	--	0
11	--	--	--	--	0
12	1	--	--	--	1
13	--	--	--	--	0
14	1	1	1	--	3
15	3	1	1	1	6
16	6	2	1	1	10

Figure 10: Potential Cultural Resource Impacts:



11 DISPLACEMENTS

Each of the alternatives would require the acquisition of property to complete the project. The acquisition of property for Right-of-Way must be in accordance with State Law 28-11-10 and the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646, as amended by 100-17; 49 CFR Part 24 Section 205). This Act was enacted by congress in 1971 to assist residents, organizations, and businesses displaced by public agencies in relocating without suffering a disproportionate loss. In addition to just compensation for the acquired property, equitable compensation normally associated with relocations is included as a part of the relocation assistance program. In response to the non-discrimination requirements in Title VI of the Civil Rights Act of 1964, the relocation advisory assistance shall be provided to all eligible persons without discrimination.

11.1 Displacement Impacts

Residential homes and commercial buildings located within the estimated right of way for the project are considered a potential relocation. Each of the remaining alternatives was evaluated utilizing survey-grade mapping and high-resolution aerial photography to determine the number of potential relocations that may be required under each alternative scenario. Potential relocations for each alternative are summarized in **Table 10**: **Relocations of each Alternative.**

Table 10: Relocations for each Alternative

Alternative	Number of Relocations
1	85
2	72
3	71
4	64
5	78
6	61
7	40
8	71
9	94
10	100
11	160
12	87
13	110
14	94
15	108
16	98

The total number of potential relocations ranges from a minimum of 40 to a maximum of 160 among alternatives. Specifically, Alternatives 11 and 13 would result in the greatest number of relocations. As it is the goal of Horry County to minimize impacts to its citizens, the total number of potential relocations will be considered when determining Reasonable Alternatives.

Potential relocations are based on conceptual alternative designs. As project design advances and final construction plans are completed, further measures to avoid and minimize impacts will occur, which may lower the number of total anticipated relocations.

12 AIR QUALITY

The National Ambient Air Quality Standards (NAAQS) were established by the U.S. Environmental Protection Agency (USEPA) under the Clean Air Act (CAA), as amended, to protect public health, the environment, and the quality of life from the detrimental effects of air pollution. The NAAQS have been set for the following six criteria pollutants: carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO2), ozone (O3), particulate matter (PM), and sulfur dioxide (SO2). Mobile sources from on road vehicles contribute to four of the six criteria pollutants: CO, NO2, O3, and PM.

In accordance with the CAA, all portions of South Carolina are designated as in attainment, nonattainment, or unclassifiable for meeting NAAQS standards. An area with air quality that is better than NAAQS standards is considered to be in attainment, while an area with air quality that is worse than NAAQS standards is considered to be in nonattainment. If there is a lack of information for determining an attainment status, the area is designated as unclassifiable. Each state determines which areas within its boundaries are designated to be in attainment or nonattainment and must develop a State Implementation Plan (SIP) to ensure that areas achieve and/or maintain attainment status for NAAQS standards. The Clean Air Act Amendments (CAAA) of 1990 require that transportation plans, programs, and projects in nonattainment or maintenance areas that are funded or approved by FHWA, who are not currently involved at this time, be in conformity with the SIP. A review of air quality data determined that all counties in South Carolina are currently in attainment for the criteria pollutants. Therefore, conformity does not apply, and the proposed project would comply with the NAAQS.

In addition to the criteria air pollutants, USEPA also regulates air toxics. Most air toxics originate from human-made sources, including on-road mobile sources, nonroad mobile sources (i.e., airplanes), area sources (i.e., dry cleaners) and stationary sources (i.e., factories or refineries).

12.1 AIR QUALITY IMPACTS

Temporary air quality impacts could occur during project construction and would be in the form of emissions from construction equipment, dust from construction embankment, and clearing of areas prior to paving or revegetation. During construction, slowed traffic through construction areas may produce additional emissions. Emissions from construction equipment are anticipated to have a minimal impact on air quality due to the amount of time it would take to construct the proposed roadway improvements.

For each alternative, the amount of mobile source air toxics (MSAT) emitted will be proportional to the VMT, assuming that other variables such as fleet mix are the same for each alternative. Because the VMT estimated for the no-build alternative is higher than for any of the build alternatives higher levels of MSAT are not expected for any of the build alternatives compared to the no-build. The estimated VMT for the no-build would be higher than that of the build alternatives because the additional/new roadway would increase the efficiency of the other roadways and attract rerouted trips from elsewhere in the transportation network. In addition, because the estimated VMT under each of the alternatives are nearly the same, it is expected there would be no appreciable difference in overall MSAT emissions among the various alternatives. Also, regardless of the alternative chosen, new USEPA engine and fuel standards will cause overall MSAT emissions to decline over the next several decades. According to FHWA's Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents (January 2023), USEPA control programs are projected to reduce annual MSAT emissions by 76 percent from 2020 to 2060 even if VMTs increase.[7] Local conditions may differ from these national projections in terms of fleet mix and turnover, VMT growth rates, and local control measures. However, the magnitude of the USEPA-projected reductions is so great (even after accounting for VMT growth) that MSAT emissions in the PSA are likely to be lower in the future in virtually all locations/along all alternative alignments.

Under each alternative there may be localized areas where VMT would increase and other areas where VMT would decrease. Therefore, it is possible that localized increases and decreases in MSAT emissions may occur. The localized increases in MSAT emissions would likely be most pronounced along the segments of new roadway alignment that would be built adjacent to development/developed areas, most notably under Alternatives 12, 13, 14, 15, and 16. However, even if these increases do occur, they too will be substantially reduced in the future due to implementation of USEPA's vehicle and fuel regulations. In sum, under all build alternatives in the design year it is expected there would be reduced MSAT emissions in the immediate area of the project, relative to the no-build alternative, due to the reduced VMT associated with more direct routing, and due to USEPA's MSAT reduction programs.

This project has been determined to generate minimal air quality impacts for CAA criteria pollutants and has not been linked with any special MSAT concerns. As such, this project would not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause an increase in MSAT impacts of the potential build alternatives from that of the no-build alternative.

13 LAND USE

The SELL PSA is primarily within Horry County, with a small portion in Georgetown County. None of the alternatives cross Georgetown County and this land use discussion primarily focuses on Horry County. The PSA can also be described by areas generally from east to west to identify land uses more regionally: Burgess, Socastee, Bucksport, Bucksville, Waccamaw National Wildlife Refuge (WNWR), and Conway. Myrtle Beach, Surfside Beach, and Murrells Inlet also fall within the eastern edge of the SELL PSA, but are outside the alternative corridors.

[7] FHWA (2023, January 18). Memorandum: Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents. Retrieved January 30, 2023, from https://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/msat/index.cfm

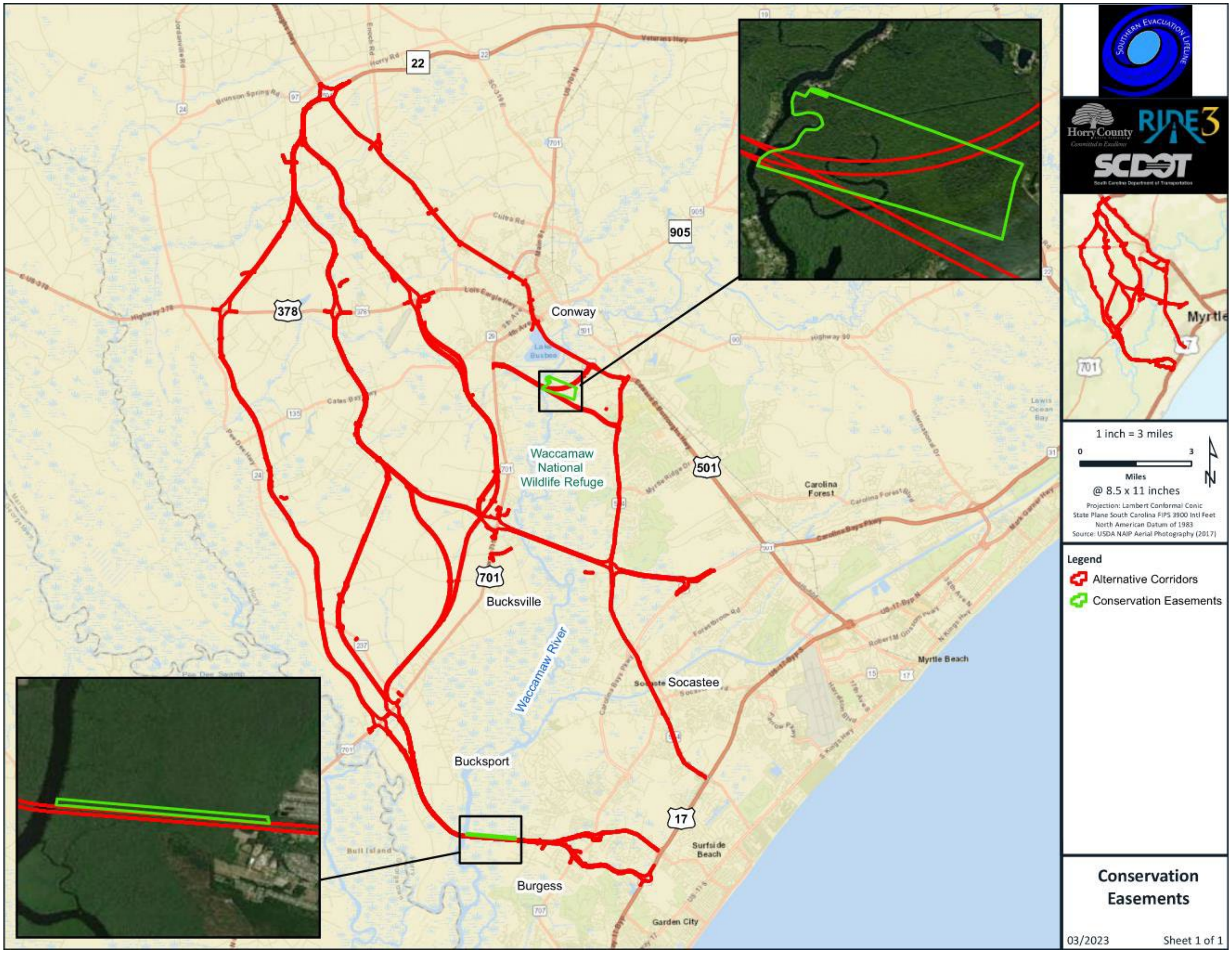
The Horry County IMAGINE 2040 Comprehensive Plan (IMAGINE 2040 Plan) was adopted in 2019.[8] This plan was created by studying the existing conditions of the community to identify practical implementation strategies to help the County reach its preferred future goals. The IMAGINE 2040 Plan addresses land development decisions, capital projects, and many other governmental decisions that might impact the future health of the County.

Various local plans were also adopted as amendments to the IMAGINE 2040 Plan, including but not limited to two neighborhood plans; the Bennett Loop Neighborhood Revitalization Plan (2015, Burgess Community Area Plan (2012) and the Racepath Neighborhood Revitalization Plan (2014). Neighborhood plans were implemented with the intent to stabilize and improve the conditions of low-to-moderate income deteriorating communities in the hopes of providing improved quality of life for its residents. Another plan that was adopted was a farmland preservation plan, the Highway 319 Rural Heritage Area Plan (2011), that was created to protect the rural and agricultural heritage of the corridor between Conway and Aynor.

According to the IMAGINE 2040 Plan, current land uses within the SELL PSA in Horry County include municipal, rural (agricultural and forestland), vacant land, residential (single-family, multifamily), business/commercial, industrial and utility, transient lodging, golf course, public and institutional, conservation preservation, and roadway right-of-way. Most of the county land is vacant, specifically away from the coast, followed by agricultural and forestland. Regionally in the PSA, existing land use is primarily rural (agricultural/forestland) around Burgess, single-family residential around Socastee, industrial and vacant land around Bucksport, rural (agricultural/forestland) around Bucksville, conservation/preservation around the WNWR, and municipal and golf course around Conway. In addition, there are two conservation easements/parcels within the WNWR /along the Waccamaw River that were purchased by nonprofit conservation organizations. One easement/parcel is near Bucksport, and one is near Conway south of Lake Busbee. These areas are shown in **Figure 11: Conservation Easements**.

[8] Horry County (2019, December 10). Horry County IMAGINE 2040 Comprehensive Plan. Retrieved January 12, 2023, from https://www.horrycountysc.gov/media/54ymmrnu/adopted-imagine-2040-with-12-08-2020-amendment-compressed.pdf

Figure 11: Conservation Easements



The existing land use pattern in the county is influenced by development that preceded zoning and land development regulations. According to Horry County's IMAGINE 2040 plan, the county is in a growth and development phase and is undergoing rapid development. New development consumed more than 53 square miles of land in Horry County from 1996 to 2010, primarily for new subdivisions. Thereby, some future land uses within the county and specifically the PSA include commercial corridors, neighborhood activity center, scenic and conservation, economic activity center, rural, municipality, suburban, rural activity center, rural communities, and community activity centers and follow the development trend. Regionally, Burgess includes "suburban use" and a small strip of "scenic and conservation land." Socastee future land use is mostly "suburban," "neighborhood activity center," and "commercial corridor" with some "scenic and conservation" along the river. Bucksville is mostly "rural," and the remaining area is "scenic and conservation." Bucksport includes rural communities and "economic activity center" along the main corridor, Bucksport Road, and "scenic and conservation" in the remaining surrounding area. The WNWR area is predominantly "scenic and conservation," and a few areas are "municipality." Conway future land use is almost entirely "commercial corridor," "municipality," and "suburban" with scattered "scenic and conservation."

More specifically, future land use for the alternatives is shown in **Table 11: Future Land Use type by Alternative** and can be seen in **Figure 12: Future Land Use**.

Figure 12: Future Land Use

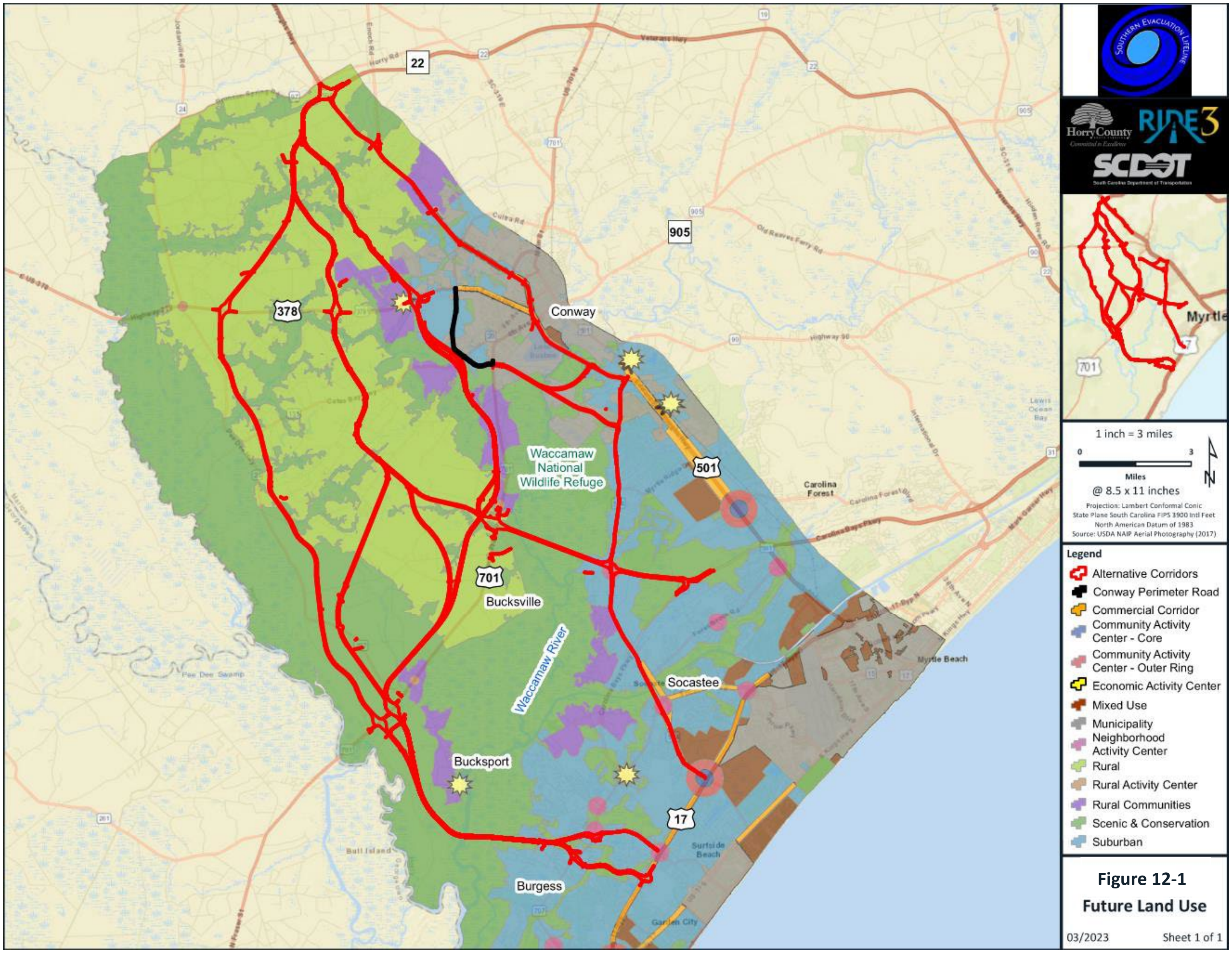


Table 11: Future Land Use Type By Alternative

Alternative	Land Use Type
1	Neighborhood Activity Center, Rural, Scenic & Conservation, Suburban
2	Commercial Corridor, Rural, Scenic & Conservation, Suburban
3	Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban
4	Commercial Corridor, Rural, Rural Communities, Scenic & Conservation, Suburban
5	Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban
6	Commercial Corridor, Rural, Rural Communities, Scenic & Conservation, Suburban
7	Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban
8	Economic Activity Center, Municipality, Neighborhood Activity Center, Rural, Rural Activity Center, Rural Communities, Scenic & Conservation, Suburban
9	Economic Activity Center, Municipality, Neighborhood Activity Center, Rural, Rural Activity Center, Rural Communities, Scenic & Conservation, Suburban
10	Economic Activity Center, Municipality, Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban
11	Economic Activity Center, Municipality, Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban
12	Commercial Corridor, Economic Activity Center, Municipality, Rural, Rural Communities, Scenic & Conservation, Suburban
13	Commercial Corridor, Economic Activity Center, Municipality, Rural, Rural Communities, Scenic & Conservation, Suburban
14	Commercial Corridor, Community Activity Center Core, Community Activity Center - Outer Ring, Municipality, Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban
15	Commercial Corridor, Community Activity Center Core, Community Activity Center - Outer Ring, Municipality, Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban
16	Commercial Corridor, Community Activity Center Core, Community Activity Center - Outer Ring, Municipality, Neighborhood Activity Center, Rural, Rural Communities, Scenic & Conservation, Suburban

In total, Horry County operates 28 parks, 29 boat landings, 22 beach accesses, 3 regional parks, 3 recreation centers, and 2 community centers. These facilities include 39 baseball/softball fields, multipurpose fields, tennis courts, outdoor basketball courts, 26 playgrounds, 2 disc-golf courses, and 13.5 miles of trails on nearly 600 acres of land. The County also has two paddling trail which cross the SELL PSA, the Waccamaw River Blue Trail, and the Southeast Coast Saltwater Paddling Trail. A complete list of Horry County recreational facilities can be found in the Horry County Parks and Recreation online inventory.[9]

[9] Horry County (2023). Parks & Recreation. Retrieved February 16, 2023, from https://www.horrycountysc.gov/departments/parksandrecreation/parks/

Two community/recreational centers are in proximity to the alternative corridors: Burgess Community Center is on SC 707 neighboring Burgess Park, adjacent to Alternatives 2, 4, 6, 12, and 13, and the Conway Sports and Fitness Center, which also houses the Conway Senior Center on Mill Pond Road is adjacent to Alternative 16. The alternative corridors cross one Horry County public park: Swing Bridge Park (Socastee Landing and Park) within Alternative 16. Sandridge Park is in proximity to Alternatives 9, 11, and 13. City of Conway parks/recreational areas in the PSA include the Conway Dog Park, and the Lake Busbee Walking Trail within the Alternative 16 corridor. Pee Dee Park is also adjacent to Alternatives 3 through 7 in Conway.

As previously noted, no alternatives cross Georgetown County; however, the overall SELL PSA includes a small portion within Georgetown County. The Georgetown County Comprehensive Plan was adopted by County Council in 2015 and the County is currently updating the plan.[10] According to the plan, Georgetown County has been divided into two planning areas: Waccamaw Planning Area (excluding Pawleys Island) and the remainder of Georgetown County (excluding the City of Georgetown and Town of Andrews). The SELL PSA falls within the Waccamaw Planning Area, which has the greatest amount of developed land compared to the other planning area. Existing land use in the Waccamaw Planning Area is predominantly recreational and residential (low density, mobile homes, high density, and multifamily/medium density) followed by commercial. Most of the current land within the entire SELL PSA is recreational, residential, and vacant. The amount of commercial, residential, and recreational land use has increased in the last 15 years. Like Horry County, Georgetown County has experienced an increase in development due to its proximity to the coast, waterways, and its location between Charleston and Myrtle Beach, and development is expected to continue to increase within the next 20 years. Following that trend, future land use in the Waccamaw Planning Area is predominantly residential followed by commercial, industrial, and utility. Therefore, the current and future land use of the county has influenced/affected the siting of the alternatives outside county boundaries.

13.1 Land Use Impacts

The proposed project would provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River. Therefore, land uses should benefit from the proposed project through improved traffic conditions and mobility.

The proposed alternatives have the potential to directly impact three public parks/recreational areas: Swing Bridge Park (Socastee Landing and Park) on Corporal Dennis Lyden Memorial Highway), and Conway Dog Park and the Lake Busbee Walking Trail on New Road. The conceptual design for Alternative 16 would cross the Conway Dog Park near Church Street and New Road. The other two parks would be avoided by conceptual design, but the park boundaries fall within the alternative corridors, and could be affected by the project design. Alternatives 14 and 15 cross a conservation easement near Conway within the WNWR (where the alternatives combine). An

[10] Georgetown County. (2015). Land Use Element Georgetown County Comprehensive Plan. Retrieved January 12, 2023, from https://www.gtcounty.org/DocumentCenter/View/158/Land-Use-Element-with-Maps-PDF

easement farther south, near Bucksport, is very close to several alternatives, however the boundaries do not overlap. Both easements should be avoided (**Figure 11**: **Conservation Easements**).

Indirect land use impacts are generally associated with induced growth and impacts from changes in the existing land use patterns, population density, or growth rate of an area. Transportation projects often reduce travel time, enhancing the attractiveness of surrounding land for developers and influencing local development trends. Subsequently, these land use changes could lead to environmental impacts such as degradation of natural habitat and/or water quality issues.

The proposed alternatives have the potential to indirectly impact the existing land use by supporting and expediting development in the surrounding areas. In addition, the improved roadway network could make the surrounding areas more desirable, increasing residential and commercial opportunities. However, the project is not expected to alter the current zoning or planned future land uses, and therefore, would result in minimal indirect impacts to land use.

Cumulative impacts would occur when impacts resulting from the project are added to historical changes in land use as well as reasonably foreseeable future actions. The historical development of the PSA has altered the surrounding landscape resulting in the urbanization of the surrounding area. The development of the area is expected to continue as documented by the planned growth and development. However, the proposed improvements are consistent with the planned growth for the area based on county land use plans. Looking towards the foreseeable future, the surrounding areas have the greatest potential for impact through continued commercial/industrial development and associated infrastructure needs, specifically in Socastee, Burgess, and Conway. As such, the proposed improvements are consistent with local zoning and the planned land uses for the surrounding areas.

13.2 Waccamaw National Wildlife Refuge

National Wildlife Refuge lands were identified and the WNWR was noted to be inside the PSA. The WNWR is approximately 24,196 acres of protected land and any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge before any proposed activity can occur within the Refuge.

The WNWR was established to protect and manage diverse habitat components within an important coastal river ecosystem. Protection and management benefit threatened and endangered species, freshwater and anadromous fish, migratory birds, and forest wildlife, including a wide array of plants and animals associated with bottomland hardwood forests. Compatible wildlife-dependent recreational activities, including hunting, fishing, wildlife observation and photography, environmental education, and interpretation for present and future generations also benefit from proper management and protection.

The draft Comprehensive Conservation Plan (CCP) for the Waccamaw National Wildlife Refuge (February 2008) was prepared to provide a clear direction for management of the refuge consistent with the mandates of the National Wildlife Refuge System. The CCP will provide refuge neighbors, visitors, and government officials an understanding of management action on and around the refuge. The CCP states that the addition of new rights of way, such as is proposed for the SELL project, will have to be addressed on a case-by-case basis. When new construction is proposed, the plan states that the refuge will work with the responsible agency for the right of way to avoid and minimize potential impacts to resources such as habitat fragmentation, wetland hydrology and function, and migration of wildlife.

Since the CCP was drafted, the size of the refuge has grown. Its 54,000-acre acquisition boundary contains portions of the Great and Little Pee Dee Rivers and the Waccamaw River. Sections of the Great Pee Dee River as well as the Little Pee Dee River are designated Type 1 Natural State Scenic Rivers. The refuge was established not only to protect habitat for wildlife but also to provide recreational activities, including hunting and fishing.

These river systems and associated wetlands comprise a large portion of the Winyah Bay drainage basin which stands out as one of the most extensive, intact wetland complexes in the Southeast. Waccamaw's tidal freshwater wetlands are some of the most diverse freshwater wetland systems found in North America today and include managed wetlands, abandoned and unmanaged tidal rice fields, creeks, and flats. They not only provide important habitats corridors for wildlife, but they also play a critical role in the filtration and storm water retention for the primary drinking water resource of the greater Grand Strand region.[11]

More than 400 species of animals are supported by a variety of habitats within the refuge, including birds such as the swallow-tailed kite, osprey, wood stork, white ibis, and prothonotary warbler. Forested wetlands within the WNWR provide critical nesting habitat for swallow-tailed kites as well as habitat for wood ducks and hooded mergansers. Additionally, the WNWR is critical to protecting contiguous habitat for the black bear.[12]

14 PUBLIC PARKS/USE AREAS AND SECTION 6(F)

The Land and Water Conservation Fund Act (LWCFA) of 1965, as amended, allows state and local governments to obtain grants for acquiring or improving parks and recreation areas. Section 6(f)(3) of this Act prohibits the conversion of property acquired or developed with these grants to a non-recreational purpose without the approval of the Department of the Interior's National Park Service (NPS). In South Carolina, the Department of Parks, Recreation, and Tourism (SCPRT) administers the LWCFA program.

14.1 Public Parks in the Study Area and Section 6(f) Resources

Within the SELL PSA, Horry County has 1 regional park, 2 recreation centers, 8 neighborhood parks, 15 boat landings, and 2 future parks. Additionally, acreage is protected for recreation and public and private conservation. The City of Conway has seven park facilities, and the SCDNR owns and operates the Waccamaw River Heritage Preserve/Wildlife Management Area within the PSA. Because SELL is funded through Horry County's RIDE III transportation improvement program, and not through the FHWA, none of the parks and recreation areas owned by the State of South Carolina, Horry County, the City of Conway, or otherwise are protected by Section 4(f) of the U.S. Department of Transportation Act.

[11] https://www.fws.gov/refuge/waccamaw

[12] https://www.sccoastalfriends.org/service-area/waccamaw-national-wildlife-refuge/

14.2 Impacts to Public Parks/Use Areas

There are six alternatives that would directly impact a park or recreational facility – Alternatives 7, 8, 9, 14, 15, and 16 (**Table 12: Impacts to Public Recreational Facilities**).

Table 12: Impacts to Public Recreational Facilities

Alternative	Owner	TMS	Total Parcel (acres)	Impact (acres)
7	SC Department of Natural Resources	1610002159	2,159	58.33
8	SC Department of Natural Resources	1610002159	2,159	58.33
9	SC Department of Natural Resources	1610002159	2,159	58.33
14	Hillcrest Cemetery	1500006042	84.68	20.40
14	Singleton Cemetery	1610002147	0.79	0.53
15	Hillcrest Cemetery	1500006042	84.68	20.40
15	Singleton Cemetery	1610002147	0.79	0.53
15	Bridge Tender Owners Assoc. Inc	44007020028	7.76	1.50
16	Hillcrest Cemetery	1500006042	84.68	20.40
16	Singleton Cemetery	1610002147	0.79	0.53
16	Bridge Tender Owners Assoc. Inc	77007020028	7.76	1.50
16	City of Conway	137700030001	5.8	1.41

Seventy-five parks and wildlife refuge resources funded through the Land and Water Conservation Fund (LWCF) were identified in the PSA, all of which are considered 6(f) resources.

The WNWR spans portions of Horry, Georgetown, and Marion Counties and comprises close to 55,000 acres, including sections of the Waccamaw and Great Pee Dee Rivers. The portion of the Waccamaw River that runs through the refuge is a designated National Water Trail. Investments in the Refuge from the Land and Water Conservation Fund total more than $16 million. Based on the funding provided by the LWCF, the park is protected under Section 6(f).

14.3 Section 6(f) Impacts

There are four alternatives that would impact the WNWR – Alternatives 7, 8, 9, and 14 (**Figure 13: Alternatives that Impact the Waccamaw National Wildlife Refuge**). Alternatives 7 through 9 all cross the river within the same corridor footprint; therefore, they will each result in an impact of approximately 58.33 acres of the WNWR. Alternative 14 would impact approximately 20.02 acres of the WNWR near the corridor crossing at West Cox Ferry Road.

Figure 13: Alternatives that Impact the Waccamaw National Wildlife Refuge

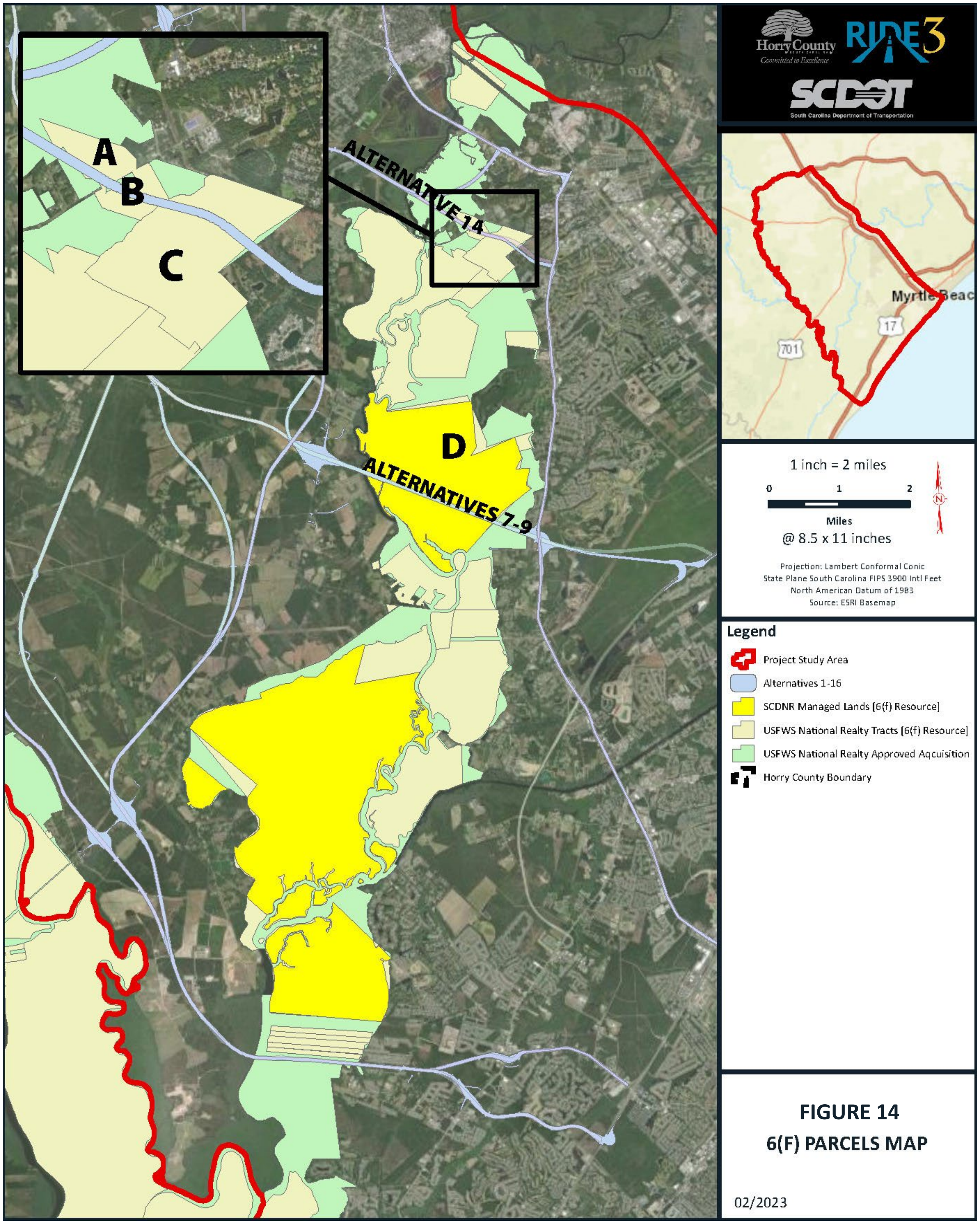


Table 13: Estimated 6(f) Impacts outlines estimated impacts from the conceptual alternatives.

Table 13: Estimated 6(f) Impacts

Alternative	Owner	TMS	Figure 13 Reference	Total Parcel (acres)	Impact (acres)
7	SC Department of Natural Resources	1610002159	D	2,159	58.33
8	SC Department of Natural Resources	1610002159	D	2,159	58.33
9	SC Department of Natural Resources	1610002159	D	2,159	58.33
14	United States of America	1500002049	A	49	7.98
14	United States of America	1500006008	B	28.87	5.45
14	United States of America c/o US Fish and Wildlife Service	1500006043	C	229.81	10.59

14.4 6(f) Consultation

Consultation for park conversion would be required between the property owners, the SCPRT, the NPS, for any impacts of 6(f) resources. Conversion of a 6(f) property must go through the process outlined in 36 CFR Part 59, Section 6(f)(3), prior to being approved by the NPS.

Requirements of the 6(f) conversion include:

a. All practical alternatives to avoid impacts to the resource have been evaluated and rejected on a sound basis.

b. The fair market value of the property to be converted has been established and the property proposed for substitution is of at least equal fair market value as established by a state approved appraisal excluding the value of structures or facilities that will not directly enhance its outdoor recreation utility.

c. The property proposed for replacement is of reasonably equivalent usefulness and location as that being converted. Equivalent usefulness and location will be determined based on the following criteria:

   (1) Property to be converted must be evaluated to determine what recreation needs are being fulfilled by the facilities which exist and the types of outdoor recreation resources and opportunities available. The property being proposed for substitution must then be evaluated in a similar manner to determine if it will meet recreation needs that are at least like in magnitude and impact to the user community as the converted site.

(2) Replacement property need not necessarily be directly adjacent to or close by the converted site. This policy provides the administrative flexibility to determine location recognizing that the property should meet existing public outdoor recreation needs.

(3) Should a local project sponsor be unable to replace converted property, the State would be responsible, as the primary recipient of federal assistance, for assuring compliance with these requirements and for the substitution of replacement property.

(4) The acquisition of one parcel of land may be used in satisfaction of several approved conversions and vice versa.

d. The property proposed for replacement meets the eligibility requirements for LWCF assisted acquisition. The replacement property must constitute or be part of a viable recreation area.

15 SOCIAL AND ECONOMIC

The social and economic resources of the SELL PSA were evaluated with available Community Impact Data (**Appendix K**) to identify the social and economic resources, including existing demographics in and around the SELL PSA. The alternatives were analyzed for their potential social impacts in terms of residential and nonresidential/business relocations, alteration of transportation patterns, disruption of planned or established communities, disruption of development, and changes in employment. The proposed project would require the acquisition of right-of-way, including commercial and residential parcels, resulting in direct displacements.

15.1 Social and Economic Impacts

The project has the potential to directly impact three publicly owned recreational areas/parks: Swing Bridge Park (Socastee Landing and Park) on Corporal Dennis Lyden Memorial Highway, and Conway Dog Park and the Lake Busbee Walking Trail on New Road in Conway. The conceptual design for Alternative 16 would cross a portion of the Conway Dog Park near Church Street and New Road resulting in potential impacts. The other two parks would be avoided by conceptual design, but the park boundaries fall within the alternative corridors, and could be affected by the project design. Pee Dee Park is also adjacent to Alternatives 3 through 7 in Conway. Impacts to public parks are discussed in detail in Section 14 within this study.

The project alternatives would impact two churches as well as over 100 businesses, numerous residences, and communities/residences. Alternatives 8, 10, and 12 would potentially relocate Bethlehem Missionary Baptist Church on Dirty Branch Road, and Alternatives 14, 15, and 16 would potentially relocate Trinity Freewill Baptist Church on U.S. 501 in Conway. Business/nonresidential impacts include gas stations, a pool house and pool associated with a neighborhood, an outbuilding, and various commercial/retail businesses. In addition, Alternatives 15 and 16 currently impact part of the bleachers of the Coastal Carolina University stadium. **Table 14: Direct Impacts to Community Resources by Alternative** notes the number of impacts/displacements to community resources (churches and businesses) for each alternative. No fire departments or community centers would be directly affected by the alternatives. Residential impacts are discussed and illustrated in the Environmental Justice (EJ) section (Section 16) of this study.

Table 14: Direct Impacts to Community Resources By Alternative

Alternative	Business Impact	Church Impact
1	3	0
2	1	0
3	3	0
4	1	0
5	3	0
6	1	0
7	1	0
8	3	1
9	2	0
10	3	1
11	4	0
12	3	1
13	2	0
14	24	1
15	27	1
16	58	1

As indicated in Table 14, Alternative 16 would impact the greatest number of businesses due to crossing through Conway. Alternatives 2, 4, 6, and 7 would impact the fewest (1). Alternatives 8, 10, 12, and 14 through 16 would each impact one church.

Community cohesion is the social connections within a community. Transportation projects can affect community cohesion by fragmenting neighborhoods, isolating a portion of neighborhood, or displacing a community gathering place like a church or community center with the placement or widening of a road. New roadways can also generate new development or affect property values. The proposed project would affect community cohesion by bisecting neighborhoods, relocating a substantial number of residents, and by displacing churches that serve the communities. The project alternatives would affect community cohesion, including bisecting 9 neighborhoods and displacing 2 churches that are near several EJ areas. All alternatives, except Alternative 16, would fragment communities. Alternatives 9, 11, and 13 would impact the most communities (four each). Of the communities fragmented by the alternatives, at least four are EJ (Pine Crest, Cabots Creek, an unnamed mobile home park, and an unnamed community). Cherry Knoll and an unnamed mobile home community would be fragmented by six alternatives. The Farm at Timberlake and The Lakes would be fragmented by five alternatives. Woodland Lakes and Cabots Creek would be fragmented by three alternatives, and Sedgefield and Pine Crest would be fragmented by two alternatives. Therefore, all alternatives, except Alternative 16 would affect community cohesion.

The social impacts are the direct relocation and displacement of residential properties, nonresidential properties, and businesses due to the proposed new road and changes in or elimination of access and fragmenting of communities associated with the new roadway. The new roadway, regardless of which alternative is chosen, would create minor travel pattern changes around intersections, specifically along the major roads in the areas: US 17, US 501, US 701, and SC 544. However, the proposed project would ultimately provide congestion relief and improve mobility along other roads in the PSA by providing a more direct route to the west for hurricane evacuations. The proposed project would improve the ease with which motorists can reach their destinations along the project corridor and in the vicinity. As such, the project is anticipated to an overall provide direct beneficial social impacts for commuters. While making no transportation improvements (no-build alternative) would not cause direct impacts to social resources, congestion in the area would not be relieved nor would hurricane evacuation and access to needed services be improved. Please refer to the Community Impact Data (**Appendix K**) for additional detail on community, social, and economic impacts.

16 ENVIRONMENTAL JUSTICE

U.S. Census Bureau data was evaluated to determine the demographics of the PSA compared to the county and state. Census data indicates that the area within and surrounding the PSA primarily has a median income lower than the county average of $51,570, percentage in poverty higher than the county (14.1 percent), and a minority percentage higher than the county (22.7 percent). Specifically, 18 block groups have populations with low-income and/or minority populations that would qualify as environmental justice (EJ) populations. The populations in the PSA are predominantly White (Non-Hispanic), African American, and Hispanic/Latino.[13] Census data tables showing the demographics of the state, county, census tracts, and block groups can be found in the Community Impact Data (**Appendix K: Community Impact Data**).

The USEPA's Environmental Justice Screening and Mapping (EJScreen) tool (Version 2.1) was also utilized to determine demographics and environmental information for the entire SELL PSA.[14] According to EJScreen, the PSA contains a lower percentage of people of color (29 percent) compared to the state (36 percent), a higher percentage of low-income populations (41 percent) than the state (36 percent), a higher unemployment rate (7 percent) than the state (6 percent), and a higher percentage of linguistically isolated populations (2 percent) than the state (1 percent). However, pollutants affect a lower number of populations in the PSA compared to the state, specifically particulate matter, Ozone, hazardous waste proximity, and lead paint. The EJScreen summary can be found in **Appendix K**.

According to USDOT and FHWA, "low-income" populations are individuals whose household incomes are at or below the U.S. Department of Health and Human Services poverty guidelines, as defined by the U.S. Census

[13] U.S. Census Bureau (2020). *American Community Survey DP05ACS DEMOGRAPHIC AND HOUSING ESTIMATES*. Retrieved August 3, 2022, from https://data.census.gov/cedsci/table?q=DP05&g=0400000US45_0500000US45051&tid=ACSDP5Y2020.DP05

[14] EPA (2023). *EPA's Environmental Justice Screening and Mapping Tool (Version 2.1).* EJScreen. Retrieved August 3, 2022, from https://ejscreen.epa.gov/mapper/

Bureau. Low-income populations that meet the criteria for EJ are defined as those in which either the number of individuals living in poverty in a single block group (or the affected area) comprise 25 percent or more of the total population of that affected area, or the total percentage of individuals living in poverty within the affected area (or single block group) is at least 5 percentage points greater than the percentage of individuals living in poverty in the whole county.

According to USDOT and FHWA, minorities constitute five races/ethnicities, including African American, Hispanic, Asian-American, American Indian, and Alaskan Native populations. Minority populations that meet the criteria for EJ are defined as either when the minority population of the affected area (single block group) exceeds 50 percent of the total block group population, or is 10 or more percentage points greater than the minority population percentage in the whole county.

The PSA includes a high percentage of minorities and/or low-income populations, which qualify as EJ populations. Minority and low-income percentages are based on block group data from the U.S. Census Bureau's 2020 American Community Survey 5-Year Estimates.

16.1 Impacts to EJ Populations

FHWA and USDOT orders define "adverse effects" on EJ populations as "the totality of significant individual or cumulative human health or environmental effects, including interrelated social and economic effects…" Beneficial and adverse effects to EJ populations were evaluated for the project alternatives. Each alternative was evaluated for the presence of minority and low-income (EJ) populations/communities and subsequent EJ impacts. EJ areas are described and shown in the Community Impact Data in Appendix K.

Table 15: Potential EJ Impacts by Alternative indicates the number of potential EJ residences or areas along each alternative based on the above methodology as well as the total number of project relocations, number of potential EJ impacts, and the associated community. As noted in the table, potential EJ residences are present along each alternative. Alternative 15 has the highest number of EJ areas/residences (83) and Alternative 7 has the fewest (35). EJ impacts were quantified and compared across alternatives based on the number of potential impacts. Alternatives with a high number of EJ impacts compared to the total number of EJ properties (approximately half of the total number of EJ properties) and total potential project relocations are noted in orange in Table 15: Potential EJ Impacts by Alternative.

Table 15: Potential EJ Impacts By Alternative*

Alternative	Number of Potential EJ Properties	Number of Potential Direct EJ Impacts	EJ Communities Affected
1	72	25	Unnamed Mobile Home Park (MHP)
2	57	28	Unnamed MHP
3	54	15	Fern Ridge MHP, Juniper Bay Estates MHP
4	39	18	Fern Ridge MHP
5	58	16	Juniper Bay Estates MHP, unnamed MHP
6	42	19	Juniper Bay Estates MHP
7	35	16	Fern Ridge MHP, Juniper Bay Estates MHP, Cabots Creek
8	61	37	Cabots Creek, unnamed community, Iowa Alston Estates, unnamed MHP, plus Bethlehem Missionary Baptist Church relocation
9	54	26	Cabots Creek, unnamed MHP
10	82	37	Iowa Alston Estates, unnamed MHP, unnamed community, plus Bethlehem Missionary Baptist Church relocation
11	75	27	Unnamed MHP
12	66	45	Iowa Alston Estates, unnamed community, plus Bethlehem Missionary Baptist Church relocation
13	59	34	Unnamed MHP
14	71	55	Pine Crest, unnamed MHP, Browns MHP, plus Trinity Freewill Baptist Church
15	83	63	Pine Crest, unnamed MHP, Browns MHP, Covered Oaks, plus Trinity Freewill Baptist Church
16	80	30	Woodwinds, Browns MHP, Crossroads Village, Covered Oaks, plus Trinity Freewill Baptist Church relocation

*Note: This is a conceptual level analysis and additional outreach and study would be needed as the project progresses.

As indicated in the table, Alternatives 12, 14, and 15 would result in the highest number of direct EJ impacts, primarily due to the corridors fragmenting or impacting a large number of residents in several neighborhoods in the Conway area, specifically Iowa Alston Estates, Pine Crest, and various unnamed mobile home parks. Alternatives 8 and 9 would result in fragmentation of the EJ community Cabots Creek. In addition, Alternatives 8, 10, and 12 would relocate Bethlehem Missionary Baptist Church and Alternatives 14, 15, and 16 would relocate Trinity Freewill Baptist Church, resulting in adverse impacts to community cohesion.

The 16 alternatives would impact low income and/or minority populations in the PSA due to relocation and community cohesion impacts. Based on preliminary analysis, Alternative 15 would result in the greatest number of EJ impacts (63) and Alternative 3 would result in the fewest (15), followed by Alternative 5 and 7 (16).

Based on preliminary analysis, EJ displacements would potentially account for a majority of the displacements/impacts for seven of the project alternatives. Therefore, those alternatives have the potential to displace a disproportionately high number of EJ residences/populations. In addition, the potential relocation of two churches that serve EJ areas would result in adverse impacts to community cohesion. Therefore, there are potentially disproportionately high and adverse effects on low income and/or minority EJ populations as a result of the project. This conceptual analysis of EJ impacts primarily focuses on relocation impacts, however additional study and assessment is needed to determine all potential EJ impacts.

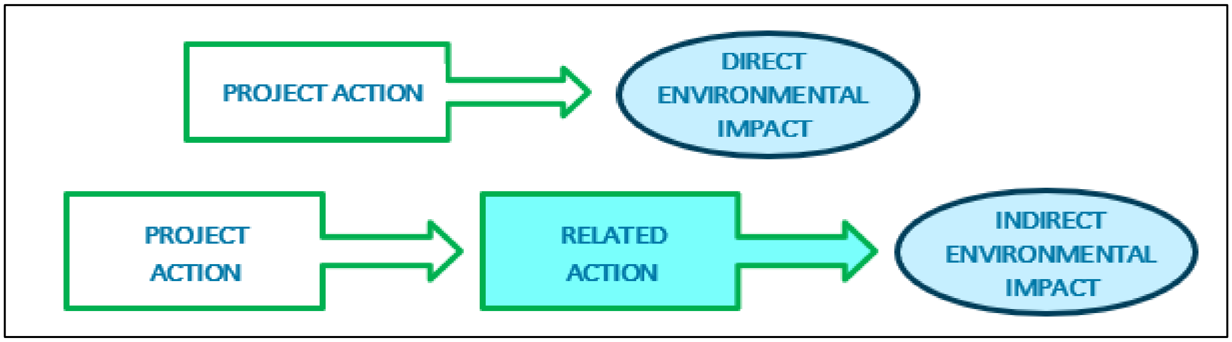
17 INDIRECT AND CUMULATIVE IMPACTS

The proposed SELL project has the potential to impact environmental, cultural, and human resources within the PSA. A range of conceptual alternatives are being considered that accomplish the purpose and need of the project. Each alternative would impact known resources to a varying degree and each alternative provides benefits. In developing the proposed project, impacts to the human and natural environment would be minimized to protect cultural resources, community values, and natural resources. This would be accomplished by attempting to avoid high value resources and sensitive areas where possible and minimizing impacts when avoidance is not possible. Types of impacts are discussed below:

Direct impacts are defined as impacts which are caused by the action and occur at the same time and place. Examples of direct impacts include loss of acreage, reduction in natural resources such as forests, loss of historic structures or archeological resources.

Indirect impacts are defined as those impacts which are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. **Figure 14: Flow Chart of Indirect Impacts**[15], illustrates the relationship between a project action and the indirect, but related, impacts that may reasonably follow.

Figure 14: Flow Chart of Indirect Impacts Process

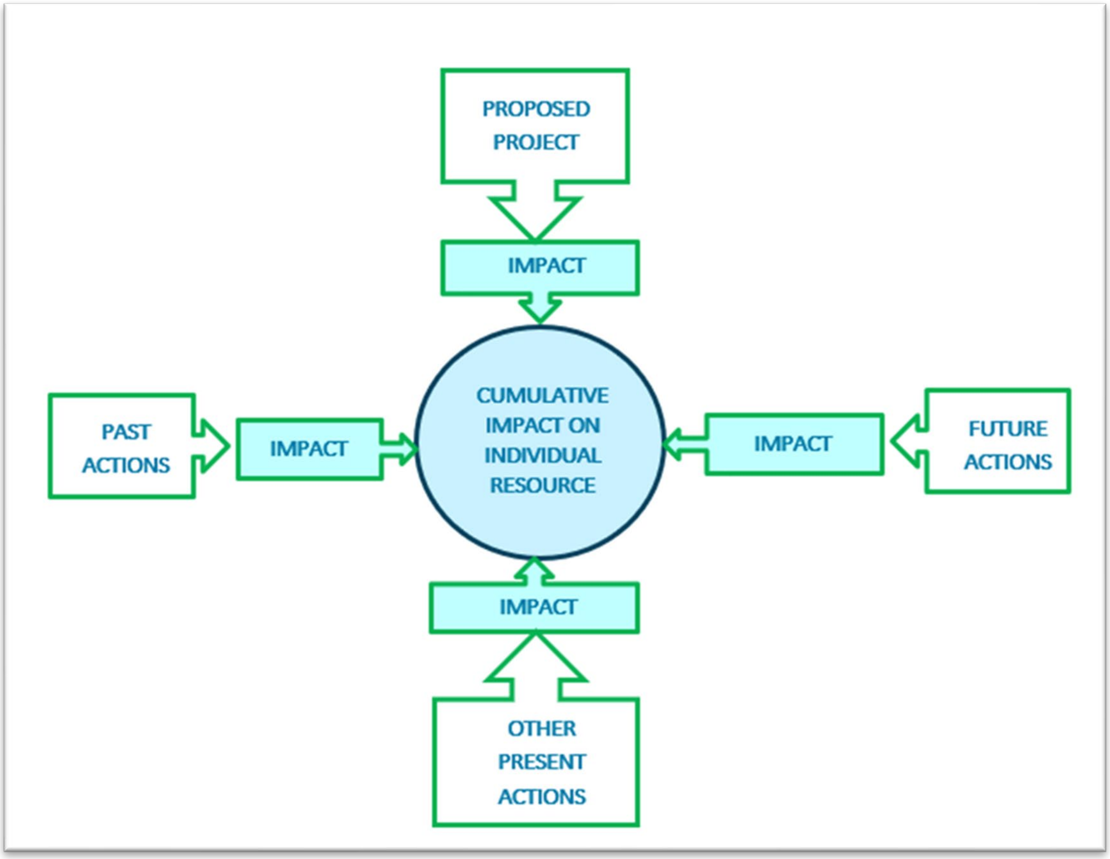


[15] Questions and Answers Regarding the Consideration of Indirect and Cumulative Impacts in the NEPA Process, FHWA, 2014.

Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems. An example of an indirect effect would be when a new roadway is built, and commercial development occurs along that roadway that would not have otherwise occurred without the construction of the roadway. The commercial development would be an indirect effect of the construction of the roadway.

Cumulative impacts are impacts on the environment, which result from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (federal or non-federal) or person undertakes such other actions, see **Figure 15: Flow Chart of Cumulative Impacts**.

Figure 15: Flow Chart of Cumulative Impacts Process



Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time. As an example, induced development in areas without public sewer infrastructure could, when considered with other sources, contribute to the degradation of waterways from increased bacterial levels.

17.1 Indirect Impacts

The NCHRP method outlines an eight-step process for assessing indirect impacts:[16]

- Step 1: Initial Scoping for Indirect Effects Analysis
- Step 2: Identify the Study Area Direction and Goals
- Step 3: Inventory Notable Features
- Step 4: Identify Impact-Causing Activities of Proposed Action and Alternatives
- Step 5: Identify Potentially Significant Indirect Effects for Analysis
- Step 6: Analyze Indirect Effects
- Step 7: Evaluate Analysis Results
- Step 8: Assess Consequences and Develop Mitigation

17.1.1 Step 1: Scoping

Scoping allows for the setting of the environmental baseline for which all effects are compared. Scoping also provides an opportunity for interagency coordination concerning the types of indirect effects to be evaluated and methodologies to be used. This helps to determine the scope and significant issues to be analyzed in depth. Large projects such as the SELL require an intensive scoping process to highlight key environmental concerns and to develop methods to quantify impacts on a large scale.

17.1.2 Step 2: Identify Study Area Direction and Goals

The footprint of the study area for the Indirect Impacts Analysis aligns with the SELL PSA. This area encompasses the 16 alternatives, in addition to providing a regional view of the project. As further studies are conducted, this area may vary depending on the resource being analyzed (i.e. rivers may require study of the entire watershed, while historic resources may be analyzed on a community-level scale).

17.1.3 Step 3: Inventory notable Features in the Study Area

Several facets of the natural, cultural, and human resources within the boundaries of the SELL project were investigated. Through these large-scale studies, four areas were identified that require additional study as related to indirect impacts. These three areas include, water resources (including USACE Jurisdictional rivers, streams, and wetlands as well as water quality), communities, sensitive species, and the WNWR. An overview of the current condition of these resources is noted in their respective sections.

17.1.4 Step 4: Identify Impact-Causing Activities of the Proposed Alternatives

- Encroachment-Alteration Effects (those that alter the functioning of the physical environment)– may include cut/ fill to wetlands, piping of streams, habitat modification, land use conversions, site remediation, cultural and recreational resources impacts, and noise and viewshed changes.

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[16] NCHRP Desk Reference for Estimating the Indirect Effects of Proposed Transportation Projects. 2002. https://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_466.pdf

- Access-Alteration Effects (changes in traffic patterns and the alteration of accessibility) – may include reduced travel times, new and expanded access to the built environment, new and expanded access to undeveloped land, and altered circulation patterns. The direct impact of the bridge over the Waccamaw River would be analyzed during this step.

- Induced Growth-Related Effects – may include induced growth-impacts that are attributable to induced growth itself, not project design features.

17.1.5 Step 5: Identify Potentially Significant Indirect Effects for Analysis

17.1.5.1 Encroachment-Alteration Effects:

Ecological Effects:

Transportation corridors have unique impacts on ecosystems associated with their linear form. These corridors may function as specialized habitats, conduits of movement, barriers or filters to movement, or sources of effects on surrounding habitats. Improvements within corridors can have consequences to habitats removed in time and distance from the project. - Habitat fragmentation from physical alteration of the environment, lethal and reproduction effects from pollution, degradation of habitat from pollution; disruption of ecosystem functioning from direct mortality impacts; and, disruption of natural processes (i.e., hydrology, species competition, predator-prey relations, etc.) from altered energy flows.

The ecological indirect effects from the SELL project could come in the form of land-use conversion, habitat fragmentation, and disruption of natural processes. More specifically, water quality degradation of streams and open waters through point and nonpoint source pollution, loss of wetland functions and values, including alterations in surface and sub-surface water storage and retention, reduced pollutant uptake and filtration, and reduced habitat and wildlife diversity. Indirect impacts may result from mowing and other maintenance, and utility installation.

Indirect impacts to protected species can result from increased lighting, increased exposure to invasive species and trash or debris, edge effects, increased potential for pollution from storm water runoff, and long-term increases in noise. In the areas where the direct effects on protected species would occur, indirect effects would occur to the same species occupying the same habitats adjacent to the construction footprint of each alternative.

Socioeconomic Effects:

Encroachment by transportation projects can directly affect the physical nature of a neighborhood or community in various ways such as the alteration of traffic patterns and access; and the relocation of homes and businesses, or relocation of alteration of public facilities. These direct effects can result in indirect effects that can be magnified by the cumulative impacts of other actions. These effects include alterations to the following: neighborhood cohesion, neighborhood stability, travel patterns of commuters and shoppers, recreation patterns at public facilities, pedestrian dependency and mobility, perceived quality of the natural environment personal safety and privacy, and aesthetic and cultural values.

The socioeconomic indirect effects from the SELL project could come in the form of altered travel patterns, impacts to access to facilities, and impacts to community cohesion. Special attention would be focused on EJ communities.

17.1.5.2 Induced Growth Effects:

Transportation improvements often reduce the time-cost of travel, enhancing the attractiveness of surrounding land to developers and consumers. Development on vacant land, or conversion of the built environment to more intensive uses, is often a consequence of highway and transit projects. Growth in population and employment attributable to a direct project effect (change in accessibility) is an indirect effect that, in turn, produces its own effects on the environment.

The methodology for identification of indirect effects of the SELL project would be similar to the process used for the alternative analysis. Matrices and mapping techniques can be combined for a thorough evaluation. Tabulation is necessary at this point to organize the information gathered, and to make explicit the process used to determine indirect effects that are assessed going forward in the detailed analysis.

17.1.6 Step 6: Analyze Indirect Effects

Quantifying the potential of indirect impacts would be completed upon the selection the reasonable alternatives and an investigation of direct impacts as a result of the reasonable alternatives. The key topics outlined in Step 3 (water resources, communities, sensitive species, and the WNWR) are identified in this analysis. Potential techniques used in this analysis could be forecasting tools, comparative case analysis, additional coordination with agencies and the public, as well as a cost/ benefit analysis.

17.1.7 Step 7: Evaluate Analysis Results

There are two key techniques that are of use in evaluating indirect effects analyses: Sensitivity Analysis and Risk analysis. The step of evaluating the indirect impacts analysis is in place to reduce the level of uncertainty inherently embedded in this process.

17.1.8 Step 8: Assess the Consequences and Develop Appropriate Mitigation and Enhancement Strategies

The objective of this step is to assess the consequences of the analyzed indirect effects and develop strategies to address unacceptable indirect effects. For the purpose of the SELL project, special consideration and mitigation strategies could be necessary for impacts to water resources, communities, sensitive species, and the WNWR. Because mitigation of indirect impacts is not always practicable on a project the size of the SELL, these considerations should be part of the evaluation of alternatives to avoid or minimize an indirect effect. Bridging and avoiding USACE jurisdictional wetlands as opposed to filling these areas is an example of avoidance and minimization to reduce the need for mitigation.

17.2 Cumulative Impacts

An assessment of cumulative impacts would focus on the combined effects of SELL Project and other actions on water resources, communities, sensitive species, and the WNWR.

For these four areas of study, the cumulative impacts analysis would be updated to include the current status of the resource and historical trends; summarize the direct and indirect impacts of the proposed action; describe the reasonably foreseeable effects of other actions; and consider mitigation.

Cumulative impact analysis requires careful development of the No build alternative scenario to include reasonably foreseeable future actions. Coordination with agency and local officials is an important part of identifying other projects that should be included in the assessment.

The Council on Environmental Quality (CEQ) guidance identifies methods for analyzing cumulative effects, including: questionnaires, interviews and panels, checklists, matrices, networks and system diagrams, modeling, trends analysis, overlay mapping and geographic information systems, carrying capacity analysis, ecosystem analysis, economic impact analysis and social impact analysis.[17]

- Step 1: Information Gathering – In the case of the SELL project, this step will begin with updating technical data collected.
- Step 2: Initial Assessment of Cumulative Impacts – other RIDE III transportation projects and projects within the study area will be quantified during this step.
- Step 3: Determining Scope and Methodology for Cumulative Impacts Analysis
- Step 4: Conducting the Cumulative Impacts Analysis
    - Phase 1: Describe Resource Conditions and Trends
    - Phase 2: Summarize the Effects of the Proposed Actions on Key Resources
    - Phase 3: Describe other Actions and their Effect on Key Resources
    - Phase 4: Estimate the Combined Effects on Key Resources
    - Phase 5: Consider Minimization and Mitigation

CEQ guidance identifies four basic types of effects that can lead to cumulative impacts:

- Type 1: Repeated additive effects on a resource from a single project.
- Type 2: Stressors from a single project that have interactive (countervailing or synergistic) net effect on a resource.
- Type 3: Additive effects on a resource arising from multiple sources (projects, point sources, or general effects associated with development).
- Type 4: Effects arising from multiple sources that affect resources in an interactive fashion.

[17] CEQ Considering Cumulative Effects under the National Environmental Policy Act" (1997).

Previous concerns noted in the SELL PSA related to cumulative effects include wetlands and drainage, black bears, swallowtail kites, sturgeon and various fish species, water quality, loss of habitat, wood stork rookeries, bald eagles, red-cockaded woodpeckers, spotted turtles, big-eared bats, osprey, migratory songbirds, warblers, sunflowers, and chaffseed. Other items discussed included fire management programs, historic and archeological sites, development of a management plan for the WNWR, and state species of concern.

The largest cumulative effect would come from growth and urban expansion independent of the SELL project. Land-use modelling would need to be employed to identify areas of highest growth and the affected resources. Streams and wetlands that could be affected are prevalent in the area and most likely would be subject to cumulative effects. In addition, water quality could be cumulatively impacted over time by runoff from an increase in impervious areas such as roofs, parking lots, highways, and streets that are associated with growth.

According to the Horry County Comprehensive Plan IMAGINE 2040, economic development centers are expected to increase along US 378 and US 17. Suburban areas are anticipated to experience the most exponential amount of growth located between SC 544 to US 17. Protected/preserved land surrounding the Waccamaw River is not forecasted to receive any development at this stage of County planning. Likewise, the area between the US 501/SC 22 interchange to just west of SC 544 and SC 707 is planned to remain largely rural. Other roadway projects planned within the project area include the construction of Conway Perimeter Road, US 701 safety and intersection improvement projects, rehab/resurfacing projects, and operational/safety projects along and adjacent to US 378, US 501, SC 544, and Cates Bay Highway.

Such proposed projects would expand on currently developed areas surrounding major roadways, particularly within the southern portion of Horry County. No development is forecasted within federal, or state protected lands along the Waccamaw River and much of the SELL study area between the US 501/SC 22 interchange to just west of SC 544 and SC 707 is forecasted to remain largely rural.

Cumulative impacts to EJ populations from the SELL project could occur. The next phase of assessment should include land use modeling to determine areas of potential growth. The results of the land use model would then be compared to the footprint of identified EJ communities to identify overlap and help predict and mitigate impacts.

Cumulative impacts to farmlands would also occur. Farmlands within these alternatives would be converted from present land use to a transportation facility. Land use models should be run for the areas surrounding potential future interchanges. This growth could also impact adjacent farmlands. Cumulative impacts to farmlands would also occur as a result of the induced development if Alternatives 1-15 were selected, coupled with the conversion of farmlands to non-agricultural land uses from other projects in the area, such as the construction of I-73 or other projects.

18 404(B) (1) GUIDELINES

A Conceptual Section 404(b)(1) document was drafted for the SELL Project. This document is typically submitted in connection with a USACE Individual Permit request. The Section 404(b)(1) analysis includes a summary of several features of the natural characteristics of the SELL project.

18.1 Proposed Actions and Alternatives

This 404(b)(1) analysis was prepared in accordance with 40 CFR Part 230, Section 404(b)(1) Guidelines for Specification of Disposal Sites for Dredged or Fill Material (the Guidelines), see **Appendix L: 404(b)1 Memo**. It states and evaluates information regarding the effects or proposed discharge of dredged or fill material into WoUS, including wetlands. As noted in Chapter 1, pursuant to Section 404(b)(1) of the CWA, the USACE may only authorize the practicable alternative with the least damage to aquatic resources unless it has other significant adverse environmental consequences; with practicable alternatives being those that are available and capable of being done after taking into consideration cost, existing technology, and logistics considering the overall project purpose.

Under the Section 404(b)(1) Guidelines, non-water dependent, practicable alternatives not involving special aquatic sites are presumed to have less adverse impact on the aquatic ecosystem, unless clearly demonstrated otherwise. Highway and transit projects generally are not water-dependent activities, and many do, as with the proposed project, impact special aquatic sites.

Of the 16 alternatives, Alternative Corridor 16 would have the least impacts on the environment. Furthermore, no discharge will be permitted if it does any of the following (restrictions):

- Violates any SCDHEC water quality standard,
- Violates any applicable toxic effluent standard or prohibition under Section 307 of the CWA,
- Jeopardizes the continued existence of endangered or threatened species under the Endangered Species

A proposed discharge may not be permitted by the USACE if it would cause or contribute to severe degradation to WoUS, which is based on the factual determinations, evaluations, and tests required. This requires considering individual and collective or cumulative effects. In addition, a discharge may not be permitted by the USACE unless appropriate and practicable steps have been taken to minimize potential adverse effects of the discharge on the aquatic ecosystem (Subpart H of the Guidelines).

18.2 Environmental Impacts of the Proposed Actions and Alternatives

The potential short-term or long-term effects of a proposed discharge of dredged or fill material on the physical, chemical, and biological components of the aquatic environment must be determined. The following discussion provides a brief analysis for each of the factors or criteria that must be considered. This analysis will be a broad overview due to the conceptual nature of the project alternatives. A more detailed analysis may be given at a later date when the number of alternative corridors considered for the SELL project are narrowed down and design is at a later stage.

18.2.1 Effects of Proposed Actions on Substrates

Aquatic ecosystem substrates underlie open waters of the U.S. and constitute the ground surface in wetlands. Substrates include physical, chemical, and organic materials necessary for the sustenance of the ecosystem. Direct impacts would occur to substrates from the placement of new and/or existing roadway such as structural fill, culverts, and bridge piers and abutments for each of the build alternatives. Indirect impacts could result from roadway runoff and human activity from increased access to WoUS. Much of the project footprint for Alternative Corridors 1 through 13 is undeveloped and therefore, would cause significantly more impact to aquatic resources and the associated substrate. Ultimately, Alternative Corridor 16 proposes the least amount of fill/cut to WoUS and therefore, the least amount of permanent substrate impacts.

18.2.2 Effect of Proposed Actions on Turbidity

Disturbance of wetlands and other WoUS during construction might create turbid conditions that could reduce light penetration in affected waters, adversely affecting aquatic organisms by lowering photosynthesis, increasing temperatures, lowering oxygen levels and primary aquatic system productivity, and interfering with feeding activity for sighted organisms. Because of greater number of delineated wetlands and other waters, the alternatives with the largest construction footprint covering the greatest number of delineated aquatic resources (Alternative Corridors 3 and 4) would have a greater potential for these effects. Ultimately, Alternative Corridor 16 proposes the least amount of fill/cut to WoUS and therefore, would be expected to have the least impacts to suspended particulates/turbidity. In general, however, the maximum practical means to control particulates and turbidity impacts would be employed and minor for whichever build alternative is chosen.

Temporary best management practices (BMPs) (soil stabilization, sediment control, wind erosion control, tracking control, non-storm-water management, and waste management and materials pollution control) would be implemented where feasible to contain both storm water and non-storm-water discharges during construction. With the inclusion of BMPs, the project would not negatively affect water quality in the corridor on a long-term basis.

18.2.3 Effects of Proposed Actions on Contaminants

All build alternatives of the project have the potential to introduce contaminants into WoUS during construction, operation, and maintenance. Direct impacts would result from contaminant spills or migration into WoUS during construction or operations. Indirect impacts could result from the transport of contaminants into WoUS in runoff from existing sources or from the roadway surface. BMPs would be evaluated, implemented, and maintained to address these impacts during the planning and design, construction, and operational phases regardless of the build alternative chosen.

The size of the construction zone and the amount of impervious surface area proposed in the completed project are rough measures of each alternative's potential to generate pollutants in runoff. In general, water quality controls would be required equally of all the build alternatives, but Alternative Corridor 16 would have the least impacts to WoUS due to its smaller area of proposed impervious surfaces. Alternative Corridors 3 and 4 have the largest impacts due to the size of its construction zone and number of wetlands and other WoUS.

18.2.4 Potential Impacts on Biological Characteristics of Aquatic Ecosystems

18.2.4.1 Threatened and Endangered Species:

Due to the preliminary stage of analysis for the SELL project, no threatened and endangered species field surveys were conducted within each alternative corridor. A desktop review for any observed sighting of federal or state listed protected species was conducted December 2022 using the South Carolina Natural Heritage Database. The PSA was analyzed within the context of all 16 alternative corridors.

Based on initial desktop review, several sightings of federal and state protected species were identified. These include the following:

1. Bald eagle was observed in 2022 at Lake Busbee, within 1 mile of Alternative Corridors 14-16.
2. American chaffseed was observed in 1954 (possibly extirpated now) just east of SC 544 and just south of US 378. This observed sighting is located right within Alternative Corridors 15 and 16. Another American chaffseed sighting was observed in 1985 (possibly historic) west of US 17 and just south of Freewoods Road. No alternative corridor is located at this sighting.
3. A Rafinesque's big-eared bat roost was observed in 2022 along US 701 at the southernmost portion of the PSA. No alternative corridor is located at this location.

A more detailed analysis of impacts to threatened and endangered species is addressed in Section 6.1: Potential Impacts to Threatened and Endangered Species.

18.2.4.2 Fish, Crustaceans, Mollusks, and Other Aquatic Organisms

Each of the build alternatives would result in permanent, direct impacts to aquatic species. Permanent, indirect impacts to aquatic organisms could occur from increased pollution runoff due to additional highway traffic, resulting in potential loss of individual species and increased nonnative species plant intrusion, with potential loss of the habitats necessary to support these species.

Temporary impacts to aquatic organisms in the food web could result from turbidity, sedimentation, pollution, and contamination that could occur during construction and operation of the proposed facility. Impacts may also be greater to fish, crustaceans, mollusks, and other aquatic organisms the further downstream along the Waccamaw River due to closer proximity to Winyah Bay and where the Intracoastal Waterway drains into the Waccamaw River. Such alternatives that are located further south include Alternative Corridors 1 through 6 and 10 through 13.

18.2.4.3 Impacts on Essential Fish Habitat

Essential Fish Habitat (EFH) is identified in the Magnuson-Stevens Fishery Conservation and Management Act as "those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity." Essential Fish Habitat does exist along the Waccamaw River and Intracoastal Waterway under Alternative Corridors 1 through 6 and 10 through 16. Construction of new bridge pilings and fill placed along the abutments could directly impact EFH. BMPs for water quality would be part of the project and would control these indirect runoff impacts under all build alternatives. Based on current NOAA EFH mapping, no EFH is identified under Alternative Corridors 7 through 9. Therefore, these corridors are the least damaging to EFH.

18.2.4.4 Other Wildlife and Wildlife Corridors

Alternative Corridors 1 through 15 cross the Waccamaw Wildlife Refuge, which was established on December 1, 1997 to protect and manage diverse habitat within coastal river ecosystems and to provide wildlife-dependent recreational activities such as hunting, fishing, wildlife observation, photography and environmental education. The wetland diversity within the refuge provides important habitat for migratory birds, fish and other wildlife. This refuge provides biological value as habitat for resident species and also allows for migration, genetic exchange, and general movement of common, sensitive, and protected wildlife. Discharge of fill material associated with all of the build alternatives except Alternative Corridor 16 may eliminate or change breeding and nesting areas, destroy escape cover, increase edge effects, alter travel corridors, or remove preferred food sources for resident aquatic species and associated other species. Impacts to corridor crossings between streams, wetlands, and upland could affect small mammals, reptiles, and amphibians. Bird species movement is not as likely to be adversely affected by movement corridor impacts as they can fly over the roadway. However, their nests may be directly impacted.

18.3 Actions Taken to Minimize Adverse Effects

18.3.1 Wetland/Special Aquatic Site/Other Waters Impact Minimization Efforts

Many impacts to WoUS would be unavoidable due to the project size necessary to accomplish the purpose and need. An effort to minimize impacts is an objective of the design effort for each of the build alternatives. Some examples might include:

- New or existing roadway profiles would be minimized to reduce the width and overall footprint of the roadway to minimize wetlands and right-of-way impacts.
- Wildlife corridors adjacent to the proposed bridge along the Waccamaw River, or suitably wide shoulders along the paved bridge to allow safe crossings for species local to the Waccamaw Wildlife Refuge and surrounding protected areas.
- Proper hydrology studies will be conducted to determine the optimum channel dimensions/cross-sections, combined with bridge lengths, and culvert/pipe/riprap impacts to optimize flood condition flows at each stream crossing with the least amount of impacts to WoUS.

18.3.2 Conservation Measures

Conservation measures would be required for implementation of any of the sixteen (16) alternatives: Some examples are listed and a comprehensive list is available in **Appendix L**.

- Formal threatened and endangered species surveys will be conducted prior to construction to verify the presence or lack of species/suitable habitat.
- Sediment and erosion control measures, consistent with South Carolina BMPs, would be installed during construction of the project to prevent runoff and sedimentation to WoUS.

- Cut slopes and temporary impact areas would be revegetated with native upland habitats with composition similar to those habitats within the Waccamaw Wildlife Refuge if and when feasible.

18.3.3 Compensatory Mitigation

Mitigation bank(s) with service areas located within the preferred build alternative would be utilized where impacts to WoUS would take place. In the absence of available mitigation banks or wetland and stream credits in the proposed area of impact, a Permittee-Responsible Mitigation (PRM) plan would be developed. A PRM is defined in 33 CFR Part 332 as "an aquatic resource restoration, establishment, enhancement and/or preservation activity undertaken by the permittee (or an authorized agent or contractor) to provide compensatory mitigation for which the permittee retains full responsibility." This type of mitigation may also be referred to as "project-specific mitigation." This form of mitigation would require approval by the USACE and other governmental agencies.

18.3.4 Preliminary LEPDA Identification and Consideration of Other Section 404 Discharge Requirements/Restrictions

Since the aquatic resource full avoidance alternatives are not practicable, and because each of the SELL build alternatives would result in some aquatic resource loss, the practicable alternative with the least damage to aquatic resources must be identified as the least environmentally damaging practicable alternative (LEDPA), unless it has other significant adverse environmental consequences.

Based on preliminary analysis, the alternative with the lowest environmental impacts appears to be Alternative Corridor 16. The LEDPA must be a reasonable and practicable alternative and must be considered in the alternatives screening process. At this point in the project process, 16 conceptual alternatives have been proposed and impacts have been estimated. Following a detailed tiered alternatives screening to determine if the alternatives meet the project purpose and need, a LEDPA can be recommended.

19 PUBLIC INTEREST REVIEW FACTORS

The USACE has been involved in regulating certain activities in the nation's waters since 1890. Until 1968, the primary activity of the USACE regulatory program was the protection of navigation. As a result of several laws and judicial decisions, the program has evolved to one involving the consideration of the full public interest by balancing the favorable impacts against the detrimental impacts. This is known as the "public interest review". The USACE public interest review is the main framework for the overall evaluation of projects. The USACE seeks to avoid unnecessary regulatory controls. The public interest review is used to evaluate applications under all authorities administered by the USACE. The public interest review requires the careful weighing of all public interest factors relevant to each particular permit application. Thus, one specific factor (e.g., fish and wildlife values or economics) cannot by itself force a specific decision, but rather the decision represents the net effect of balancing all public interest factors, many of which are frequently in conflict. During the review of a permit application, the USACE evaluates the following public interest review factors: conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and the needs and welfare of the people.

The first public interest review factor that is addressed currently is economics which evaluates and assumes that appropriate economic evaluations have been completed, that the proposal is economically viable, and is needed in the marketplace. Another factor is aesthetics or visual impacts which evaluates if the project being proposed may impede or enhance a visual resource or the current aesthetic of the site. Wetlands is an important resource and are a productive and valuable public factor that serve various biological functions such as food chain production and general habitat for nesting and spawning for both aquatic and land species. Other values that are also currently addressed are fish and wildlife values and other natural resources. Additionally, floodplain values such as natural moderation of floods and flood hazards considerations are reviewed in the public interest analysis. Land use, describing the human use of the land such as agriculture or residential use is also considered. The last two factors include property ownership considerations such as a property owners general right to protect property from erosion or right of access to navigable waters of the US and displacements, and the needs and welfare of the people along with environmental justice. Other factors that will be addressed later in the project development prior to submitting a permit application are conservation, general environmental concerns, historic properties, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, and mineral needs.

Alternatives 1 through 16 are expected to have an overall beneficial effect on economics and the needs and welfare of people. These economic benefits would come about due to the creation of a new highway route. From a conceptual overview, each of these alternative routes would impact land use, floodplains, fish and wildlife values, wetlands, historic properties, and aesthetics or visual impacts (see Table 3: Environmental Impact Matrix). A factor that will not be affected or is uniform throughout each alternative is air quality. Other factors including conservation, general environmental concerns, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, and mineral needs will be evaluated in the project development for the reasonable and practicable alternatives, prior to submitting a permit application.

20 MITIGATION

Because there is no alternative that completely avoids impacts to WoUS, a mitigation analysis was conducted to better understand the potential for compensatory mitigation within the PSA (**Appendix M: SELL Mitigation Needs Analysis**). A preliminary evaluation to assess planning, feasibility, costs, and scheduling was completed based on the range of conceptual alternatives identified at this time. Based on the analysis study, the SELL project is expected to have significant impacts to aquatic resources, both wetlands and streams. With the landscape-scale impacts associated with the SELL project, a landscape-scale component of compensatory mitigation action will be appropriate. Presently, there are insufficient mitigation banks that have readily available credits to fulfill the total of estimated wetland and stream mitigation needs of the SELL project. Existing approved migration banks with available credits are shown in **Table 16: Mitigation Bank Credit Availability**.

Table 16: Mitigation Bank Credit Availability

Mitigation Bank Name	Bank Service Area	Wetland Credits Available?	Stream Credits Available?
Carter Stilley	Primary	Yes	Yes
Waccamaw	Primary	Yes	No
Town Creek Headwaters	Primary	Yes (very limited)	No
NCDMS Swamp Grape	Primary	Yes (very limited)	Yes

Source: USACE, Regulatory In-Lieu Fee and Bank Information Tracking System, May 2023.

A hybrid approach to compensatory mitigation has been employed in South Carolina for projects with comparative impacts to SELL. The hybrid approach utilizes both acquisition of available mitigation banking credits from approved mitigation banks and use of Permitee-Responsible Mitigation (PRM). Costs associated with an adequate and complete mitigation plan will depend on the compensatory mitigation needs of the approved and final alternative alignment of the SELL project. The total mitigation costs range is anticipated to be between $30 million and $40 million given the present information. Based on the above information, the following future actions are proposed:

- Confirm the preferred SELL alignment alternative and submit a Clean Water Act Section 404 permit application
- Confirm the mitigation approach with the project sponsor, USACE, SCDOT and project team.
- Refine a compensatory mitigation budget for the project.
- Continue to monitor existing and pending mitigation banks that serve the SELL project area.
- Schedule meetings with the project team to discuss mitigation alternatives and schedule site visits to evaluate high priority tracts for conceptual PRM planning.
- Conduct site visits for reconnaissance as prioritized and recommended by the project team.
- Discuss long-term stewardship opportunities for mitigation acreage with USFWS and SCDNR.

21 CONCLUSIONS

Horry County has a goal to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River. For this effort, 17 conceptual alternatives were developed including the No-Build Alternative. In the future, these Conceptual Alternatives will be assessed and updated through the public involvement process. They will be evaluated with screening criteria to determine if they meet the purpose and need and to determine which alternatives are reasonable and practicable. If an alternative does not meet the screening criteria metrics, it will not be further considered as a Reasonable Alternative. Reasonable Alternatives will also be assessed for potential impacts to the natural and human environment. Finally, the Proposed Reasonable Alternative that best balances the potential impacts to the human and natural environment will be recommended as the Preferred Alternative.

In the future, public involvement, mitigation planning, and a Section 404 permit application would be prepared by Horry County for submittal to the USACE.

APPENDIX A

Travel Demand Model Report

Travel Demand Modeling Technical Report

Travel Demand Modeling, and Development and Evaluation of Proposed SELL Alternatives

Horry and Georgetown Counties, South Carolina

May 2022

Prepared for
South Carolina Department of Transportation

Prepared by

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1 Introduction

STV, in cooperation with CECS, has been contracted by the South Carolina Department of Transportation (SCDOT) to provide travel demand modeling, development and evaluation of conceptual Southern Evacuation Lifeline (SELL) alternatives. Travel demand modeling was performed using the Grand Strand Area Transportation Study (GSATS) travel demand model. The GSATS model runs in TransCAD Version 7.0 Build 12280 (64-bit). The GSATS model was selected as it allows for assessments of changes to the roadway network at a regional level. Additional traffic studies will be completed at a later date to analyze specific impacts, such as intersection lane configurations and interchange types.

The purpose of the travel demand modeling effort was to incorporate conceptual SELL alternatives into the travel demand model and use model outputs to assess the estimated amount of traffic that would be carried by each alternative. These alternatives consisted of alternatives on new alignment, alternatives on a combination of widened existing roadway facilities with several short new alignment segments, and an alternative consisting of widened existing roadway facilities with no new alignment segments.

The results of the analysis are intended to assess the conceptual alternatives to determine if they meet the project purpose and need. The new alignment alternatives begin at an expanded interchange at US 501 and SC 22 (Conway Bypass) with the southern end located either along US 17 near Surfside Beach or along SC 31 (Carolina Bays Parkway) at a point between SC 544 and US 501. Three alternatives make use of expanded existing roadways. The northern end of these alternatives begins on US 501 at the SC 22 interchange with the southern end of these alternatives located on SC 544 at US 17 Bypass. These alternatives include portions of US 501 and/or portions of the Conway Perimeter Road. Two of the alternatives incorporate short sections of new alignment connections between existing roadways.

This Travel Demand Modeling Technical Report will:

- Discuss the use of the GSATS model in assessing the SELL alternatives.
- Depict the SELL alternatives in the context of the regional travel demand model network.
- Summarize the segment volumes for each of the SELL alternatives.
- Summarize potential measures of effectiveness (MOE) for comparisons of the individual SELL alternatives.
- Depict model ‘turn movement’ assignments at key interchange and arterial intersections to provide preliminary guidance for the type and size of interchanges.

1.1 SELL Study Area

The current GSATS model was released for use in late 2016 in support of the 2040 Metropolitan Transportation Plan. The model incorporates all of Georgetown and Horry counties in South Carolina and portions of Brunswick County in North Carolina. The study area for the SELL project is a portion of the overall GSATS model and is generally located in southwest Horry County in an area bounded by the Georgetown County line, US 17, SC 544, and US 501. The northern terminus of the SELL project is the existing interchange of US 501 and the Conway Bypass (SC 22).

The SELL study area in the context of the GSATS model is shown in **Figure 1**.

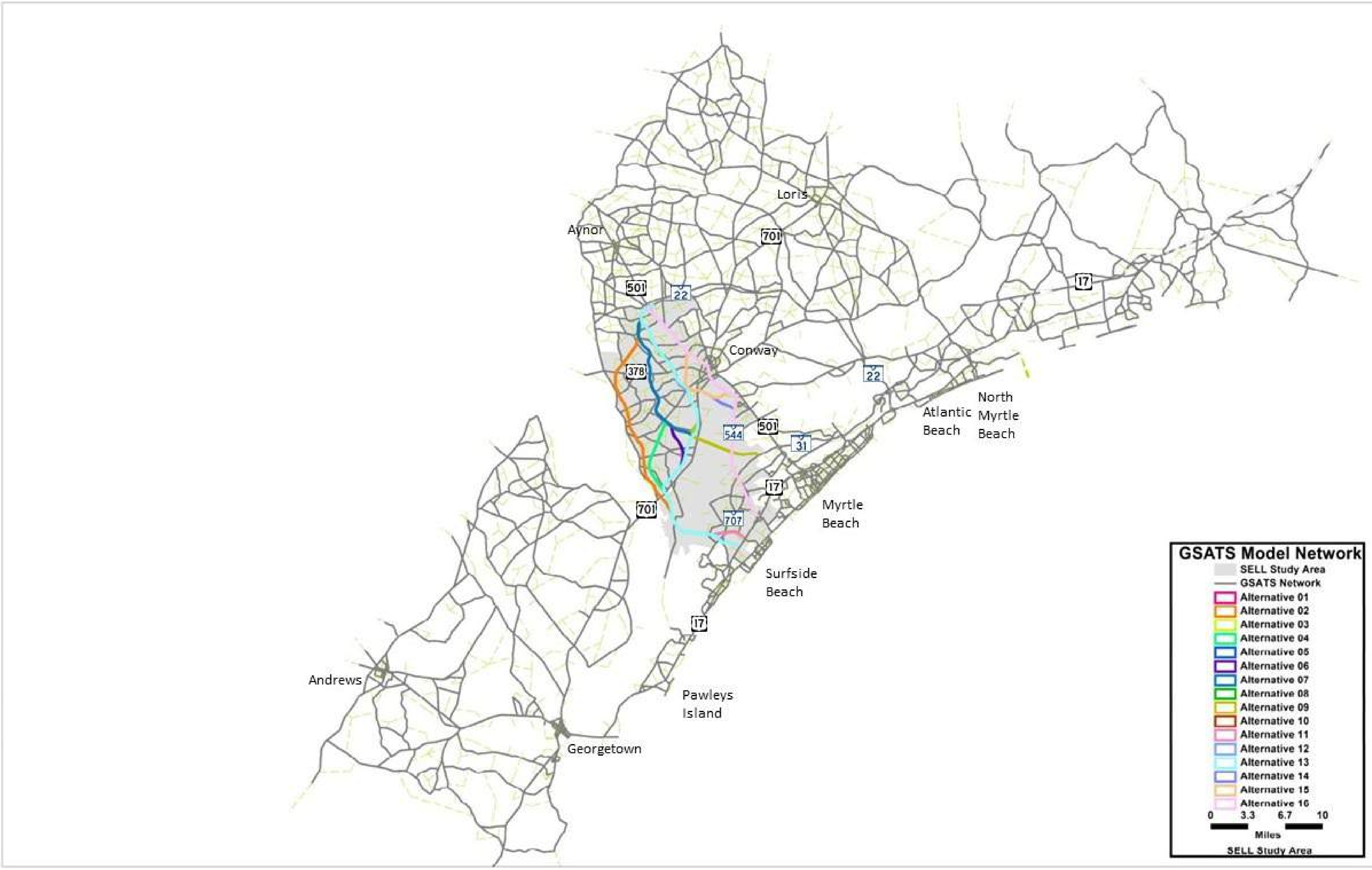


Figure 1 - SELL Study Area within GSATS Network

2 Existing Conditions and Projected Growth

The South Carolina Statewide Model (SCSWM) and the GSATS travel demand models were considered for use in performing the travel demand modeling activities. The project team determined that the 2040 GSATS model would be the appropriate platform for the travel demand modeling needs of this project, at the time of this analysis and report.

The project scope called for a 2050 design year, which is ten years beyond the current model's 2040 design year. To project traffic from 2040 to 2050 would require either creating new land use files for the 2050 model or applying a scalar factor to the model assignment results based on population growth and 2020 census data.

Traffic in the GSATS model is generated based on socio-economic data contained in traffic analysis zones (TAZ) that make up smaller geographic subareas within the model. The GSATS model has a total of 721 TAZ, with 684 TAZ used for generating trip productions and attractions based on zonal socio-economic data within the land use files. Land use files are provided for 2015, 2020, 2025, 2030, 2035, and 2040 regional development scenarios.

The socio-economic data in the land use files within the GSATS model do not explicitly incorporate residential or employment population estimates within the individual TAZ. Instead, the trip generation step that leads to the estimation of productions and attractions by each TAZ are estimated using proxies for residential and employment population. Trip productions are based on the number of dwelling units in each zone, while trip attractions are based by employment estimates derived from the number of hotel/motel rooms, and the estimated amount of acreage for recreation, utility, industrial, public/semi-public, and commercial development within each TAZ.

Efforts were made to take the previous TAZ socio-economic inputs used in the development of the 2040 GSATS model and adjust them to provide an unrefined estimated of 2045 and 2050 land use values for use in running traffic assignments for those years. The available information within the model's land use files were reviewed against past socio-economic data distribution spreadsheets to see if growth could be extended from those previous calculations. The intent was to use a socio-economic inputs and forecasts that were used in the 2040 GSATS model for 2015, 2020, 2025, 2030, 2035, and 2040 as a starting point and use more recent population forecasts generated by the South Carolina Revenue and Fiscal Affairs Office (SCRFAO) to adjust the 2040 land use forecasts to estimate 2050 conditions. However, since there is no direct connection between the regional population forecasts and the socio-economic inputs for dwelling units and development acreage and hotel/motel rooms, a reasonable and defensible process for increasing the model's land use inputs could not be developed.

It is decided to advance the study using the current 2040 GSATS land use data and update the model runs in the future when 2050 land use data is developed. The resulting 2040 volume assignments will likely be lower than the 2050 results would be. As an interim step until the 2050 land use data is ready, the 2040 model results may be factored manually prior to using the updated land use. However, adjustments to the volumes must be carefully made since some portions of the alternatives contain segments in a portion of the GSATS area which had previously not experienced much growth compared to the more heavily urbanized and developed areas along US 501 and US 17.

3 Development of the SELL Model Alternatives

The development of the SELL alternatives in the calibrated GSATS 2040 travel demand model involved obtaining the current model, reviewing the model structure and documentation, performing test runs to ensure the model was performing correctly, and developing the various SELL alternative alignments within the model. Individual 2040 model assignments were run for each of the SELL alternatives.

3.1 Obtaining and Reviewing of the GSATS Travel Demand Model

The 2040 GSATS travel demand model files were requested from the Waccamaw Regional Council of Governments, the planning agency that applies the GSATS model as part of their long-range planning process. The files were received from CDM Smith, the consultant who is under contract to build and maintain the current 2040 GSATS model.

The model documentation and network structure were reviewed, and a test run of the 2040 Existing plus Committed (E+C) project network was performed. The Committed projects include those listed in the Statewide Improvement Plan, the Rural Transportation Improvement Plan, and the 2015-2019 Transportation Improvement Plan as of December 2016.

3.2 Network and Zone Changes

No changes to the GSATS model zone structure was made for any of the network TAZ files.

A Google Earth *kmz* file containing each of the 16 roadway alternative scenario alignments and callouts indicating the locations of the all the various alternative segments was provided for use in incorporating the alternatives into the GSATS E+C network. This *kmz* file was created from MicroStation files depicting the conceptual alternatives. **Figure 2** depicts the various individual segments making up the potential alignment alternatives. **Table 1** shows which segments depicted in **Figure 2** were used to construct each of the 16 Alternatives.

A review of the sixteen alternative scenarios indicated that there were alternatives which were largely identical except for one or several segments that were not likely to impact the model assignments. These segments were of comparable length and/or not separated far from segments in otherwise identical alternatives. In these cases, one alternative was selected to represent the two similar alternatives. This resulted in combining ten of the 16 roadway alternatives to five alternatives to be tested in the GSATS model. This reduced the total number of modeled alignment alternatives from 16 roadway alternatives to 11 SELL GSATS model alternatives.

- Alternative 1 -> SELL 01
- Alternative 2 -> SELL 02
- Alternative 3 & Alternative 5 -> SELL 03
- Alternative 4 & Alternative 6 -> SELL 04
- Alternative 7 -> SELL 05
- Alternative 8 & Alternative 9 -> SELL 06
- Alternative 10 & Alternative 11 -> SELL 07
- Alternative 12 & Alternative 13 -> SELL 08
- Alternative 14 -> SELL 09
- Alternative 15 -> SELL 10
- Alternative 16 -> SELL 11

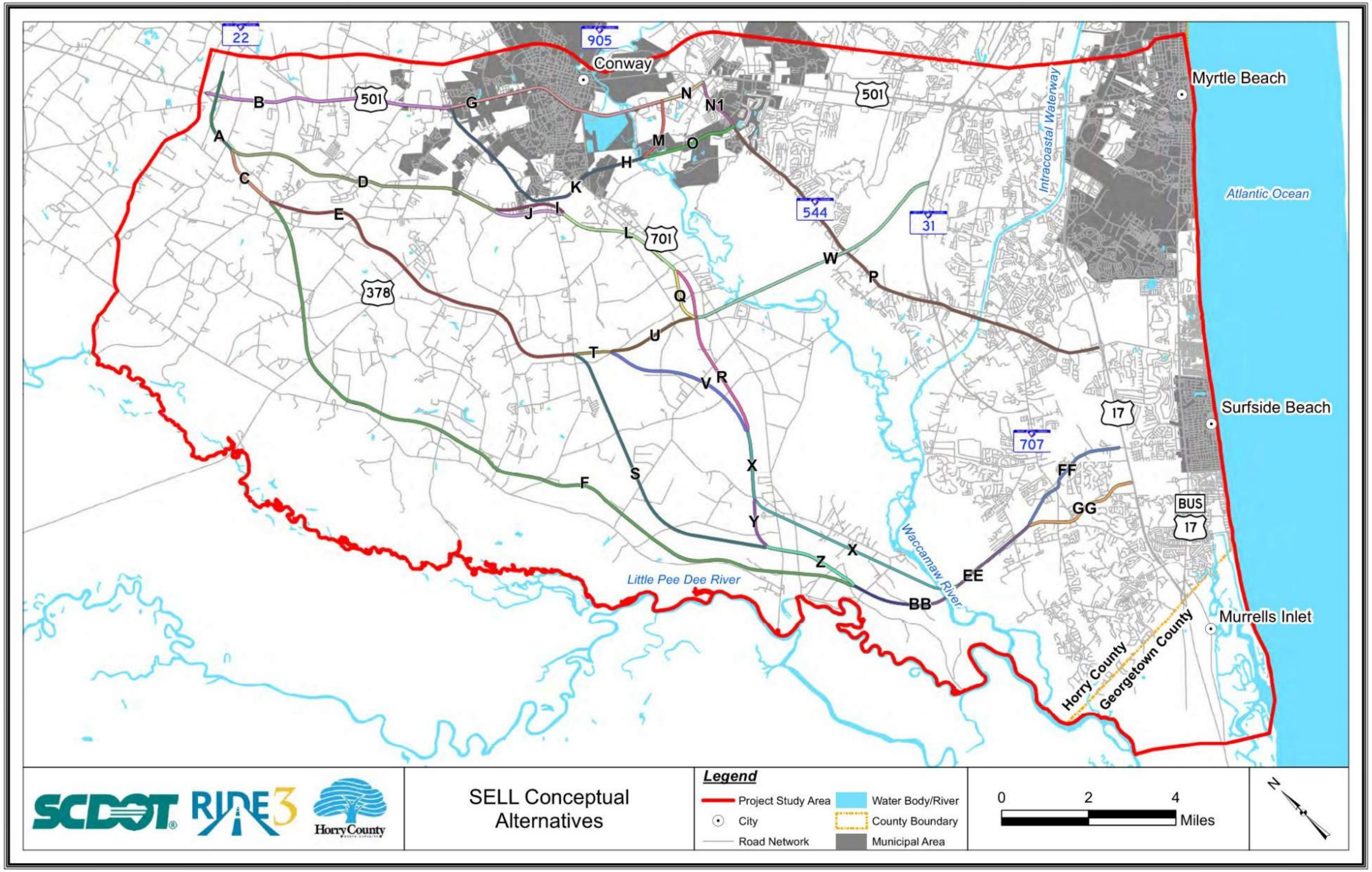


Figure 2 - SELL Alternative Segments

Table 1 - SELL Conceptual Alignment Segments

Conceptual Alternative ID	Segments Within Alternative										
1	A	C	F	BB	EE	FF					
2	A	C	F	BB	EE	GG					
3	A	C	E	S	Z	BB	EE	FF			
4	A	C	E	S	Z	BB	EE	GG			
5	A	C	E	T	V	X	Y	Z	BB	EE	FF
6	A	C	E	T	V	X	Y	Z	BB	EE	GG
7	A	C	E	T	U	W					
8	A	D	J	L	Q	W					
9	A	D	I	L	Q	W					
10	A	D	J	L	R	X	Y	Z	BB	EE	FF
11	A	D	I	L	R	X	Y	Z	BB	EE	FF
12	A	D	J	L	R	X	Y	Z	BB	EE	GG
13	A	D	I	L	R	X	Y	Z	BB	EE	GG
14	B	H	K	O	P						
15	B	H	K	M	N	N1	P				
16	B	G	N	N1	P						

Embedded in the *kmz* files were layers that outlined the boundaries of each of the 16 roadway alternatives. The Alternatives within the overall SELL Alternatives *kmz* file were saved as individual *kmz* files from Google Earth. Each of the 16 individual roadway alternatives files were then imported into the GSATS model as 'Area' files and saved into separate subfolders for their respective alternative. Once all sixteen roadway alternative *kmz* files had been imported and saved, they were then able to be added individually as separate background area layers to assist in modifying the networks to incorporate the SELL alternatives. Individual SELL Alternative scenarios are discussed in more detail in **Section 4**.

With all the alternative areas visible as background layers in the GSATS network, the 2040 E+C network was reviewed along the alternatives to determine if any areas of the base network needed to be edited to incorporate transportation facility improvements that have already been constructed. The network links were compared against the aerial photo backgrounds in Google Earth and recently constructed improvements that were not included in the 2040 E+C network were identified. The network was then modified to incorporate the single recently constructed improvement. These edits consisted of:

- Modifying the interchange at SC 544 and SC 31 (Carolina Bays Parkway) to add a loop ramp from southbound SC 544 to eastbound SC 31. This loop ramp was opened to traffic in 2019.

One other network improvement within the SELL study area that was not within the 2040 networks was identified as likely to be constructed and open to traffic prior to 2040. This network was adjusted to include:

- The extension of El Bethel Road as part of the Conway Perimeter Road project. This roadway was extended from its current terminus on US 378 to the south and then east to its terminus at US 701. The extension also included an intersection with Cates Bay Highway and the relocation of Dirty Branch Road from its intersection with Cates Bay Highway to a new intersection with the Conway Perimeter Road north of Cates Bay Highway.

A separate primary GSATS 2040 SELL network was created to keep the original network files unmodified and in the state in which they were received. It was decided to code all the new SELL segments for all the SELL alignments into this separate primary network rather than code each of the ten SELL alternatives incorporating new links separately. Coding all the segments into one network ensures that identical links would have the same link number throughout each of the alternatives. Coding the SELL new alignment segments into one network also expedited the coding process (each segment only had to be coded once) and facilitates the comparison of the same link between model runs for the different alternatives. Coding multiple SELL alternatives individually could end up with the layout of the same individual segments not being consistent between alternatives, could end up with a segment that is part of multiple SELL alternatives to have a different link number between the alternatives, and avoids having different segments in different SELL alternatives having the same link number.

Once all the SELL segments were coded into the primary network, the network was exported to create the individual SELL alternative networks. Each individual SELL alternative network was then edited and the new alignment segments that would not be included in a specific SELL alternative was eliminated.

Several network changes were made in the primary SELL network containing all SELL new alignment segments:

- The existing interchange of US 501 and US 22 (Conway Bypass) was modified to provide full access to Alternatives 1-13 (GSATS SELL alternatives 1 through 8).
- An interchange that was present in the 2040 LRP network on SC 701 at Holmestown Road was incorporated into Alternatives 1, 3, 5, 10, and 11 (GSATS SELL Alternatives 1, 3, and 7). Adjustments were made to the network on SC 701 and Holmestown Road in that area for Alternatives 1, 3, 5, 10, and 11 (GSATS SELL Alternatives 1, 3, and 7), while the current 2040 E+C network coding was maintained for Alternatives 2, 4, 6, 7, 8, 9, 12, and 13 (SELL Alternatives 2, 4, 5, 6, and 8).

Aside from these locations, no other interchanges were explicitly coded in the network. Interchanges were coded as typical intersections at a single node.

While eight of the 11 GSATS SELL alternative networks consisted primarily of adding new segments to create the SELL alternative alignments, two GSATS SELL alternatives consisted of a combination of new alignment segments and improvements to existing network segments. The following network changes were made for those two alternatives:

- A centroid connector 359 from Traffic Analysis Zone (TAZ) 1243347 was eliminated for Alternatives 14 and 15 (GSATS SELL Alternatives 9 and 10). In Alternatives 14 and 15, an additional new alignment extension of the Conway Perimeter Road would create an intersection at New Road where centroid connector 359 had been entering the network in Alternatives 1 through 13 (SELL Alternatives 1 through 8). The centroid connector was eliminated since typical modeling practice is to avoid attaching centroid connectors at intersections.

Alternatives 14, 15, and 16 (SELL Alternatives 9, 10, and 11) also incorporated improvements to existing arterial roadways, such as SC 544 and US 501. The improvements consisted of increasing the total number of lanes on each link to provide two additional lanes. Alternatives 16 (SELL Alternative 11) is the only alternative that does not include new SELL segments and is made up entirely of adjustments to existing roadway links. The network edits for these alternatives were made in the individual SELL Alternative network files.

3.3 I-73 Network Links

For many years, I-73 has been under development by SCDOT. I-73 is a proposed new alignment limited-access interstate route with a southern terminus on US 22 east of the US 501 interchange that would run to the northwest to Rockingham, NC. Outside of the SELL study area, I-73 would run generally parallel to US 501 with a connection with I-95.

I-73 was not included in the GSATS 2040 E+C model network. Therefore, it was not included as part of the modeling of the SELL alternatives and its potential influence is not included in the traffic forecasts developed. Should it become necessary at a later date to include I-73, appropriate modifications will be made to the SELL alternative model networks.

3.4 Calibration

The calibrated 2040 E+C network was used as the basis of the creation of the eleven SELL alternatives.

4 Scenarios Evaluated

4.1 Conceptual Alternatives Considered

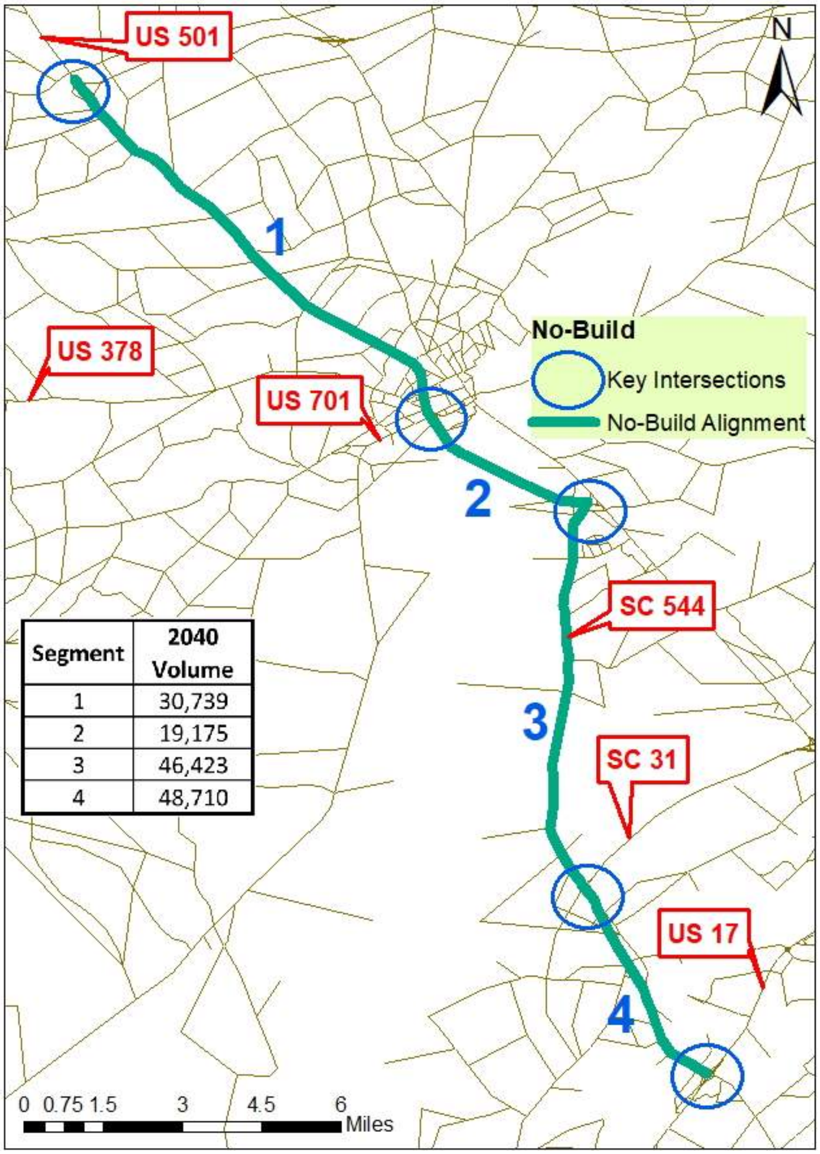
Roadway Alternatives 1 through 13 (GSATS SELL Alternatives 1 through 8) are all new alignments. Roadway Alternatives 14 and 15 (GSATS SELL Alternatives 9 and 10) are a combination of the new alignments and the existing routes. Roadway Alternative 16 (GSATS SELL Alternative 11) is entirely on existing routes. For the Alternatives that incorporate the existing routes, the existing arterials alignments will be widened by two lanes. All new alignments were initially modeled as four-lane expressways. After initial model runs were completed, the new alignments were modeled as six lane expressways to accommodate the traffic projections and address the high levels of congestion observed in the initial results.

The No-Build Alternative consists of the currently coded GSATS 2040 E+C Model network. For evaluation purposes, the no-build alternative will be generally defined as US 501 between the SC 22 interchange and SC 544, and SC 544 between US 501 and US 17. This is comparable to Roadway Alternative 16 (GSATS SELL Alternative 11) without the widening of the existing arterial alignment by two lanes.

The no-build alternative and the eleven future year 2040 GSATS SELL Alternatives, made up of the original 16 roadway alternatives, are described beginning on the next page. Each alternative description includes a figure depicting the alternative alignment, key segments, locations of interchanges or major intersections along the alternative alignment, labels identifying major routes, and projected 2040 average daily peak-season traffic volumes.

4.1.1 No-Build Alternative

The route used to evaluate the No-Build Alternative against the proposed SELL Alternatives begins on US 501 at the SC 22 interchange, then follows the existing alignment along US 501 to the southeast direction before turning to the south on the existing alignment along SC 544 to its terminus at US 17. This alternative, which is comparable to the Alternative 16 route alignment, is 23.8 miles long and has multiple at grade intersections throughout its length. The No-Build Alternative and the 2040 volume assignments are shown in **Figure 3**.

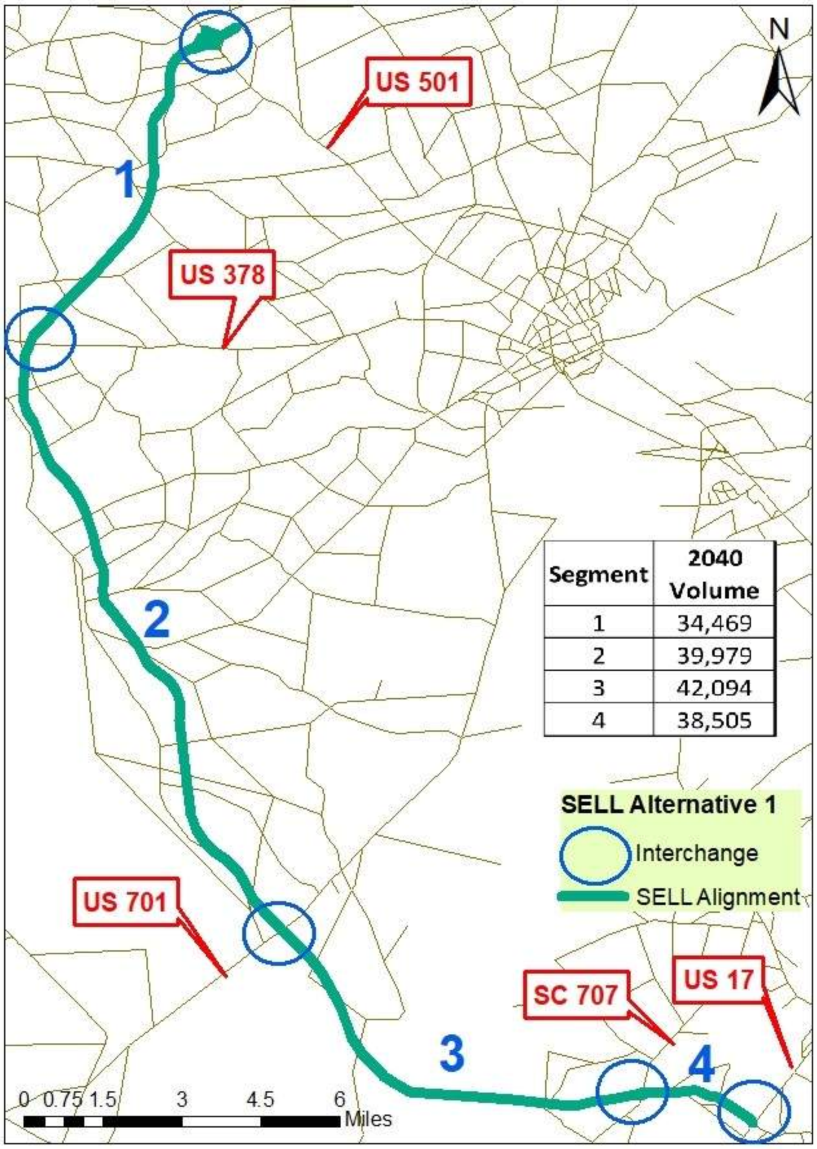


Segment	2040 Volume
1	30,739
2	19,175
3	46,423
4	48,710

Figure 3 - No-Build Alternative

4.1.2 Alternative 1 (GSATS SELL Alternative 1)

Alternative 1 starts at Conway Bypass and US 501 interchange and runs in the southwest direction until intersecting US 378 one mile east of Pee Dee Highway (S-26-24). It continues in the southeast direction until intersecting US 701 1.5 miles west of Little Lamb Road (S-26-48) and then continues in the southeast direction until intersecting SC 707 0.6 miles south of Bay Road (S-26-926). From there it proceeds east until it terminates at the intersection of US 17 and Glenns Bay Road. The total length of Alternative 1 is 29.3 miles. Interchanges are provided along its alignment at US 501, US 378, US 701, SC 707, and US 17. Alternative 1 and the 2040 volume assignments are shown in **Figure 4**.

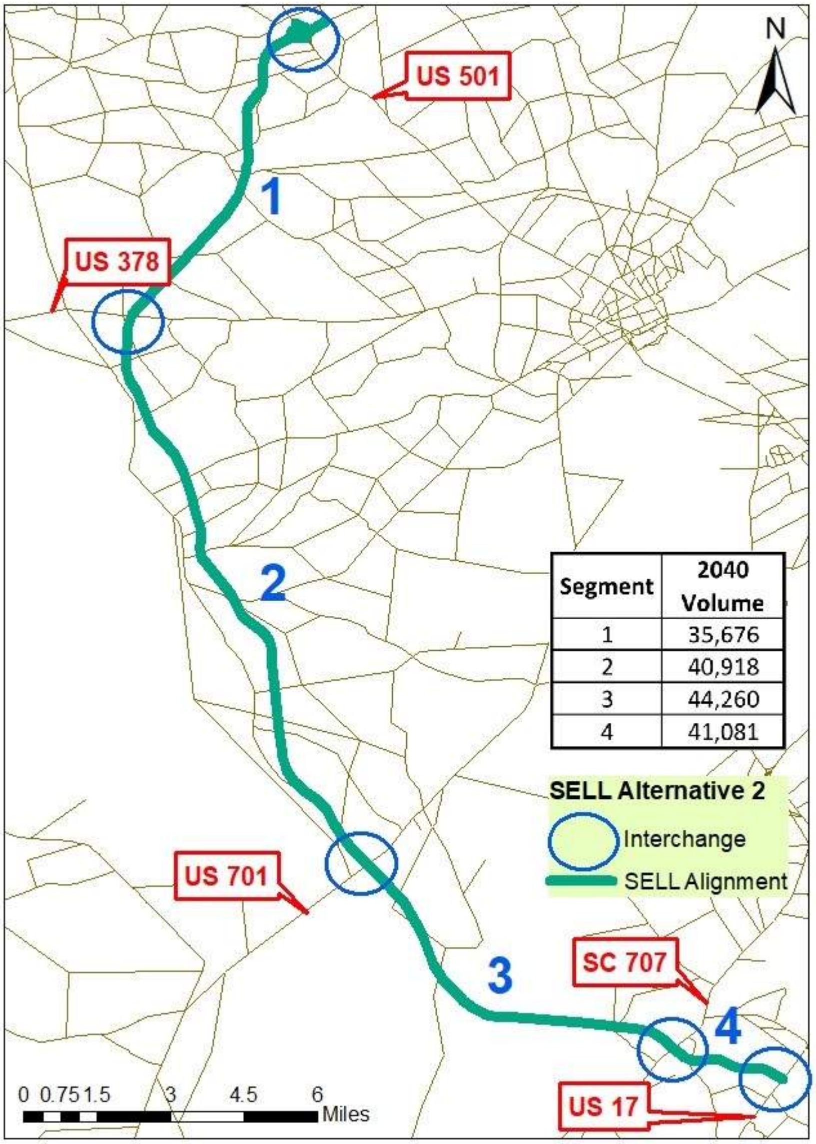


Segment	2040 Volume
1	34,469
2	39,979
3	42,094
4	38,505

Figure 4 - Alternative 1

4.1.3 Alternative 2 (GSATS SELL Alternative 2)

Alternative 2 follows the same alignment as Alternative 1 except from 0.8 miles west of its intersection with SC 707. At that point, the Alternative 2 alignment continues along a more southern route than Alternative 1 between SC 707 and US 17 where it terminates 0.7 miles southwest of the US 17 and Holmestown Road intersection. The total length of Alternative 2 is 30.4 miles. Interchanges are provided along its alignment at US 501, US 378, US 701, SC 707, and US 17. Alternative 2 and the 2040 volume assignments are shown in **Figure 5**.



Segment	2040 Volume
1	35,676
2	40,918
3	44,260
4	41,081

Figure 5 - Alternative 2

4.1.4 Alternatives 3 and 5 (GSATS SELL Alternative 3)

The alignments for Alternative 3 and 5 are slightly different. However, the minor differences in the alignments were considered not significant for modeling purposes. Alternative 3 was coded into the network. Alternative 3&5 is used to indicate results for the single modeled alternative for these two similar alternatives. Alternative 3&5 is the same as Alternative 1 from US 501 to just north of where it crosses Four Mile Road (S-26-548). From there, Alternative 3&5 runs generally parallel to the east of Alternative 1, intersecting US 378 approximately three miles east of the Alternative 1 interchange, to approximately where it crosses Harder Road. At this point Alternative 3&5 turns to the southwest until it intersects US 701 about 0.5 miles northeast of Alternative 1. Alternative 3&5 continues south for another 1.7 miles before the alignment follows the remainder of Alternative 1 to its termination point at US 17. Alternative 3&5 is 30.6 miles long and has interchanges at US 501, US 378, US 701, SC 707, and US 17. Alternative 3&5 and the 2040 volume assignments are shown in **Figure 6**.

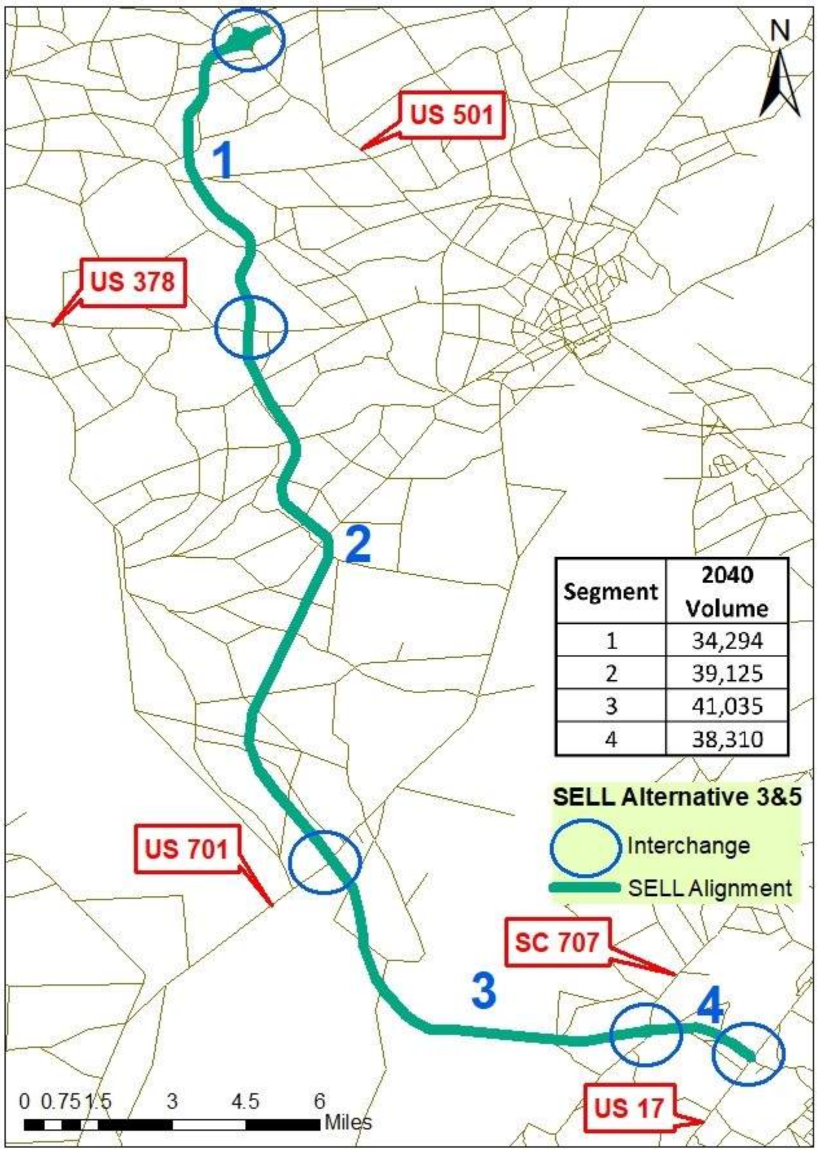
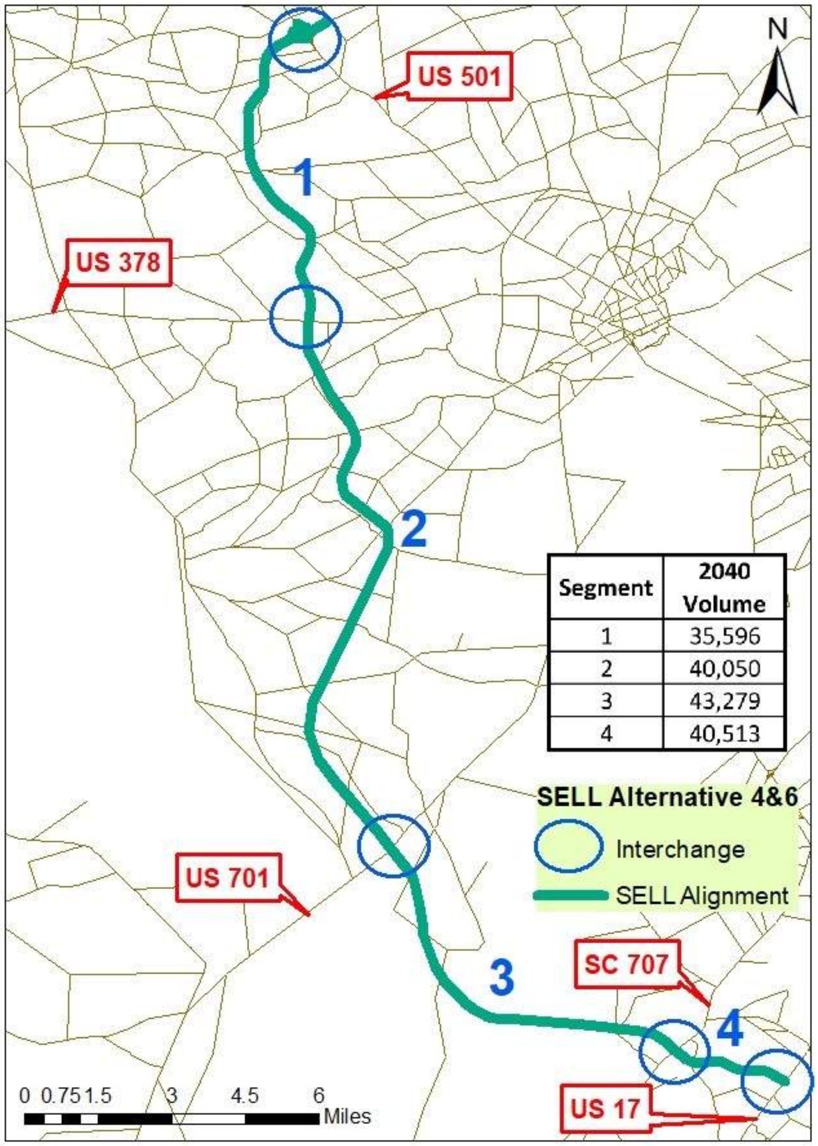


Figure 6 - Alternative 3&5

4.1.5 Alternatives 4 and 6 (GSATS SELL Alternative 4)

The alignments for Alternative 4 and 6, similar to the alignments for Alternatives 3 and 5, were close enough to combine them into a single alternative that followed Alternative 4. Alternative 4&6 is used to indicate results for the single modeled alternative for these two similar alternatives. Alternative 4&6 has the same alignment as Alternative 3&5 until approximately 0.8 miles west of SC 707, where Alternative 4&6 follows the alignment of Alternative 1 to its southern terminus. Alternative 4&6 is 30.1 miles long and has interchanges with US 501, US 378, US 701, SC 707, and US 17. Alternative 4&6 and the 2040 volume assignments are shown in **Figure 7**.

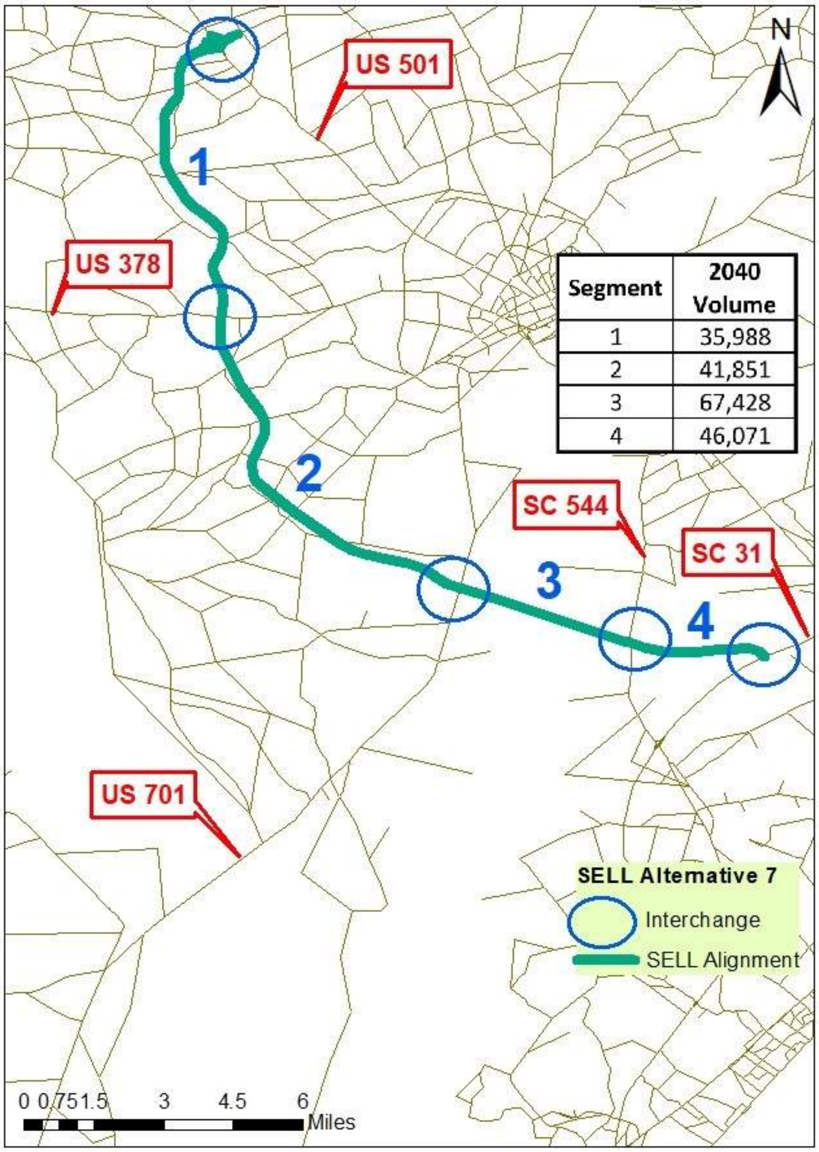


Segment	2040 Volume
1	35,596
2	40,050
3	43,279
4	40,513

Figure 7 - Alternative 4&6

4.1.6 Alternative 7 (GSATS SELL Alternative 5)

Alternative 7 follows the alignment of Alternative 3&5 from the beginning until about where it crosses Harder Road. At this point, Alternative 7 proceeds southeast, to its terminus at SC 31. Alternative 7 is 22.8 miles long. It has interchanges at US 501, US 378, US 701, SC 544, and SC 31. Alternative 7 and the 2040 volume assignments are shown in **Figure 8**.



Segment	2040 Volume
1	35,988
2	41,851
3	67,428
4	46,071

Figure 8 - Alternative 7

4.1.7 Alternatives 8 and 9 (GSATS SELL Alternative 6)

Alternative 8 and Alternative 9 were also two alternatives that were similar enough to combine into a single alternative alignment in the GSATS model, with Alternative 8 coded into the network. Alternative 8&9 is used to indicate results for the single modeled alternative for these two similar alternatives. The first 1.5 miles of Alternative 8&9 is the same as all prior alternatives beginning at the US 501 interchange. Just south of where it crosses Knotty Brand Road, Alternative 8&9 runs southeast then south, generally parallel to Alternative 7, until it intersects Alternative 7 just west of US 701. Alternative 8&9 then coincides with Alternative 7 to their shared terminus at SC 31. Alternative 8&9 is 22.1 miles long. It has interchanges with US 501, US 378, US 701, SC 544, and SC 31. Alternative 8&9 and the 2040 volume assignments are shown in **Figure 9**.

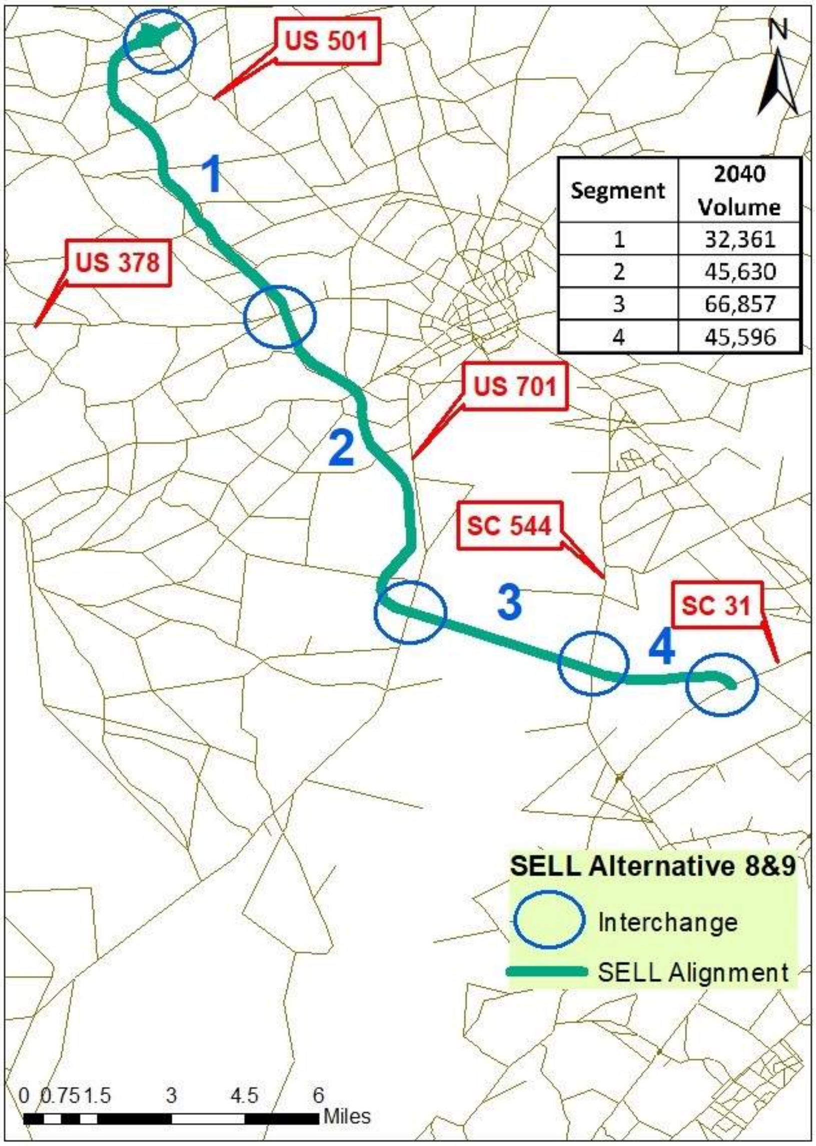
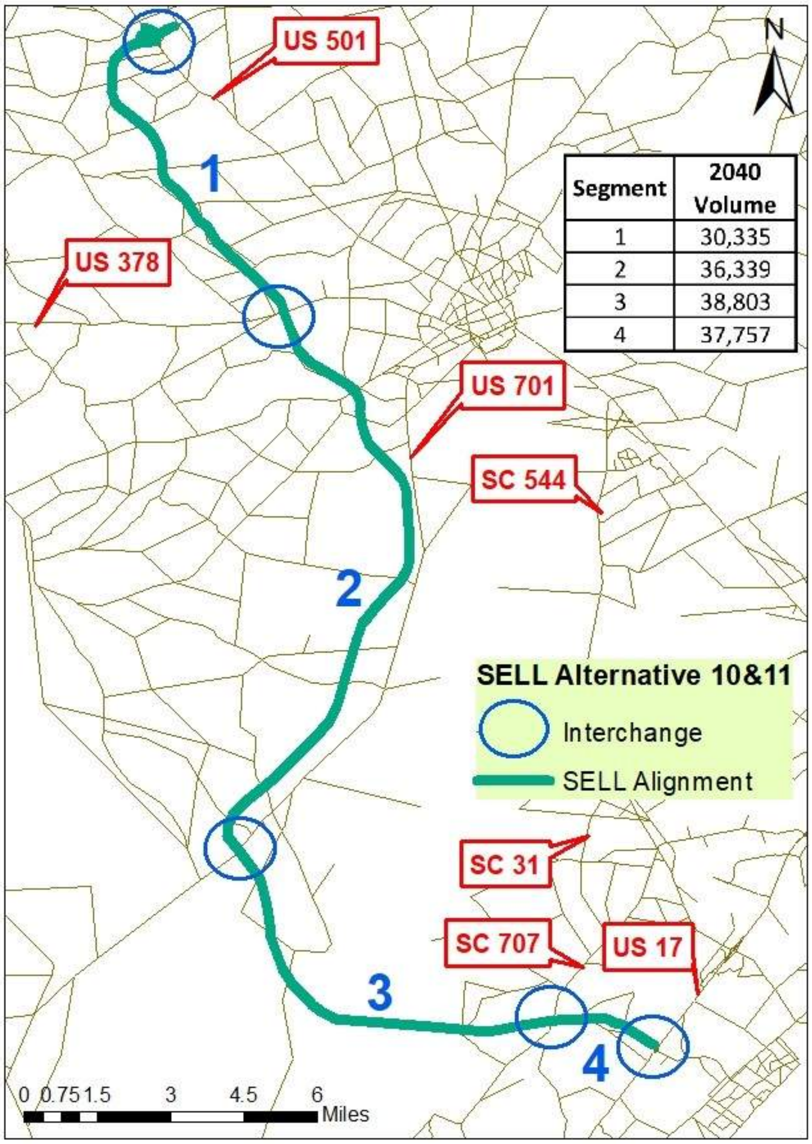


Figure 9 - Alternative 8&9

4.1.8 Alternatives 10 and 11 (GSATS SELL Alternative 7)

Alternative 10 and Alternative 11 also have similar enough alignments so that Alternative 11 was coded as a single alternative in the GSATS model. Alternative 10&11 is used to indicate results for the single modeled alternative for these two similar alternatives. From the US 501 interchange with SC 22, Alternatives 10&11 coincides with Alternatives 8&9 to a point north of Harder Road and west of US 701. At that point, Alternatives 10&11 continues southwest for about 6.5 miles, where it coincides with Alternative 3&5, continuing along the same alignment to its terminus at US 17. Alternative 10&11 is 31.4 miles long. It has interchanges with US 501, US 378, US 701, SC 707, and US 17. Alternative 10&11 and the 2040 volume assignments are shown in **Figure 10**.

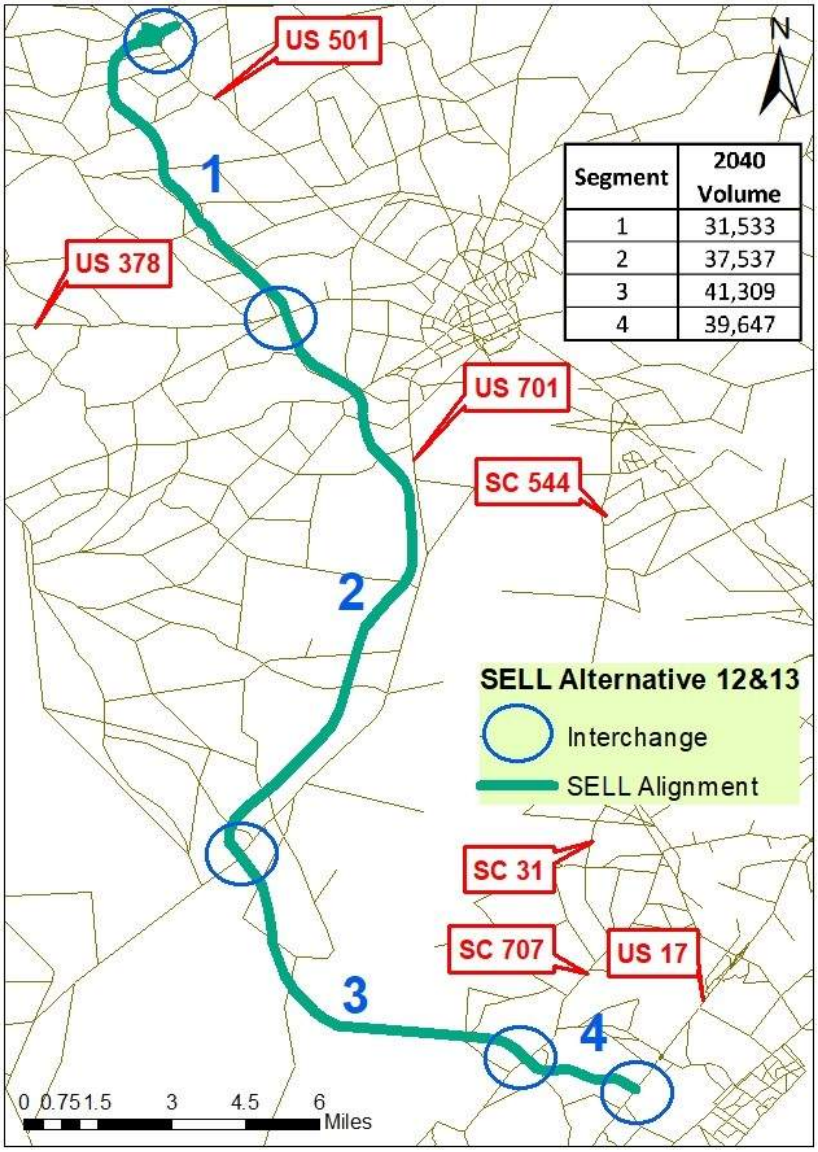


Segment	2040 Volume
1	30,335
2	36,339
3	38,803
4	37,757

Figure 10 - Alternative 10&11

4.1.9 Alternatives 12 and 13 (GSATS SELL Alternative 8)

Alternative 12 and Alternative 13 also have similar enough alignments so that Alternative 13 was coded to represent both alignments in the GSATS model. Alternative 12&13 is used to indicate results for the single modeled alternative for these two similar alternatives. Alternative 12&13 follows the same alignment as Alternative 10&11 at a point starting 0.8 miles west of SC 707 where it follows the common alignment of Alternatives 2 and 4&6 to its terminus at US 17. Alternative 12&13 is 31.2 miles long. It has interchanges at US 501, US 378, US 701, SC 707, and US 17. Alternative 12&13 and the 2040 volume assignments are shown in **Figure 11**.

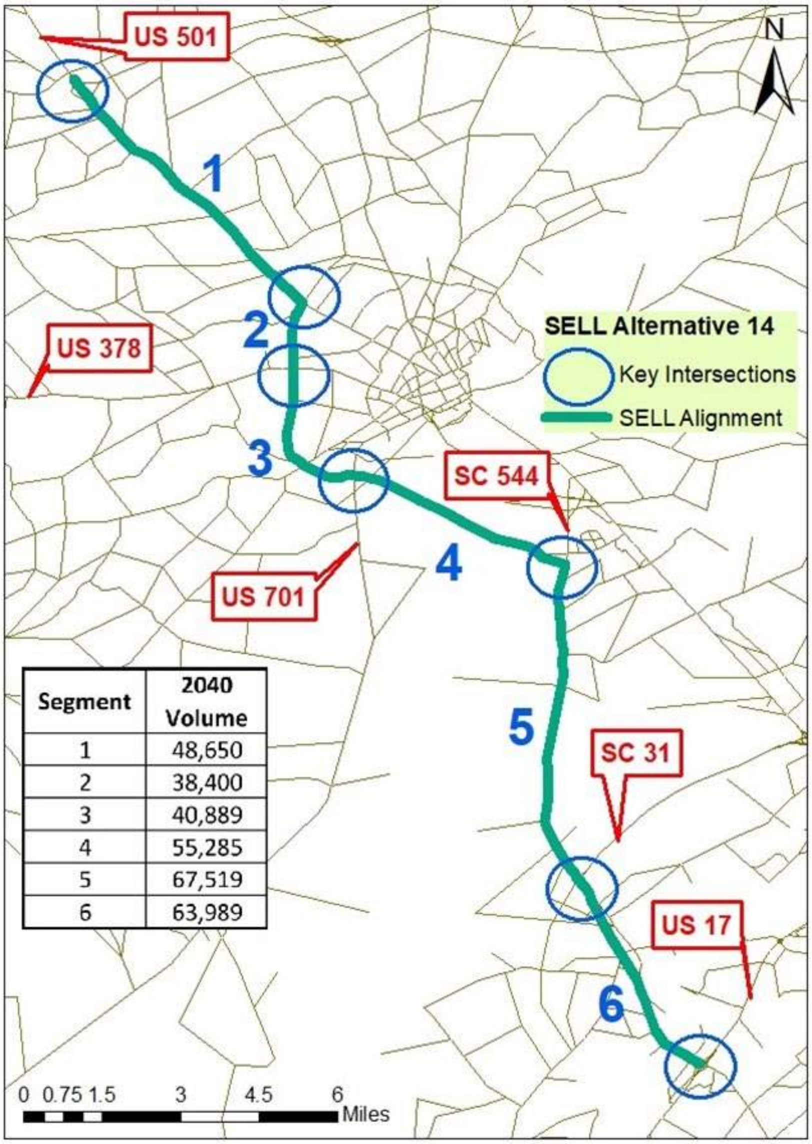


Segment	2040 Volume
1	31,533
2	37,537
3	41,309
4	39,647

Figure 11 - Alternative 12&13

4.1.10 Alternative 14 (GSATS SELL Alternative 9)

Alternative 14 begins on US 501 at the interchange with SC 22 (Conway Bypass). Alternative 14 runs along a widened existing alignment of US 501 to the southeast for 5.4 miles. At this point, Alternative 14 runs along the widened existing alignment of El Bethel Road to Cates Bay Highway at which point it continues along the widened alignment of the Conway Perimeter Road to US 701. Alternative 14 runs along new alignment between US 701 and SC 544. Alternative 14 then follows a widened existing alignment of SC 544 for about 10.4 miles to its terminus at US 17. Alternative 14 is 24.1 miles long and is expected to have multiple at grade intersections throughout its length. Alternative 14 and the 2040 volume assignments are shown in **Figure 12**.

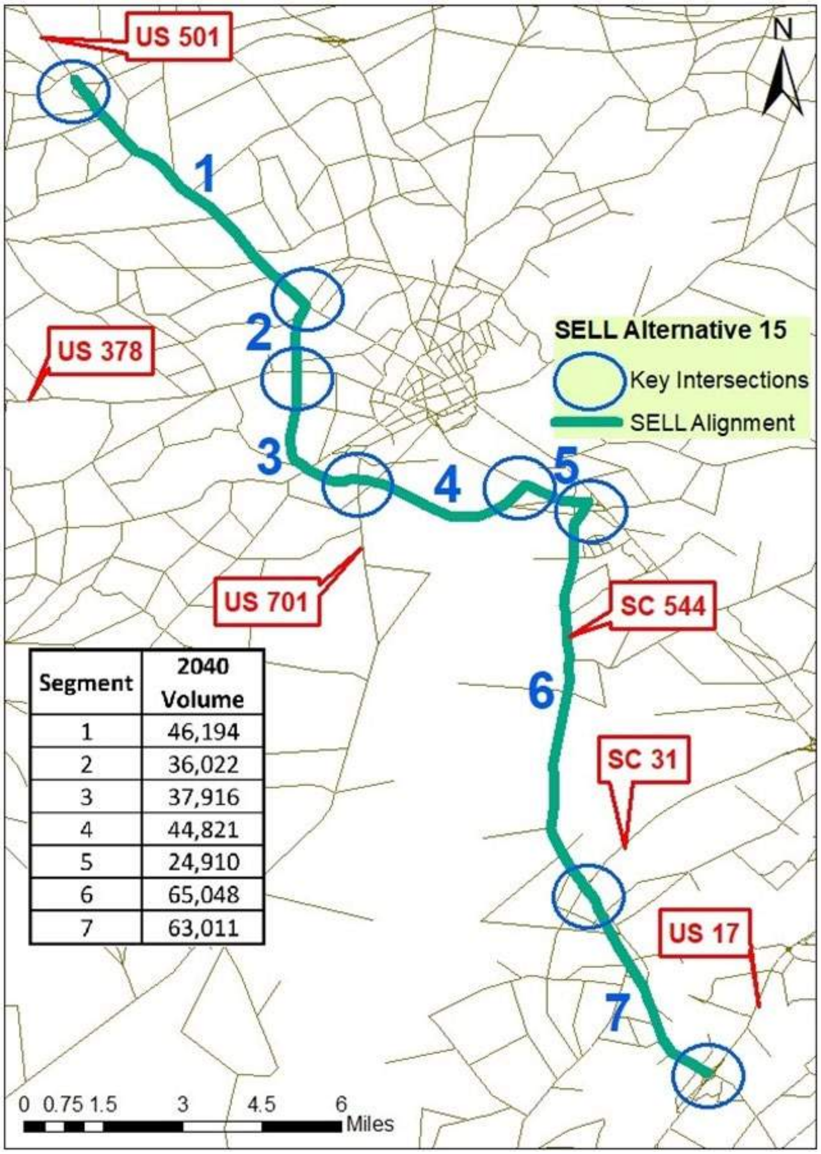


Segment	2040 Volume
1	48,650
2	38,400
3	40,889
4	55,285
5	67,519
6	63,989

Figure 12 - Alternative 14

4.1.11 Alternative 15 (GSATS SELL Alternative 10)

Alternative 15 follows the same alignment as Alternative 14 between the SC 22 interchange and US 701. From that point, Alternative 15 follows a portion of the new alignment from Alternative 14 for about 1.4 miles to the southeast, and then bends to the north to intersect US 501 following the general alignment of the Academy Drive Extension. Alternative 15 then continues to the east along a widened existing alignment of US 501, then to the south along a widened existing alignment of SC 544 to its terminus at US 17. Alternative 15 is 26 miles long and is expected to have multiple at grade intersections throughout its length. Alternative 15 and the 2040 volume assignments are shown in **Figure 13**.



Segment	2040 Volume
1	46,194
2	36,022
3	37,916
4	44,821
5	24,910
6	65,048
7	63,011

Figure 13 - Alternative 15

4.1.12 Alternative 16 (GSATS SELL Alternative 11)

Alternative 16 begins on US 501 at the SC 22 interchange, then follows widened existing alignment along US 501 to the southeast direction before turning to the south on widened existing alignment along SC 544 to its terminus at US 17. Alternative 16 is 23.8 miles long and is expected to have multiple at grade intersections throughout its length. Alternative 16 and the 2040 volume assignments are shown in **Figure 14**.

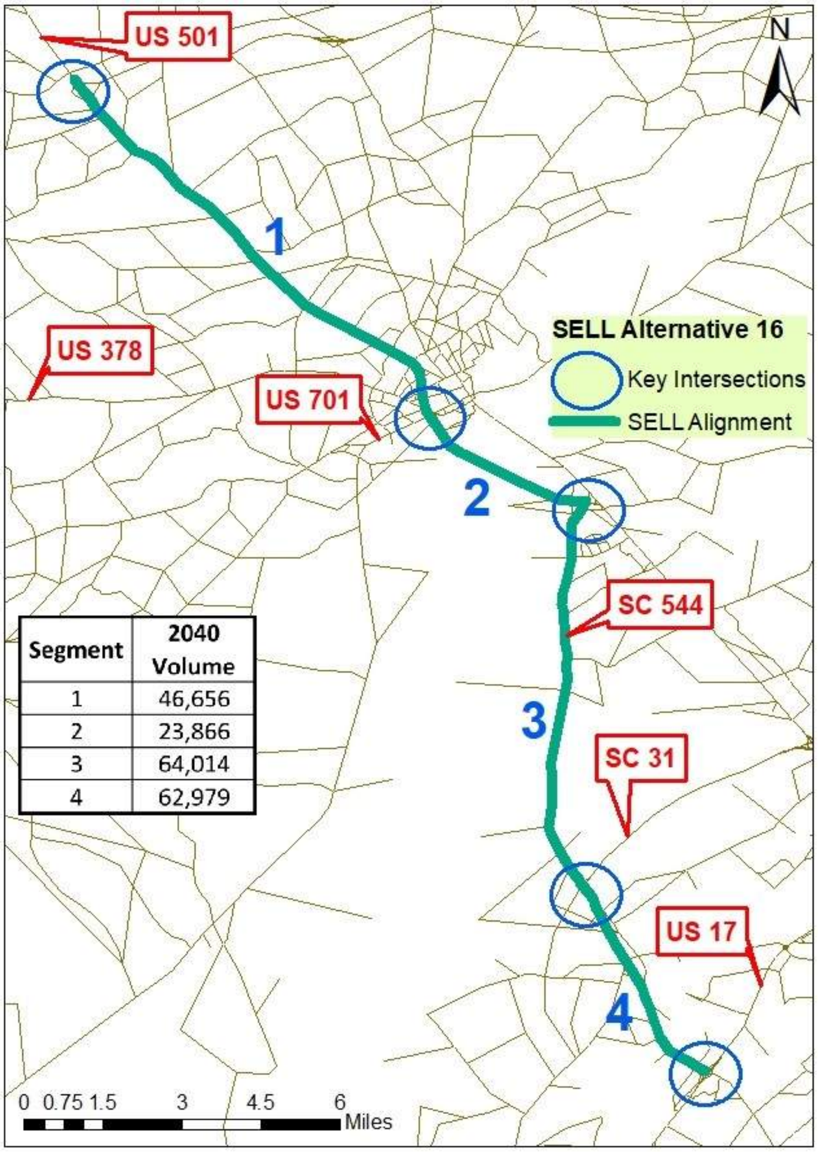


Figure 14 - Alternative 16

5 GSATS Traffic Assignment Results

The No-Build and eleven future year 2040 GSATS SELL Alternatives, made up of the original 16 roadway alternatives, were run in the GSATS model. A range of output files were generated by the model for each run, including daily and peak period traffic volumes and intersection flows. The selected SELL segment daily volumes shown in the tables in **Figure 3** through **Figure 14** were obtained from these traffic assignments. More detailed volume figures of the GSATS network links within the SELL study area are presented in the following pages.

Intersection flows at the proposed SELL interchange locations and for a few selected arterial intersections were produced. While the accuracy of the intersection flow generated by travel demand models is limited, they can be useful in developing the preliminary size and configuration of proposed interchanges, as well as provide insight into the number of turn lanes that might be needed at ramp termini and at intersection locations. Summaries of the intersection flows are contained in **Appendix A**.

A summary of the daily link volumes for the No-Build and SELL Alternatives were incorporated into a spreadsheet to allow for comparisons of the traffic assignments for selected links in each alternative. These daily link volumes are contained in **Appendix B**.

5.1.1 <u>No-Build E+C</u>

The 2040 daily volume assignments for No-Build Network are shown in **Figure 15**.

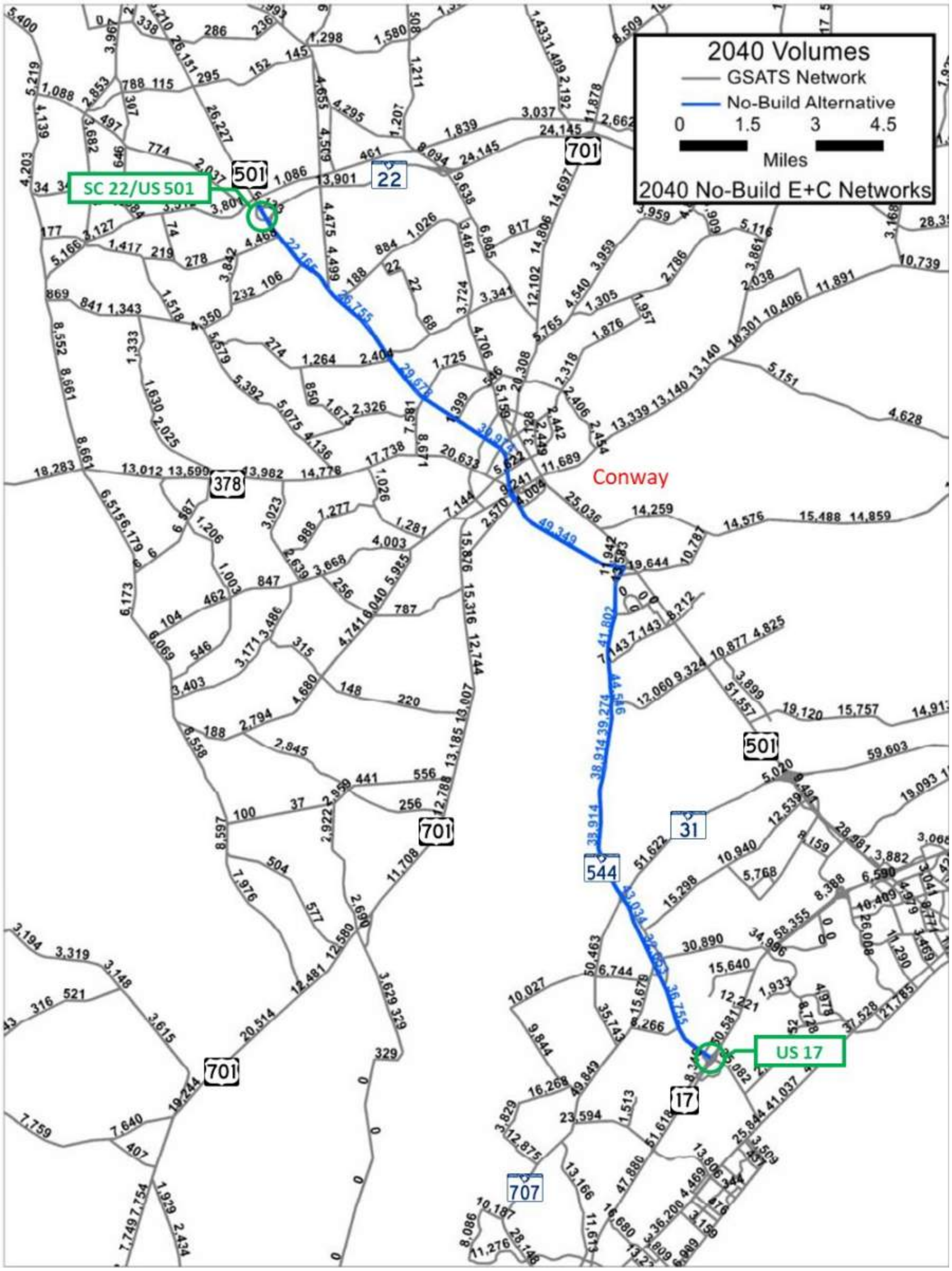


Figure 15 - 2040 No-Build Volumes

5.1.2 Alternative 1 (GSATS SELL Alternative 1)

The 2040 daily volume assignments for Alternative 1 are shown in **Figure 16**.

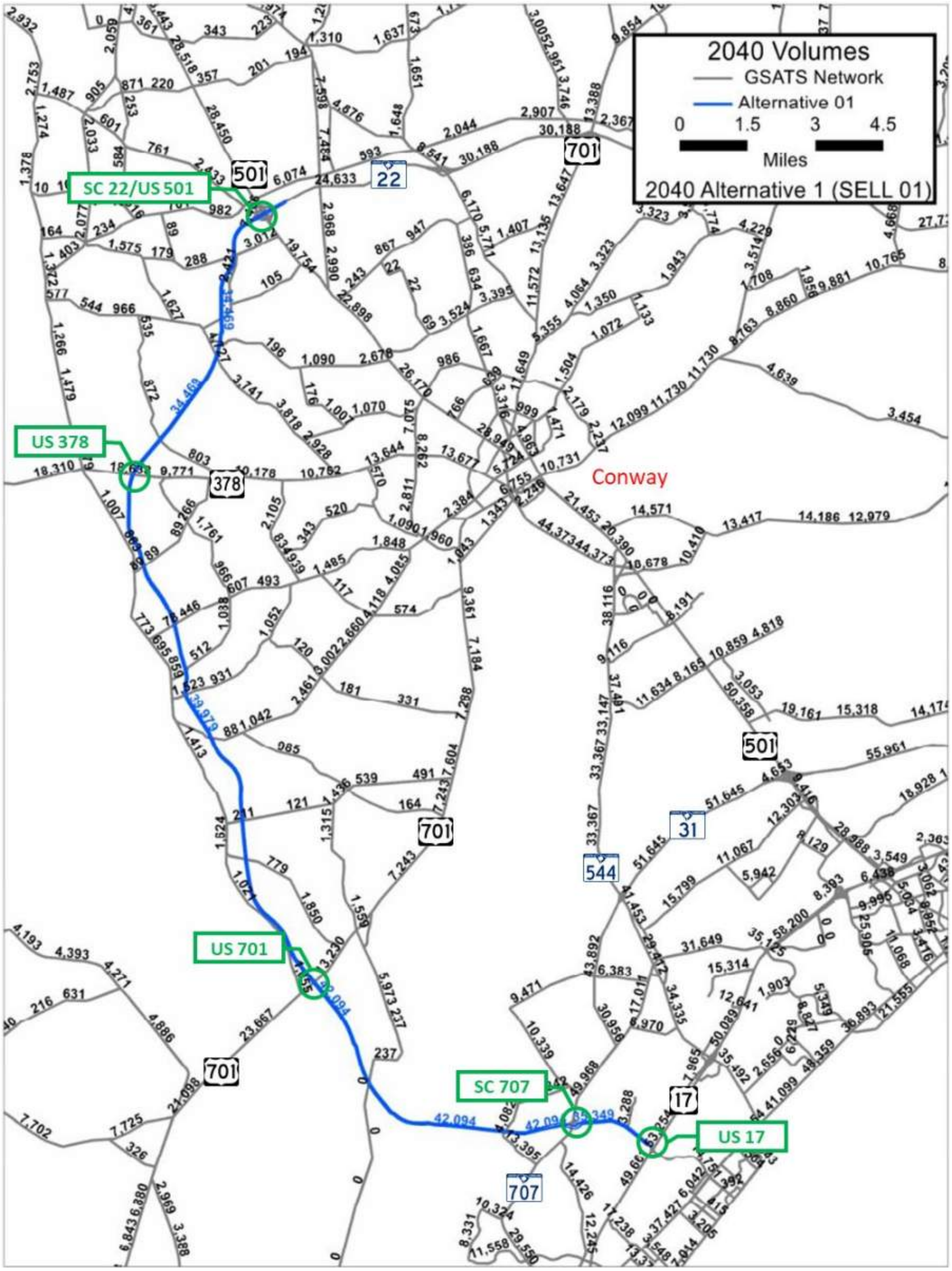


Figure 16 - 2040 Alternative 1 Volumes

5.1.3 Alternative 2 (GSATS SELL Alternative 2)

The 2040 daily volume assignments for Alternative 2 are shown in **Figure 17**.

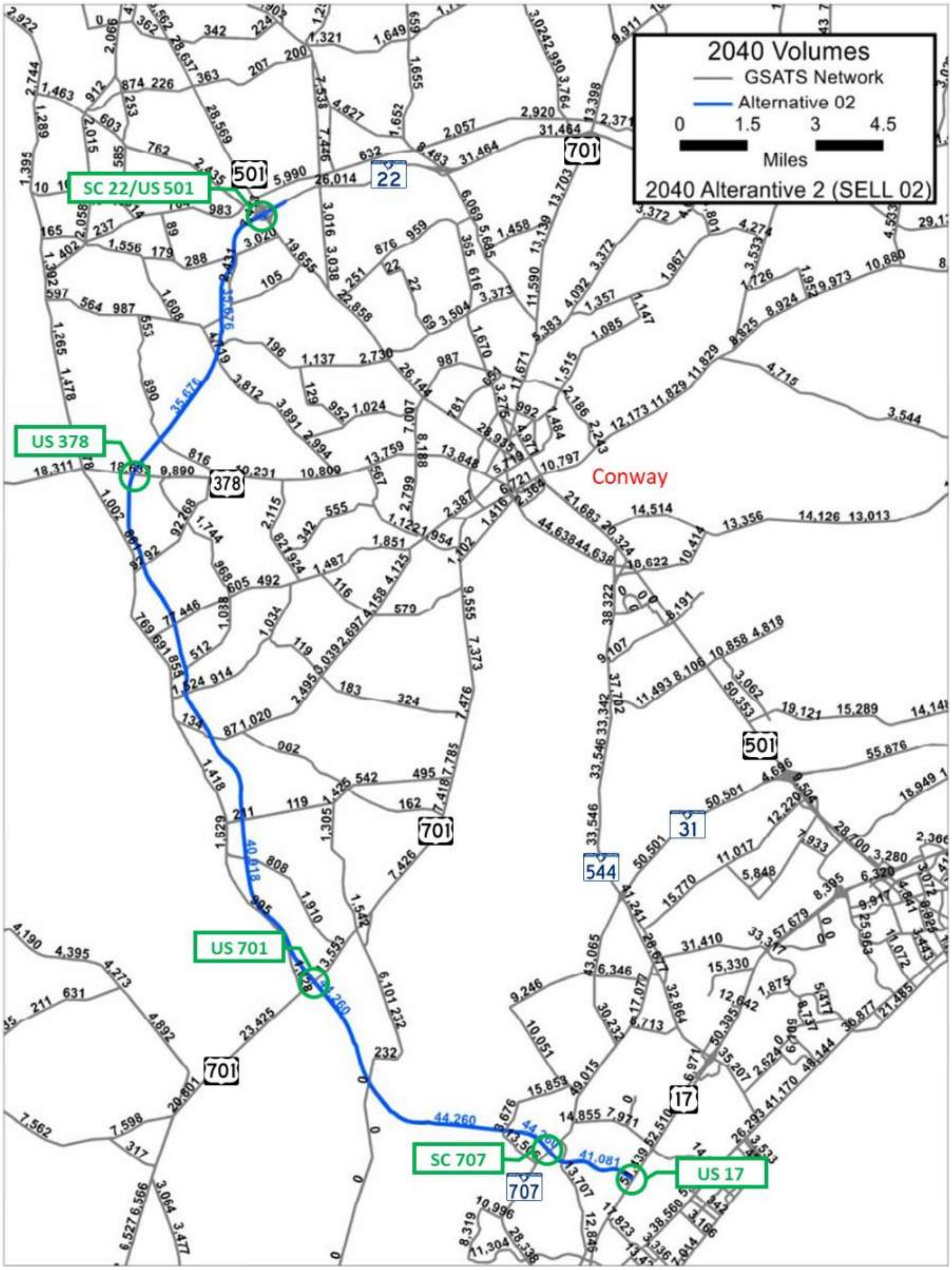


Figure 17 - 2040 Alternative 2 Volumes

5.1.4 Alternatives 3 and 5 (GSATS SELL Alternative 3)

The 2040 daily volume assignments for Alternative 3&5 are shown in **Figure 18**.

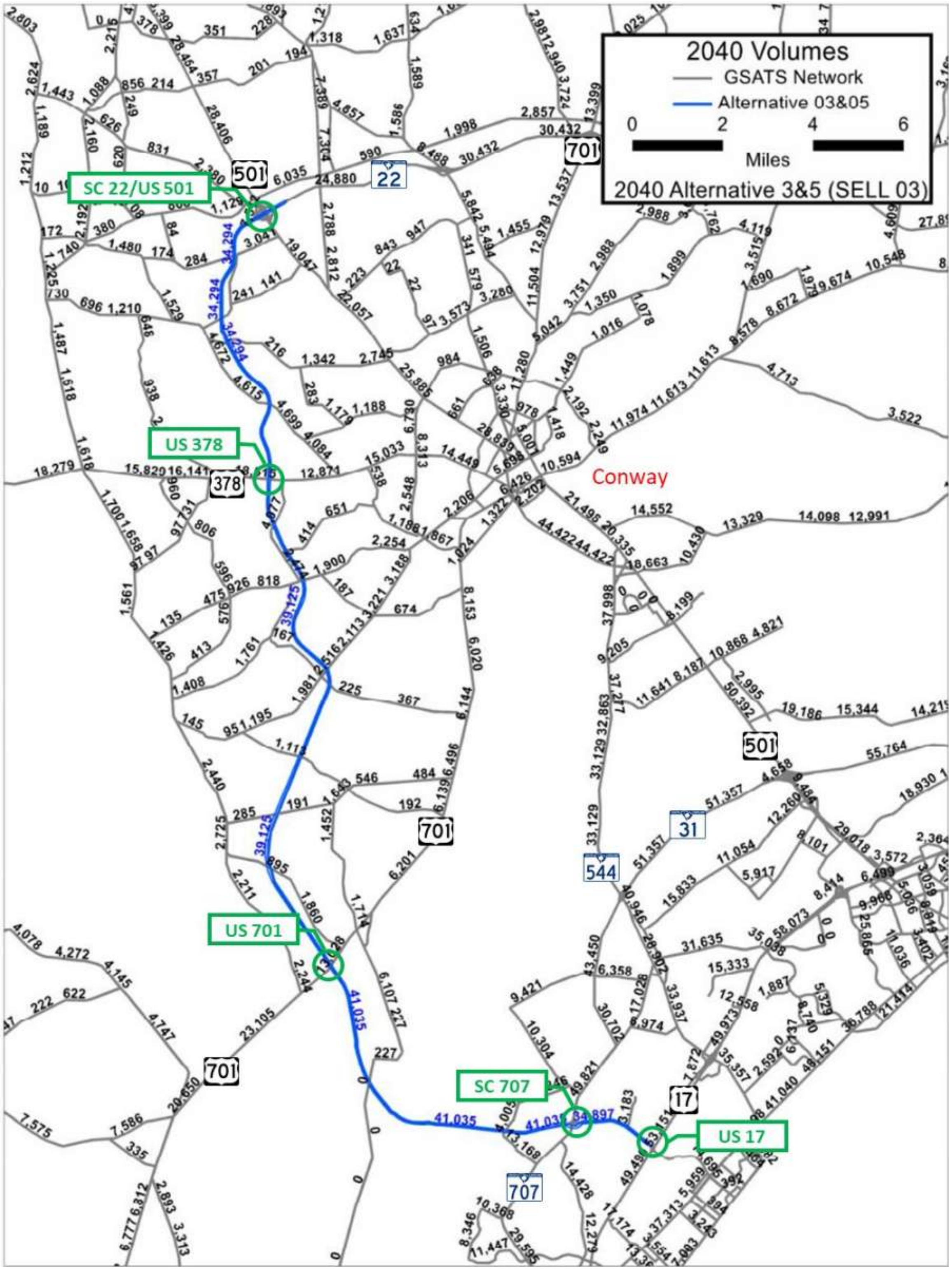


Figure 18 – 2040 Alternative 3&5 Volumes

5.1.5 Alternatives 4 and 6 (GSATS SELL Alternative 4)

The 2040 daily volume assignments for Alternative 4&6 are shown in **Figure 19**.

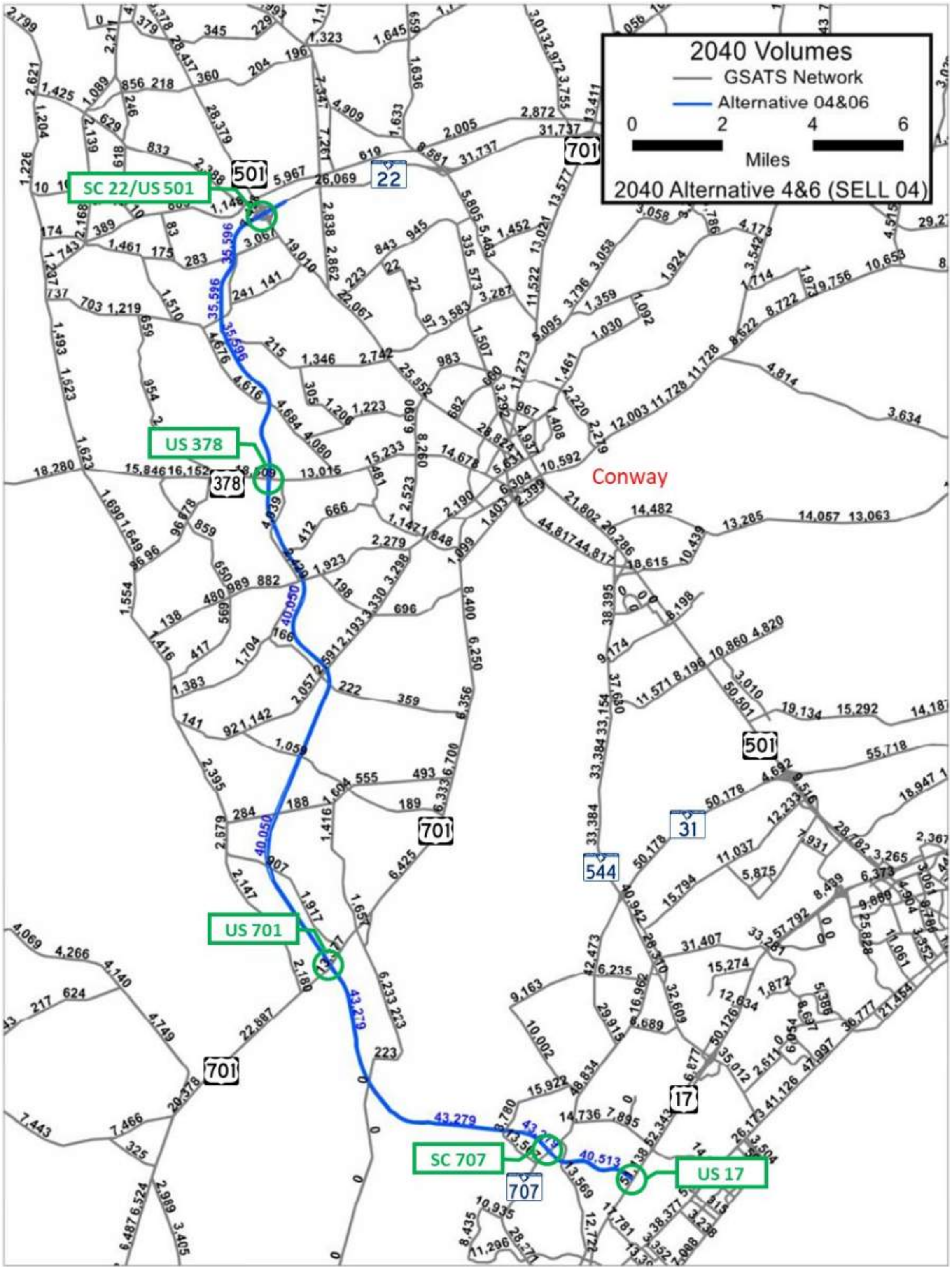


Figure 19 - 2040 Alternative 4&6 Volumes

5.1.6 Alternative 7 (GSATS SELL Alternative 5)

The 2040 daily volume assignments for Alternative 7 are shown in **Figure 20**.

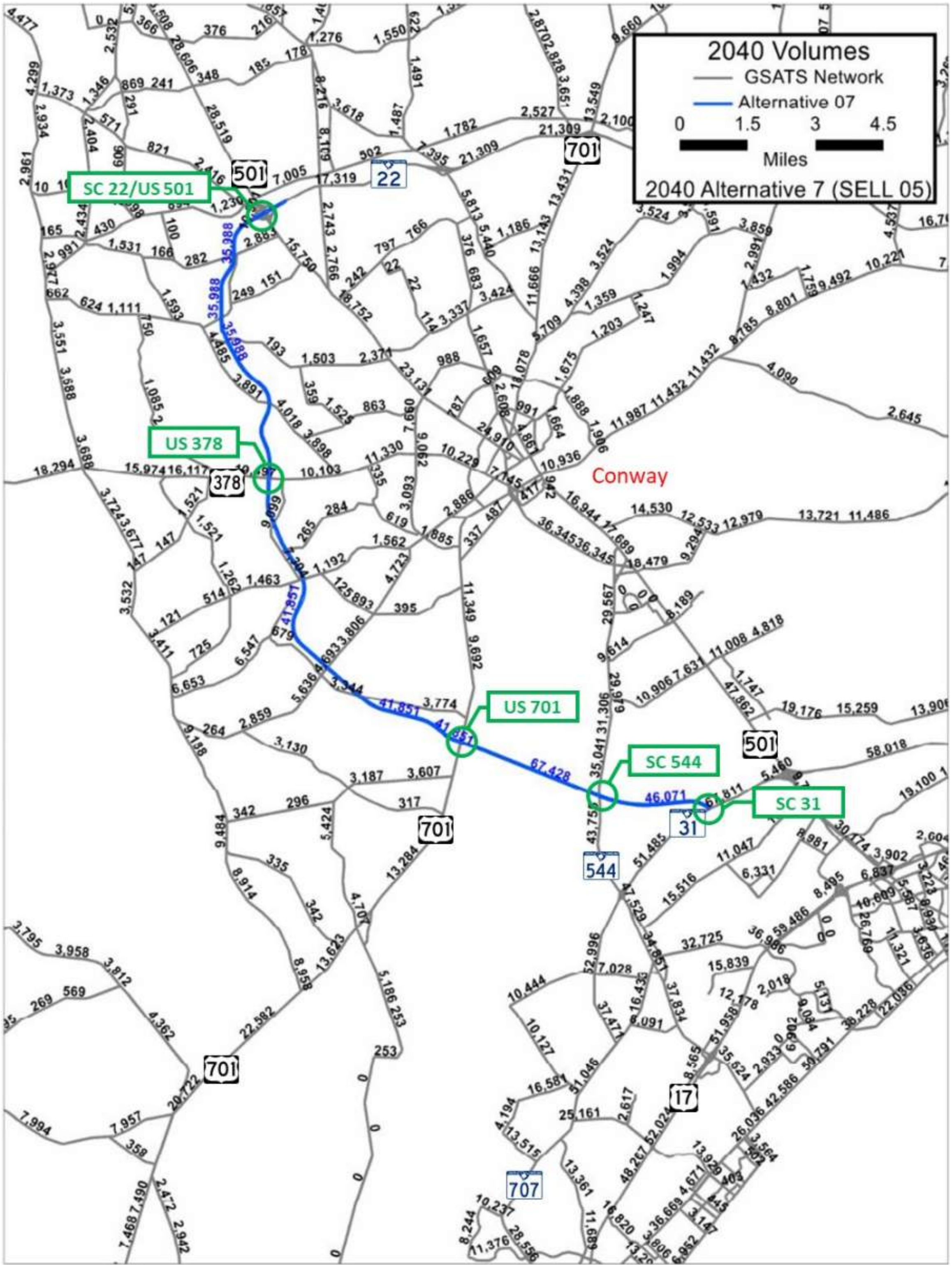


Figure 20 - 2040 Alternative 7 Volumes

5.1.7 Alternatives 8 and 9 (GSATS SELL Alternative 6)

The 2040 daily volume assignments for Alternative 8&9 are shown in **Figure 21**.

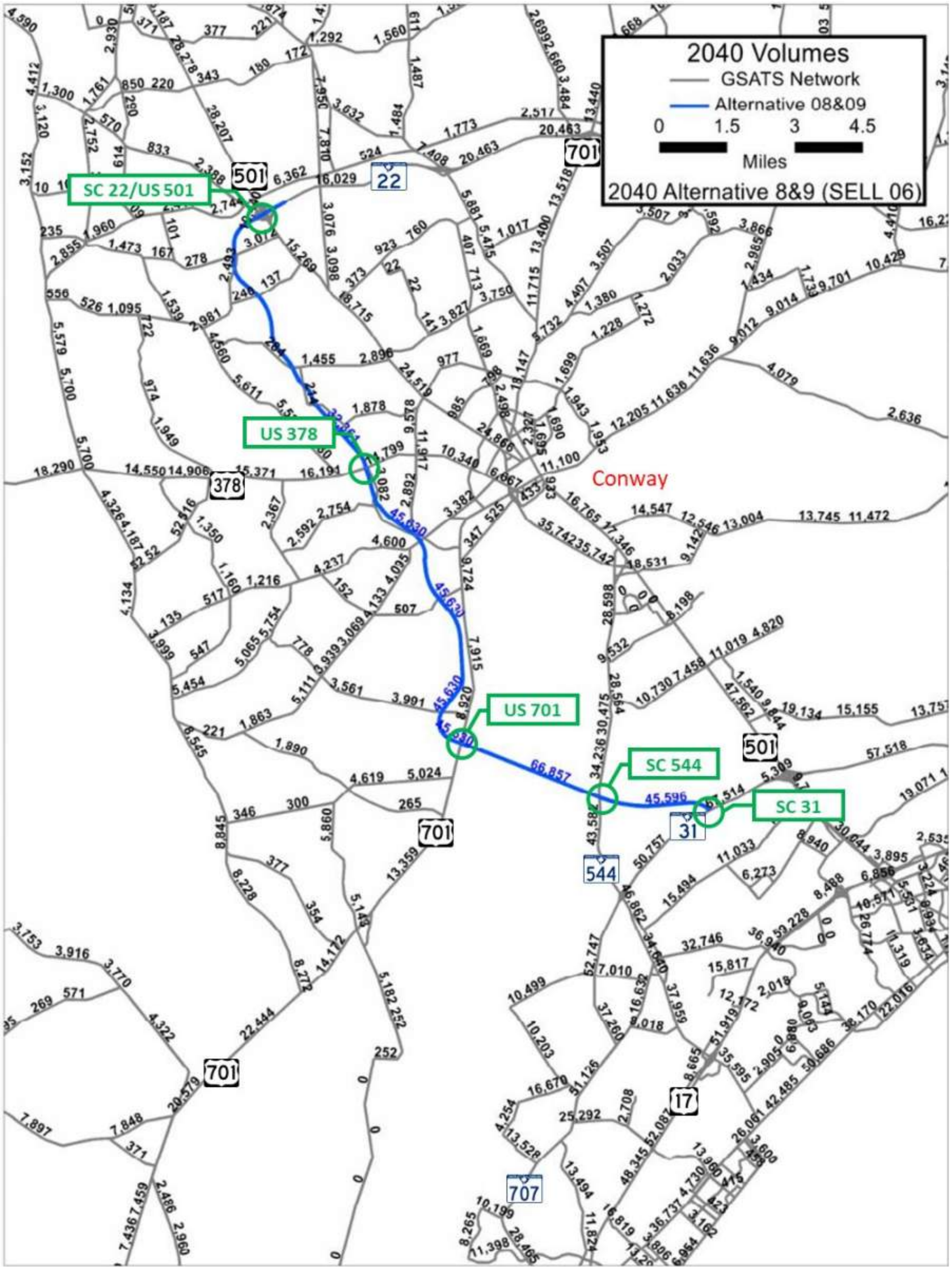


Figure 21 - 2040 Alternative 8&9 Volumes

5.1.8 Alternatives 10 and 11 (GSATS SELL Alternative 7)

The 2040 daily volume assignments for Alternative 10&11 are shown in **Figure 22**.

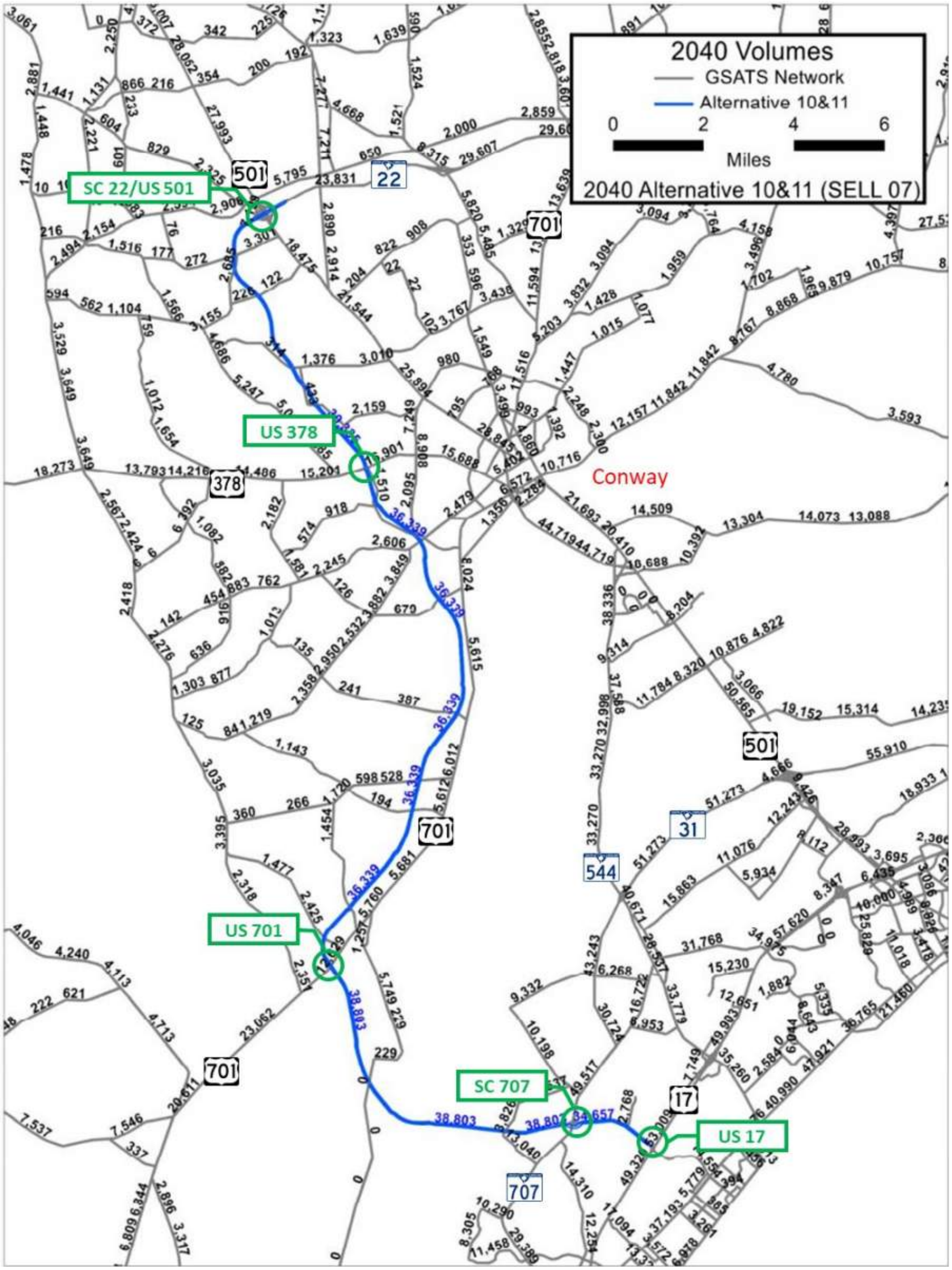


Figure 22 - 2040 Alternative 10&11 Volumes

5.1.9 Alternatives 12 and 13 (GSATS SELL Alternative 8)

The 2040 daily volume assignments for Alternative 12&13 are shown in **Figure 23**.

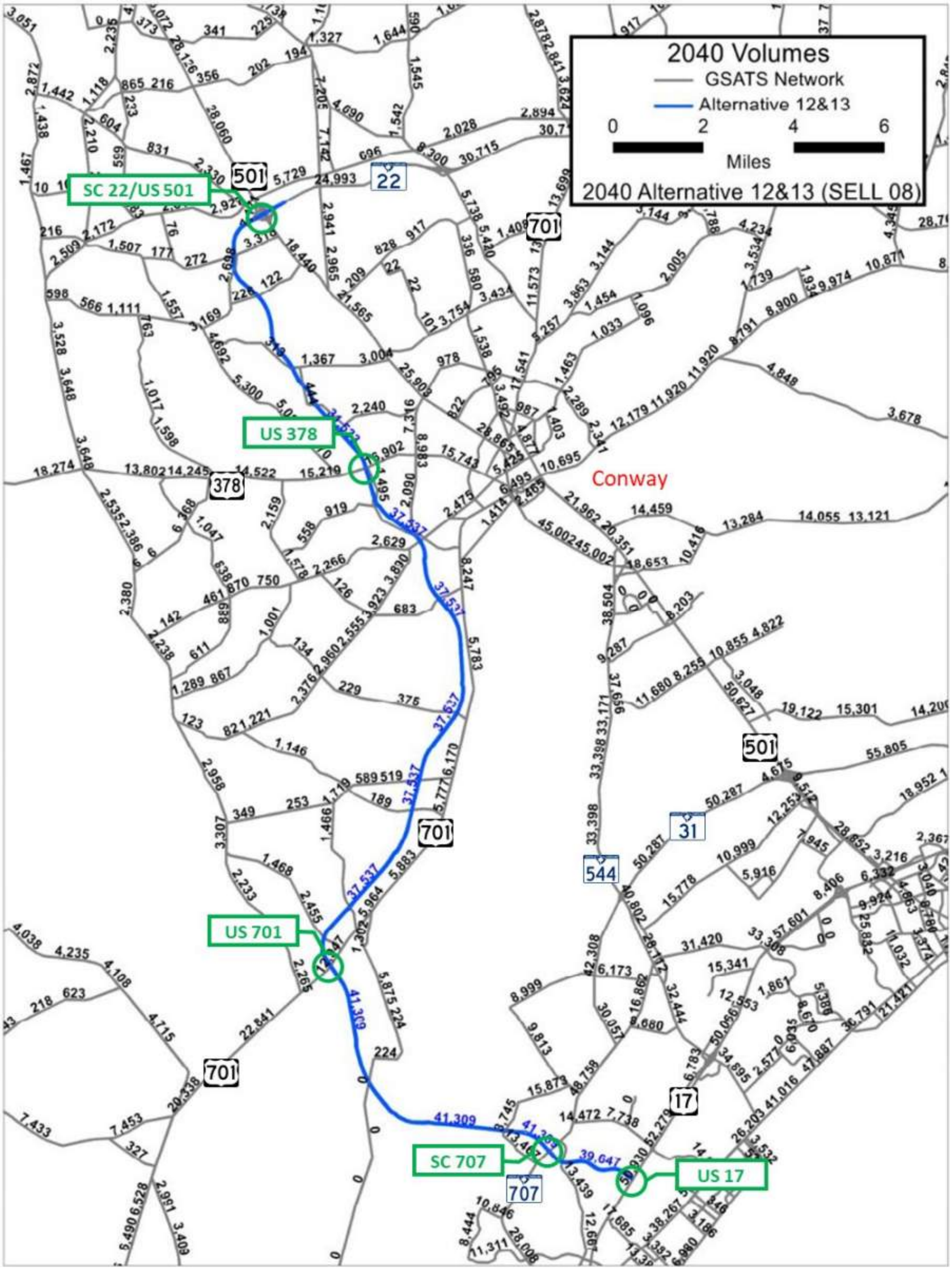


Figure 23 - 2040 Alternative 12&13 Volumes

5.1.10 Alternative 14 (GSATS SELL Alternative 9)

The 2040 daily volume assignments for Alternative 14 are shown in **Figure 24**.

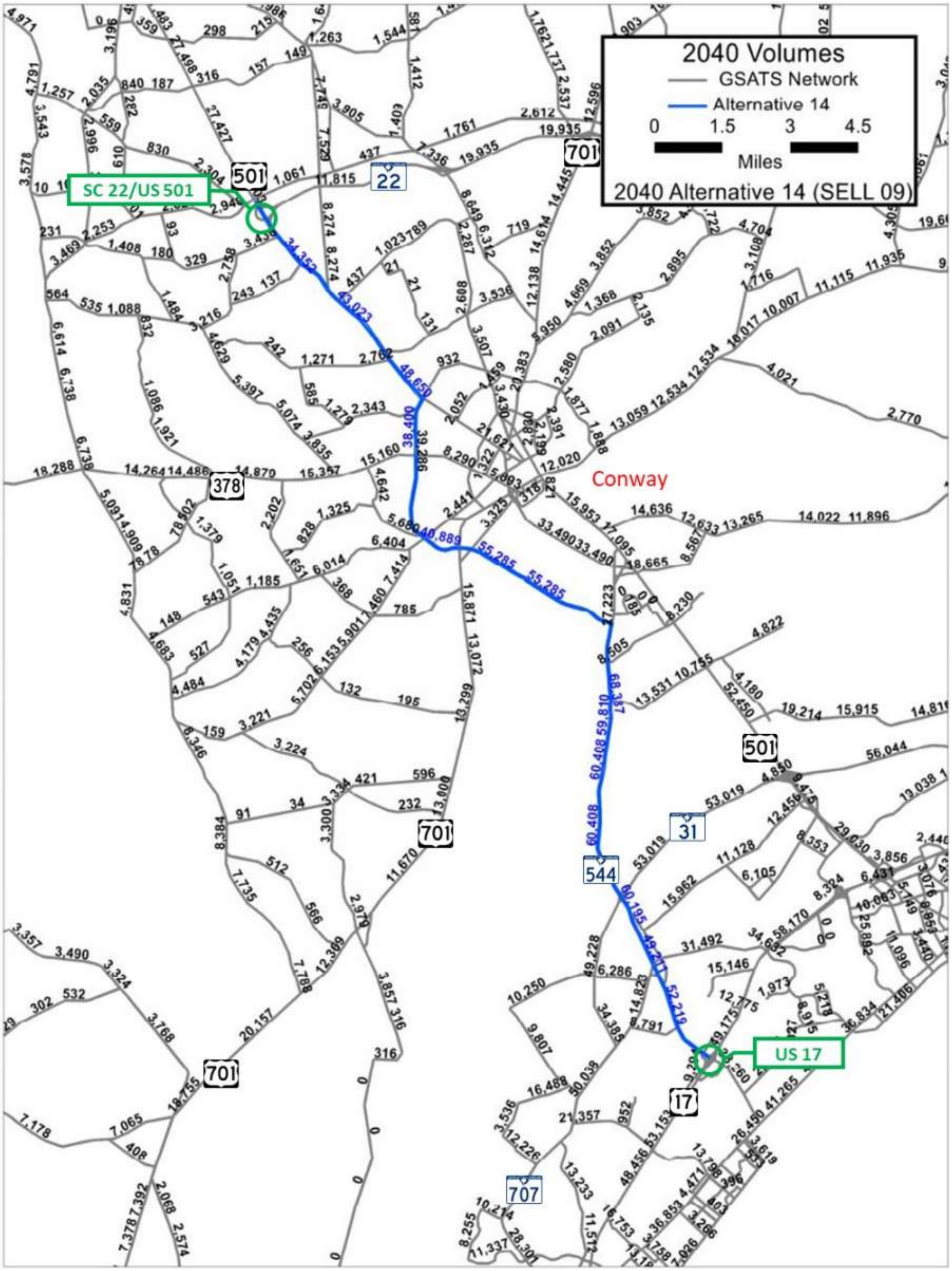


Figure 24 - 2040 Alternative 14 Volumes

5.1.11 Alternative 15 (GSATS SELL Alternative 10)

The 2040 daily volume assignments for Alternative 15 are shown in **Figure 25**.

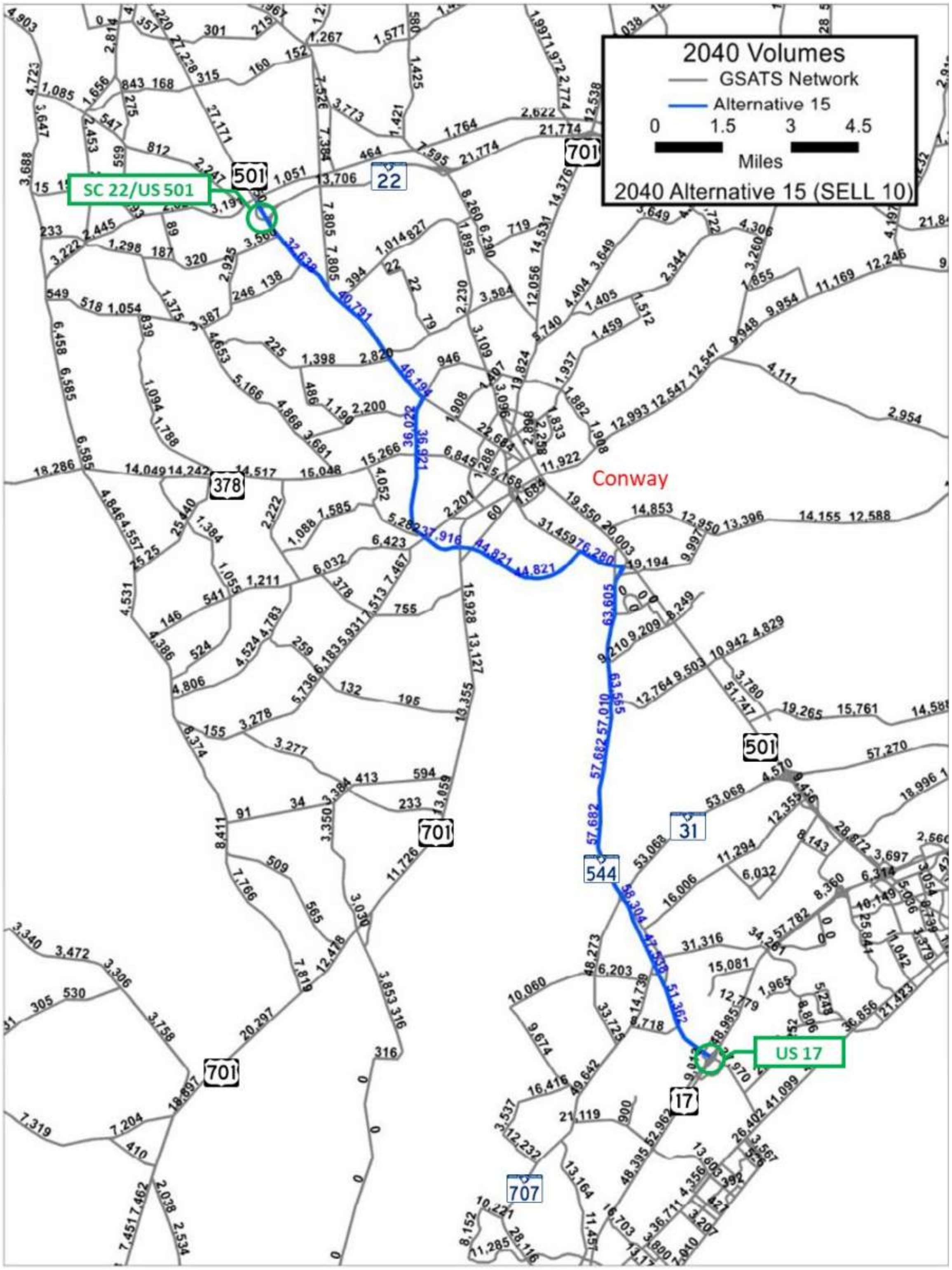


Figure 25 - 2040 Alternative 15 Volumes

5.1.12 Alternative 16 (GSATS SELL Alternative 11)

The 2040 daily volume assignments for Alternative 16 are shown in **Figure 26**.

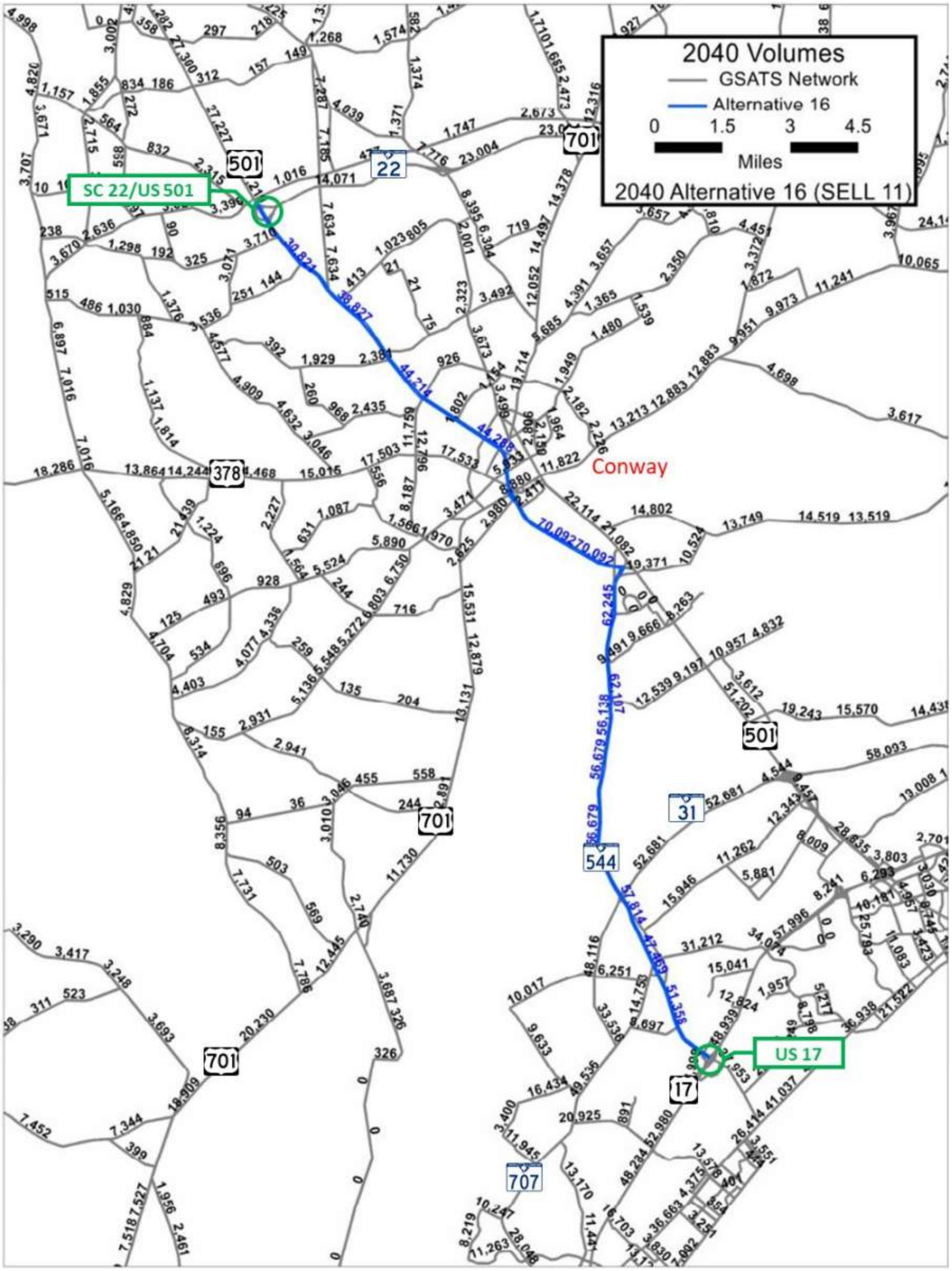


Figure 26 - 2040 Alternative 16 Volumes

6 Measures of Effectiveness of the Developed Alternatives

Measures of effectiveness (MOE) were obtained from the GSATS model runs for the 2040 E+C Network (No-Build) condition and for the SELL alternatives. These measures of effectiveness include:

- Vehicle-Miles Traveled (VMT) – VMT is calculated by multiplying the length of a roadway link, in miles, by the volume on a roadway link during a specific time period.
- Vehicle-Hours Traveled (VHT) – VHT is calculated by multiplying the estimated time, in hours, to travel through a roadway link by the vehicles on the roadway link during a specific time period.
- Free Flow Travel Time – The Free Flow Travel Time for each link is calculated by the model for each link based on the link length and the coded posted speed limit for that link converted from miles per hour to miles per minute. The resulting free flow travel time for each link is reported in minutes. The free flow travel time on each link is directional; however, since the coded posted speed limit and the link length are identical for each direction on the link, the directional free flow travel times will be identical.
- Estimated Travel Time – The GSATS model estimates congested speeds for each network link during the iterative traffic assignment. The congested speeds from the final assignment iteration are converted and reported for each link as estimated travel times (in minutes) for each period (AM peak, PM peak, Off-peak, and Daily). The estimated travel time on each link is directional. During the different peak periods, the estimated travel time in one direction on a link may be higher or lower than the estimated travel time in the opposite direction on the same link based on the time of day distribution of traffic.
- Average Speed – Average speed, in miles per hour, is estimated by dividing the Estimated Congested Travel Time for a collection of links by the total length of the links within the GSATS model. Due to the way the network links are created in TransCAD, the length of the links within the GSATS model will likely vary from actual link lengths in the field or as developed in MicroStation.
- Volume-Capacity ratio (V/C) – The V/C is calculated by the model for each link based on the traffic assignment volume divided by the theoretical link capacity. The link capacity in the GSATS model is based on the coded functional classification and the number of lanes on each link. The lower the value of the V/C, the less congested a link is likely to be. In general, a V/C less than 1.0 would be considered operating 'under-capacity'. A V/C equal to 1.0 indicates that the traffic assignment volume is equal to the link capacity; this link would be considered operating 'at capacity'. A V/C greater than 1.0 indicates the link is predicted to carry more traffic than the capacity of the link; this link would be considered 'over-capacity'.
- Level of Service (LOS) – LOS is used to represent the amount of congestion occurring on a network link. In the GSATS model, LOS is based on the V/C ratio. Six letters are used to summarize a range of V/C ratios, with LOS A indicating the lowest range of V/C ratios and the least congested links, with LOS F indicating the highest range of V/C ratios and the most congested links.

These MOE are generated by the GSATS model for each link in the network, except for the Average Speed, which is calculated from the link length and the Estimated Congested travel time. MOE are generated by the GSATS model for the AM peak period (6-9 AM), PM peak period (3-6 PM) and off-peak periods (all other others) and are aggregated into Daily MOE, which are either the sum (such as for VMT and VHT) or the average (such as for travel time) of the peak period MOE.

In addition to these MOE, a set of travel time maps depicting the congested peak hour travel time for each SELL alternative in five-minute increments were prepared. Turning movements predicted by the model at interchanges and selected intersections were also developed from the model outputs.

The MOE described in this section generally are limited to the eight new alignment SELL alternatives and the existing arterial routes that make up portions of the three alternatives that incorporate the existing arterial roadways of SC 544 between US 17 and US 501, El Bethel Road/Conway Perimeter Road, and/or US 501 between SC 544 and the SC 22 Interchange. MOE were selected for other network links, such as those with interchanges to the new SELL alignments or the arterial roadways used in the SELL alignments.

MOE outside of these network links throughout the rest of the GSATS model area were not included. Their exclusion was to avoid numerically overwhelming the MOE for the specific alternatives and arterial roadway links.

Most of the MOE (VMT, VHT, Travel Time, Travel Speed) can be combined to generate an aggregated MOE for a series of links making up the SELL alternative. LOS and V/C cannot be aggregated and are summarized in figures depicting the V/C adjacent to links color-coded to represent the corresponding LOS.

6.1 MOE Summary

Table 2 and **Table 3** include summaries of the 2040 Daily MOE for the various SELL alternatives as well as the arterial roadway sections along SC 544, US 501, and El Bethel Road/Conway Perimeter Road. Select roadway segments were identified for comparison purposes across the alternatives. The following Daily MOE are shown in the tables:

- Minimum Link Volume: the minimum link volume occurring on the roadway segments for only the 11 SELL Alternatives and the No-Build alternative (using the same links as Alternative 16/SELL 11).
- Maximum Link Volume: the maximum link volume occurring on the roadway segments for only the 11 SELL Alternatives and the No-Build alternative (using the same links as Alternative 16/SELL 11)
- Average Link Volume: the numeric average of the link volumes occurring on the roadway segments for only the 11 SELL Alternatives and the No-Build Alternative (using the same links as Alternative 16/SELL 11).
- VMT: the sum of the VMT for each link with the roadway sections.
- VHT: the sum of the VHT for each link within the roadway sections.
- Freeflow Time: the sum of the freeflow travel time for each link within the roadway sections.
- TIME: the sum of the estimated travel time for each link within the roadway section. In **Table 2** and **Table 3**, the Average Daily Travel Time is shown.
- Total Distance: the sum of the coded link distances within the roadway section.
- Average Speed: the calculated average speed across the roadway section derived from the TIME and Total Distance.

The first block of rows in Table 2 summarize the MOE for the SELL Alternative links, labeled ‘SELL’ in the column headed with ‘Segments’. The 2040 No-Build results use the same links as in Alternative 16/SELL 11 but without widening coded for that alternative.

In all subsequent blocks of rows in Tables 2 and 3, the MOE are summarized for those groups of segments in the No-Build and the SELL alternatives. This permits a comparison of how the MOE for the various groups of segments change compared to the no-build alternative as a result of the implementation of the individual SELL alternatives. These segments generally are not part of the individual SELL alternatives, except in the areas highlighted yellow. Where yellow highlights occur, the group of segments are widened as part of that specific SELL alternative.

Table 2 – 2040 SELL and SC 544 Aggregated MOE

Segments	Daily	2040 NB	1 SELL_01	2 SELL_02	3 & 5 SELL_03	4 & 6 SELL_04	7 SELL_05	8 & 9 SELL_06	10 & 11 SELL_07	12 & 13 SELL_08	14 SELL_09	15 SELL_10	16 SELL_11
SELL	Minimum Volume (vehicles)	**19,175**	18,088	35,676	13,929	35,596	35,988	32,361	16,769	31,533	33,795	24,910	23,866
	Maximum Volume (vehicles)	**49,349**	42,094	44,260	41,035	43,279	67,428	66,857	38,803	41,309	68,439	76,280	70,092
	Average Volume (vehicles)	**35,723**	34,194	40,226	32,707	39,729	43,207	45,036	33,225	37,655	52,431	50,344	51,240
	VMT (vehicle-miles)	**827,537**	1,091,422	1,132,396	1,018,473	1,101,479	905,847	876,391	912,810	956,476	1,192,172	1,219,624	1,180,122
	VHT (vehicle-hours)	**54,860**	18,546	18,436	17,310	17,874	17,184	16,638	15,440	15,385	39,324	46,192	53,584
	Freeflow Time (minutes)	**26.57**	26.70	25.77	25.64	25.48	18.72	18.09	24.64	23.71	23.29	25.06	22.99
	TIME (minutes)	**125.71**	32.72	30.14	31.30	29.63	24.49	23.91	29.32	26.89	64.42	75.08	85.54
	Total Distance (miles)	**26.49**	28.14	27.91	26.89	27.59	20.26	19.59	27.18	26.95	19.72	22.26	22.98
	Average Speed (mph)	**12.64**	51.60	55.55	51.55	55.87	49.65	49.15	55.62	60.12	18.37	17.79	16.12
SC 544 from US 17 to SELL Segment W	Total Volume (vehicles)	869,740	834,643	818,892	826,524	813,062	956,542	952,812	823,303	810,814	**1,298,902**	**1,260,395**	**1,251,513**
	VMT (vehicle-miles)	260,615	231,445	227,358	229,058	225,639	268,553	267,691	228,243	224,972	**369,214**	**357,624**	**354,920**
	VHT (vehicle-hours)	13,129	9,357	8,679	9,098	8,481	14,786	14,701	8,981	8,392	**13,285**	**11,810**	**11,486**
	Freeflow Time (minutes)	7.93	7.73	7.73	7.73	7.73	7.73	7.73	7.73	7.73	**6.47**	**6.47**	**6.47**
	TIME (minutes)	33.86	23.38	22.47	23.12	22.19	33.59	33.58	22.98	22.00	**22.31**	**20.00**	**19.52**
	Total Distance (miles)	7.70	6.45	6.45	6.45	6.45	6.45	6.45	6.45	6.45	**6.45**	**6.45**	**6.45**
	Average Speed (mph)	13.64	16.54	17.21	16.73	17.43	11.51	11.52	16.83	17.58	**17.34**	**19.34**	**19.81**
SC 544 from SELL Segment W to SELL Segment O	Total Volume (vehicles)	331,444	316,470	317,979	314,334	317,186	273,180	263,302	316,407	317,495	**580,322**	**539,778**	**529,571**
	VMT (vehicle-miles)	156,707	132,451	133,119	131,498	132,650	121,048	117,311	132,264	132,780	**243,267**	**227,321**	**223,200**
	VHT (vehicle-hours)	8,128	4,593	4,672	4,499	4,621	3,728	3,549	4,542	4,603	**12,597**	**9,161**	**8,509**
	Freeflow Time (minutes)	4.68	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	**3.87**	**3.87**	**3.87**
	TIME (minutes)	20.08	12.54	12.85	12.36	12.61	10.73	10.54	12.27	12.46	**20.85**	**15.60**	**14.76**
	Total Distance (miles)	4.64	3.87	3.87	3.87	3.87	3.87	3.87	3.87	3.87	**3.87**	**3.87**	**3.87**
	Average Speed (mph)	13.86	18.51	18.06	18.78	18.41	21.63	22.02	18.92	18.63	**11.13**	**14.88**	**15.73**
SC 544 from SELL Segment O to US 501	Total Volume (vehicles)	183,609	192,197	193,220	191,510	193,090	150,009	146,253	192,832	193,822	155,702	**330,018**	**323,614**
	VMT (vehicle-miles)	40,302	41,303	41,539	41,172	41,542	32,022	30,996	41,499	41,702	31,184	**71,096**	**69,691**
	VHT (vehicle-hours)	3,364	2,114	2,158	2,083	2,153	1,092	1,037	2,117	2,166	1,083	**4,260**	**3,875**
	Freeflow Time (minutes)	1.25	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	**1.28**	**1.28**
	TIME (minutes)	9.70	6.41	6.60	6.31	6.49	3.76	3.59	6.25	6.50	3.26	**8.15**	**7.52**
	Total Distance (miles)	1.45	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	**1.27**	**1.27**
	Average Speed (mph)	8.99	11.93	11.59	12.12	11.79	20.35	21.31	12.24	11.77	23.47	**9.39**	**10.17**

Highlighted areas indicate the roadway segments that would be widened in the alternative.

Table 3 – 2040 US 501 and Conway Perimeter Road Aggregated MOE

Segments	Daily	2040 NB	**1**	**2**	**3 & 5**	**4 & 6**	**7**	**8 & 9**	**10 & 11**	**12 & 13**	**14**	**15**	**16**
			SELL_01	SELL_02	SELL_03	SELL_04	SELL_05	SELL_06	SELL_07	SELL_08	SELL_09	SELL_10	SELL_11
US 501 from SC 544 to SELL Segment M	Total Volume (vehicles)	138,000	124,035	124,495	123,958	124,761	105,293	103,707	124,739	125,354	98,525	**208,047**	**193,164**
	VMT (vehicle-miles)	56,539	45,259	45,466	45,258	45,596	37,877	37,286	45,548	45,799	35,212	**76,840**	**71,018**
	VHT (vehicle-hours)	8,334	3,916	4,046	3,919	4,116	1,652	1,563	4,037	4,197	1,255	**11,533**	**6,659**
	Freeflow Time (minutes)	1.66	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	**1.26**	**1.26**
	TIME (minutes)	16.78	8.85	9.21	8.78	9.25	4.46	4.32	8.83	9.26	3.51	**15.87**	**9.42**
	Total Distance (miles)	1.64	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	**1.27**	**1.27**
	Average Speed (mph)	5.87	8.59	8.26	8.66	8.22	17.05	17.61	8.61	8.21	21.67	**4.79**	**8.07**
US 501 from SELL Segment M to US 378	Total Volume (vehicles)	204,331	230,775	232,036	231,100	232,828	191,416	188,287	232,419	233,860	178,770	171,062	**373,778**
	VMT (vehicle-miles)	95,715	91,952	92,513	92,088	92,859	75,577	74,372	92,641	93,262	69,796	66,104	**146,824**
	VHT (vehicle-hours)	16,064	9,262	9,607	9,290	9,798	3,550	3,340	9,585	9,999	2,609	2,087	**16,339**
	Freeflow Time (minutes)	2.52	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	**2.17**
	TIME (minutes)	31.25	20.28	21.01	20.14	21.09	9.15	8.82	20.21	21.20	6.79	5.23	**22.82**
	Total Distance (miles)	2.12	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	**2.18**
	Average Speed (mph)	4.07	6.44	6.22	6.48	6.19	14.27	14.81	6.46	6.16	19.23	24.97	**5.72**
US 501 from US 378 to El Bethel Rd	Total Volume (vehicles)	305,018	287,276	287,383	285,823	285,720	259,079	258,450	286,308	286,618	248,623	246,589	**444,799**
	VMT (vehicle-miles)	89,301	82,703	82,744	82,391	82,383	73,650	73,964	82,741	82,827	69,110	68,532	**127,761**
	VHT (vehicle-hours)	2,636	2,314	2,316	2,293	2,290	1,931	1,925	2,299	2,304	1,809	1,779	**3,205**
	Freeflow Time (minutes)	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	**2.93**
	TIME (minutes)	6.07	5.73	5.76	5.74	5.74	5.42	5.36	5.77	5.79	5.46	5.20	**5.43**
	Total Distance (miles)	3.00	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	**2.92**
	Average Speed (mph)	29.64	30.62	30.46	30.56	30.56	32.37	32.73	30.41	30.30	32.13	33.74	**32.31**
US 501 from El Bethel Rd to SC 22	Total Volume (vehicles)	254,108	219,939	219,268	214,108	213,848	183,990	184,859	210,403	210,355	**405,907**	**385,518**	**367,862**
	VMT (vehicle-miles)	128,357	111,353	111,050	108,498	108,348	93,189	93,834	106,577	106,567	**205,923**	**195,438**	**186,709**
	VHT (vehicle-hours)	3,205	2,406	2,395	2,308	2,302	1,839	1,887	2,247	2,248	**4,144**	**3,773**	**3,511**
	Freeflow Time (minutes)	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	**5.01**	**5.01**	**5.01**
	TIME (minutes)	7.97	6.90	6.87	6.77	6.79	6.32	6.35	6.65	6.67	**6.59**	**6.20**	**6.07**
	Total Distance (miles)	5.94	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	**5.03**	**5.03**	**5.03**
	Average Speed (mph)	44.72	43.70	43.89	44.54	44.41	47.71	47.49	45.34	45.21	**45.76**	**48.64**	**49.68**
Conway Perimeter Road (El Bethel Road) from New Rd to US 501	Total Volume (vehicles)	25,500	37,405	37,150	36,169	35,942	39,309	45,783	36,979	37,122	**330,688**	**307,947**	68,417
	VMT (vehicle-miles)	10,436	18,467	18,350	17,604	17,490	19,538	21,512	17,424	17,484	**177,055**	**166,073**	35,099
	VHT (vehicle-hours)	263	438	435	418	415	463	517	415	416	**3,468**	**3,139**	844
	Freeflow Time (minutes)	1.73	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	**4.38**	**4.38**	5.51
	TIME (minutes)	2.16	5.95	5.95	5.95	5.95	5.97	6.02	5.96	5.96	**5.78**	**5.48**	6.21
	Total Distance (miles)	1.30	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	**4.38**	**4.38**	4.38
	Average Speed (mph)	36.11	44.14	44.14	44.14	44.14	44.00	43.63	44.07	44.07	**45.44**	**47.93**	42.30

Highlighted areas indicate the roadway segments that would be widened in the alternative.

In **Table 2**, the values shown in **bold blue text** for the SELL alternative in the 'SELL_NB' column represent the 2040 No-Build MOE for the existing arterial segments (shown in **Figure 15**) that, when widened, make up SELL Alternative 16 (shown in **Figure 26**). These values were included to provide a basis for comparison of the No-Build condition to the SELL Alternatives (14-16) that make use of existing arterial roadways for most or all the three SELL alternatives. These values should not be compared to the MOE for SELL Alternatives 1-13. The existing segments which are widened in SELL Alternatives 14-16 are highlighted in **Table 2** and **Table 3**.

Several SELL segments are used to denote a terminus of an existing arterial roadway section. The general location of these SELL segments in relation to the existing roadway network is as follows:

- SELL Segment O (at SC 544) – between Buccaneers Cove and Hillcrest Cemetery
- SELL Segment M (at US 501) – approximately at the location of Academy Drive.
- SELL Segment K (extension of Conway Perimeter Road/Segment H) – between US 701 and Segments O an M.

The location of segments O, M, and K and their proximity to SC 544 and US 501 are shown in **Figure 27**.

The two SC 544 segments between US 17 and the location of SELL Segment W, and between the location of SELL Segment W and SELL Segment O are widened in Alternatives 14-16 (SELL 9-11). The SC 544 segment from the location of SELL Segment O to US 501, and the US 501 segment from SC 544 to the location of SELL Segment M are widened in Alternatives 15 and 16 (SELL 10 and 11), but not in Alternative 14 (SELL 9). Only Alternative 16 (SELL 11) uses US 501 between SELL Segment M, past US 378 to El Bethel Road; in this area, Alternatives 14 and 15 (SELL 9 and 10) run on new alignment and make use of the Conway Perimeter Road/El Bethel Road instead of US 501. All three alternatives make use of US 501 from El Bethel Road to the SC 22 interchange.

6.1.1 Average Daily Volume

Of the new alignment SELL alternatives shown in **Table 2**, the average volume on the new alignment SELL alternatives are estimated to range from approximately 32,700 vehicles per day for Alternatives 3&5 (GSATS model Alternative 3) to approximately 45,100 vehicles per day for Alternatives 8&9 (GSATS model Alternative 6).

The three alignments (Alternatives 14-16) making use of most or all of SC 544, Conway Perimeter Road, and US 501 are projected to carry an average volume of between approximately 50,300 and 52,500 vehicles per day.

As mentioned previously, the tables summarizing the total flow along the individual selected SELL study area links are contained in **Appendix B**.

6.1.2 Vehicle-Miles Traveled

As shown in **Table 2**, Alternatives 1-6 have the highest VMT of the new alignment SELL alternatives. The VMT for these alternatives range from about 1.02 million VMT (Alternatives 3&5) to about 1.13 million VMT for Alternative 2. Alternative 8&9 and Alternative 7 have the lowest VMT of the new alignment alternatives (about 877,000 and 906,000 VMT) respectively). These alternatives are the two new alignment alternatives that begin on SC 31 between US 501 and SC 544 and have the shortest total length (about 19.6 and 20.3 miles respectively). The segment between SC 544 and US 701 in these alternatives also carry the highest total daily volume of any of the new alignment segments (66,900 vpd and 67,500 vpd respectively).

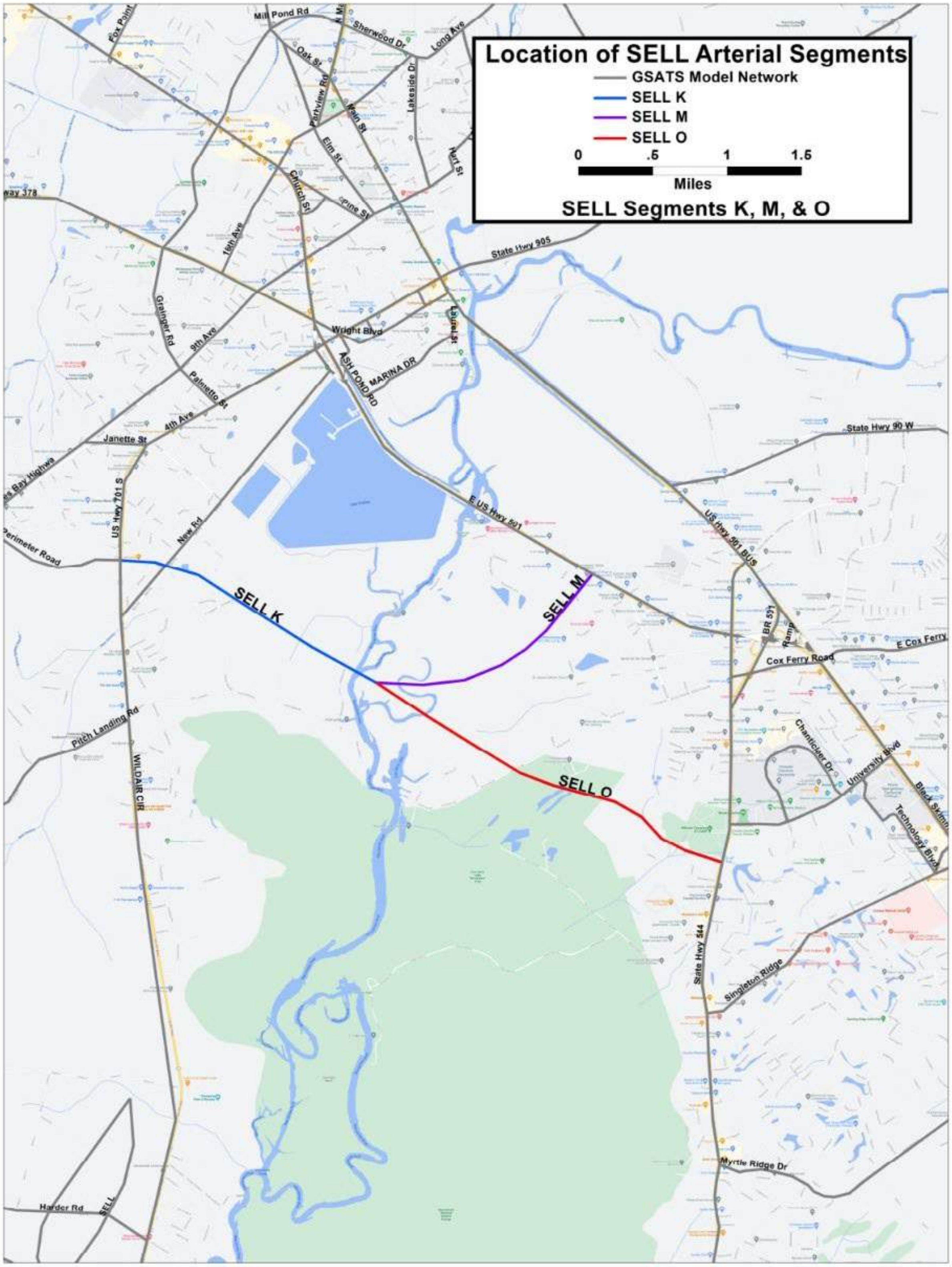


Figure 27 - Location of SELL Segments K, M, and O

The VMT for Alternatives 14-16 are slightly higher than the highest new alignment VMT (Alternative 2 – 1.13 million VMT). The VMT for the three alternatives range from about 1.18 million VMT to 1.22 million VMT.

The tables summarizing the VMT along the individual selected SELL study area links are contained in **Appendix C**.

6.1.3 Vehicle-Hours Traveled

As shown in **Table 2**, Alternatives 1 and 2 have the highest VHT of the new alignment SELL alternatives. The VHT for these alternatives are approximately 18,500 VHT. The lowest VHT of the new alignment alternatives is around 15,400 VHT for alternatives 10&11 and 12&13.

The VHT for Alternatives 14-16 are substantially higher than those of the new alignment alternatives. Many of the arterial segments in the no-build condition carry more traffic than the new alignment SELL alternative segments. With the additional capacity provided along the arterials in Alternatives 14-16, additional traffic (generally between 10,000 to 27,000 vehicles) will be drawn to the arterial segments, though this additional traffic is generally less than the traffic drawn to the new alignment SELL links (generally between 30,000 and 46,000). The high volume of traffic on the arterial links, coupled with lower average speeds and higher travel times result in the range of VHT for Alternatives 14-16 to range from about 39,300 (Alternative 14) to about 53,600 (Alternative 16).

The tables summarizing the VHT along the individual selected SELL study area links are contained in **Appendix D**.

Table 4 summarizes the total VMT and VHT for the No-Build and 11 SELL Alternatives for the portion of the GSATS model network links within the SELL study area boundary shown in **Figure 2**.

Table 4 - SELL Alternative VMT-VHT Summary

SELL ALTERNATIVE	Total VMT	Change	% Change	Total VHT	Change	% Change
No-Build	7,431,890.16	-	-	451,281.23	-	-
ALT 1 (SELL_01)	8,138,480.22	706,590.06	9.51%	434,944.73	(16,336.50)	-3.62%
ALT 2 (SELL_02)	8,176,697.18	744,807.02	10.02%	431,393.34	(19,887.89)	-4.41%
ALT 3&5 (SELL_03)	8,129,155.64	697,265.48	9.38%	432,715.77	(18,565.46)	-4.11%
ALT 4&6 (SELL_04)	8,168,722.50	736,832.33	9.91%	429,415.59	(21,865.64)	-4.85%
ALT 7 (SELL_05)	8,218,368.37	786,478.21	10.58%	442,418.83	(8,862.39)	-1.96%
ALT 8&9 (SELL_06)	8,185,788.65	753,898.49	10.14%	440,050.19	(11,231.04)	-2.49%
ALT 10&11 (SELL_07)	8,102,515.71	670,625.54	9.02%	431,026.45	(20,254.78)	-4.49%
ALT 12&13 (SELL_08)	8,148,362.45	716,472.28	9.64%	428,283.67	(22,997.56)	-5.10%
ALT 14 (SELL_09)	7,909,851.89	477,961.72	6.43%	430,039.16	(21,242.07)	-4.71%
ALT 15 (SELL_10)	7,856,755.51	424,865.34	5.72%	437,355.47	(13,925.75)	-3.09%
ALT 16 (SELL_11)	7,753,702.55	321,812.38	4.33%	443,334.00	(7,947.23)	-1.76%

The eight new alignment SELL alternatives result in an estimated increase in VMT of between 9.0 and 10.6 percent compared to the no-build alternative. The three alternatives that make use of improvements along the existing arterials of SC 544 and US 501 have lower estimated increases in VMT ranging between 4.3 and 6.4 percent. The eight new alignment SELL alternatives are estimated to result in a reduction of VHT of between approximately 1.9

and 5.1 percent. The three alternatives that make use of SC 544 and US 501 are estimated to result in a reduction of VHT between 1.7 and 4.7 percent.

Alternative 14 (SELL 09) has the third highest estimated reduction in VHT, with greater reductions estimated for Alternatives 12&13 (SELL 08) and Alternatives 4&6 (SELL 04).

6.1.4 Travel Time

Two travel times generated by the GSATS model were evaluated. The Freeflow Travel Time is the estimated travel time based on individual link length and coded speed limit. The Average Daily Travel Time is calculated for each link as a result of the model performing the iterative traffic assignment during each alternative model run. As mentioned previously, the GSATS model estimates congested speeds and converts those to estimated travel times for each direction on each link for the AM peak, PM peak, and Off-Peak periods. These are then aggregated and averaged to produce an Average Daily Travel Time. The Average Daily Travel Time will generally differ from the Freeflow Travel Time in that it will increase as traffic volumes increase. The bigger the increase in the Average Daily Travel Time compared to the Freeflow Travel Time indicates more traffic and more congestion.

As shown in **Table 2**, for the new alignment alternatives, the shortest alternatives (Alternatives 7 and 8&9) have the lowest Freeflow Travel Time (between 18.1 and 18.8 minutes). The remaining new alignment alternatives have Freeflow Travel Times ranging from 23.3 to 26.7 minutes.

Alternatives 7 and 8&9 also have the lowest Average Daily Travel Time (24.5 and 23.9 minutes respectively) of the new alignment alternatives shown in **Table 2**. Alternative 12&13 has the next lowest Average Daily Travel Time (about 26.9 minutes). The remaining alternatives have Average Daily Travel Times ranging between 29.3 and 32.7 minutes.

Alternative 12&13, Alternative 4&6 and Alternative 2 have the least difference between the Freeflow Travel Time with the Average Daily Travel Time shown in **Table 2**. The Average Daily Travel Time for Alternative 12&13 increases by about 3.2 minutes compared to the Freeflow Travel Time. The Average Daily Travel Time for Alternative 4&6 and Alternative 2 are estimated exceed the Freeflow Travel Time by about 4.2 and 4.4 minutes. The biggest difference between the Freeflow Travel Time and the Average Daily Travel Time is about six minutes (Alternative 1).

There is a much bigger difference between the Freeflow Travel Time and the Average Daily Travel Time for Alternatives 14-16 as shown in **Table 2**. While these alternatives, which take place mostly or entirely on expanded existing arterial roadways, have Freeflow Travel Times between about 23 and 25 minutes, the Average Daily Travel Times range between 64 and 86 minutes. This is largely due to the much higher volume of traffic and higher levels of congestion on these alternatives.

The tables summarizing the Freeflow Travel Time and Average Daily Travel Time along the individual selected SELL study area links are contained in **Appendix E** and **Appendix F** respectively.

Average Speed

The GSATS model estimates individual directional link speeds for the AM, PM, and off-peak periods, but does not provide link speed estimates for the daily traffic.

Unlike the other MOE, total speed along an alignment or section of an alignment is not additive, like VMT, VHT or Travel Time. And because the individual links are of varying lengths, a simple average (the sum of the speeds divided by the number of links) cannot be used to determine an overall average speed. A weighted average using link speeds and link lengths might be used to estimate the average speed along an alignment or alignment section. However, an efficient method to estimate the average speed for an alignment is to divide the total alignment length by the total Daily Travel Time and convert the quotient to mile per hour. This is how the average speed shown for the alignments in **Tables 2 and 3** were derived.

Alternative 12&13 had the highest average speed (about 60 mph) of the new alignment alternatives. Three other alternatives (Alternatives 2, 4&6, and 10&11) had average speeds of about 55 mph. Alternatives 1 and 3&5 had average speeds of about 52 mph. The new alignment alternatives with the lowest average speeds were Alternatives 7 and 8&9, which were just below 50 mph.

The average speeds for the three alternatives (Alternatives 14-16), which are mostly or all improved existing arterial roadways, had substantially lower average speeds (between 16 and 19 mph). This is generally 30-40 mph lower than the new alignment average speeds.

6.1.5 Volume-Capacity Ratio and LOS

Similar to average speed, an average V/C ratio or LOS for an entire alignment or alignment section is not easily derived. The SCDOT Planning LOS criteria establishes a V/C of 1.0, which is typically the threshold between LOS E and LOS F, as the threshold between LOS C and LOS D. This results in roadway segments in the GSATS model being classified at LOS D (which is defined in the GSATS model as a V/C ratio of 1.0 to 1.15) when they are actually over-capacity and would normally be classified as LOS F. For this analysis, a more typical range of V/C were used to establish LOS in the SELL Alternative results rather than using the more liberal SCDOT Planning LOS criteria. The Typical V/C thresholds for LOS and the GSATS (SCDOT Planning) LOS thresholds are shown in **Table 5**.

The various LOS ratings can be described as follows:

- LOS A: Free flow conditions with low traffic volumes traveling at free flow speeds with unimpeded maneuverability
- LOS B: Nearly free flow conditions with traffic generally moving at free flow speeds with slightly impeded maneuverability
- LOS C: Stable flow at or near free flow speeds; increased traffic density begins to restrict maneuverability
- LOS D: Approaching unstable flow conditions with limited maneuverability
- LOS E: Unstable flow moving at slower speeds with very limited or no maneuverability; traffic volumes are approaching roadway capacity
- LOS F: Flow is unstable and slow-moving with frequent stops and traffic back-ups; traffic demand exceeds roadway capacity.

Table 5 - Typical and GSATS Model LOS

LOS	Typical V/C Ratio	GSATS V/C Ratio
A	≤ 0.30	n/a
B	0.30 ≤ 0.50	≤ 0.50
C	0.50 ≤ 0.70	0.50 ≤ 1.00
D	0.70 ≤ 0.84	1.00 ≤ 1.15
E	0.84 ≤ 1.00	1.15 ≤ 1.35
F	> 1.00	> 1.35

Table 6 and **Table 7** depict the minimum and maximum V/C ratios and their corresponding 'Typical' LOS for the same segments shown in **Table 2** and **Table 3**. The SELL Alignment LOS are separated into the new alignment segments and segments where a proposed SELL alternative incorporates existing arterial roadways. For example, Alternatives 1, 3&5, and 10&11 make use of Holmestown Road, while Alternatives 14-16 make use of various segments of SC 544, US 501 and/or Conway Perimeter Road.

Table 6 - SELL and SC 544 Minimum and Maximum V/C and LOS

Segments	Daily	SELL_NB	1 SELL_01	2 SELL_02	3 & 5 SELL_03	4 & 6 SELL_04	7 SELL_05	8 & 9 SELL_06	10 & 11 SELL_07	12 & 13 SELL_08	14 SELL_09	15 SELL_10	16 SELL_11
SELL (New Alignment)	Min. V/C	n/a	0.36	0.57	0.34	0.57	0.57	0.51	0.33	0.50	0.91	0.77	n/a
	Min LOS	n/a	B	C	B	C	C	C	B	C	E	D	n/a
	Max V/C	n/a	0.67	0.70	0.65	0.69	1.07	1.06	0.62	0.66	1.10	0.89	n/a
	Max LOS	n/a	C	D	C	C	F	F	C	C	F	E	n/a
SELL (Existing Segments)	Min. V/C	n/a	0.77	n/a	0.76	n/a	n/a	n/a	0.74	n/a	0.67	0.64	0.60
	Min LOS	n/a	D	n/a	D	n/a	n/a	n/a	D	n/a	C	C	C
	Max V/C	n/a	1.04	n/a	1.03	n/a	n/a	n/a	1.01	n/a	1.36	1.74	1.60
	Max LOS	n/a	F	n/a	F	n/a	n/a	n/a	F	n/a	F	F	F
SC 544 from US 17 to SELL Segment W	Min. V/C	0.59	0.57	0.57	0.57	0.57	0.71	0.70	0.57	0.57	0.71	0.68	0.67
	Min LOS	C	C	C	C	C	D	C	C	C	D	C	C
	Max V/C	1.45	1.39	1.33	1.38	1.32	1.49	1.49	1.37	1.32	1.30	1.25	1.25
	Max LOS	F	F	F	F	F	F	F	F	F	F	F	F
SC 544 from SELL Segment W to SELL Segment O	Min. V/C	1.15	0.97	0.98	0.96	0.97	0.74	0.71	0.97	0.98	1.19	1.13	1.11
	Min LOS	F	E	E	E	E	D	D	E	E	F	F	F
	Max V/C	1.33	1.12	1.12	1.11	1.12	1.04	1.02	1.12	1.12	1.36	1.26	1.23
	Max LOS	F	F	F	F	F	F	F	F	F	F	F	F
SC 544 from SELL Segment O to US 501	Min. V/C	0.96	0.79	0.79	0.78	0.79	0.61	0.59	0.79	0.80	0.54	0.69	0.68
	Min LOS	E	D	D	D	D	C	C	D	D	C	C	C
	Max V/C	1.38	1.16	1.18	1.17	1.17	0.93	0.92	1.17	1.18	1.13	1.26	1.24
	Max LOS	F	F	F	F	F	E	E	F	F	F	F	F

Table 7 - US 501 and Conway Perimeter Road Minimum and Maximum V/C and LOS

Segments	Daily	SELL_NB	**1** SELL_01	**2** SELL_02	**3 & 5** SELL_03	**4 & 6** SELL_04	**7** SELL_05	**8 & 9** SELL_06	**10 & 11** SELL_07	**12 & 13** SELL_08	**14** SELL_09	**15** SELL_10	**16** SELL_11
US 501 from SC 544 to SELL Segment M	Min. V/C	1.14	1.03	1.03	1.03	1.03	0.92	0.90	1.04	1.04	0.85	0.85	0.82
	Min LOS	F	F	F	F	F	E	E	F	F	E	E	D
	Max V/C	1.69	1.52	1.53	1.52	1.53	1.24	1.22	1.53	1.54	1.15	1.74	1.60
	Max LOS	F	F	F	F	F	F	F	F	F	F	F	F
US 501 from SELL Segment M to US 378	Min. V/C	1.19	1.11	1.11	1.10	1.11	0.94	0.92	1.11	1.11	0.88	0.87	1.18
	Min LOS	F	F	F	F	F	E	E	F	F	E	E	F
	Max V/C	1.69	1.52	1.53	1.52	1.53	1.24	1.22	1.53	1.54	1.15	1.08	1.60
	Max LOS	F	F	F	F	F	F	F	F	F	F	F	F
US 501 from US 378 to El Bethel Rd	Min. V/C	0.84	0.76	0.76	0.76	0.76	0.68	0.70	0.78	0.78	0.64	0.59	0.78
	Min LOS	D	D	D	D	D	C	D	D	D	C	C	D
	Max V/C	1.08	1.06	1.06	1.05	1.05	0.99	0.98	1.05	1.05	0.99	0.99	1.09
	Max LOS	F	F	F	F	F	E	E	F	F	E	E	F
US 501 from El Bethel Rd to SC 22	Min. V/C	0.88	0.78	0.78	0.76	0.75	0.63	0.61	0.73	0.73	0.67	0.64	0.60
	Min LOS	E	D	D	D	D	C	C	D	D	C	C	C
	Max V/C	1.20	1.06	1.05	1.04	1.04	0.93	0.99	1.04	1.04	0.97	0.92	0.88
	Max LOS	F	F	F	F	F	E	E	F	F	E	E	E
Conway Perimeter Road (El Bethel Road) from New Rd to US 501	Min. V/C	0.31	0.08	0.08	0.08	0.07	0.08	0.06	0.07	0.07	0.76	0.71	0.08
	Min LOS	B	A	A	A	A	A	A	A	A	D	D	A
	Max V/C	0.75	0.33	0.33	0.34	0.33	0.37	0.48	0.36	0.36	0.90	0.85	0.56
	Max LOS	D	B	B	B	B	B	B	B	B	E	E	C

Plots of the 2040 No-Build and the SELL Alternatives depicting the Typical V/C ratio and corresponding LOS are included in **Figures 27 to 38**. It should be noted that the SCDOT Planning LOS criteria, which are incorporated into the GSATS model, were not used in these figures. The LOS results in **Appendix I** make use of the SCDOT/GSATS Planning LOS thresholds for the Daily LOS shown in **Appendix H**. **Appendix G** shows the Peak V/C.

6.2 MOE Summary

6.2.1 2040 E+C (No-Build) V/C and LOS

The 2040 E+C (No-Build) V/C and LOS results are shown in **Figure 28**. The no-build alternative does not include any new alignment SELL routes. The existing major arterial routes are all predicted to be generally over-capacity. The LOS for various key arterial routes in the SELL study area are as follows:

- The segment LOS along SC 544 between US 17 and US 501 are generally predicted to operate at LOS F except for a few very short links within the interchange with SC 31.
- US 501 is generally expected to operate at or over capacity (LOS E or LOS F) between SC 544 and the US 22 interchange.
- El Bethel Road between US 378 and US 501 is expected to operate between LOS B and LOS D.
- Holmestown Road between SC 707 and US 17 Bypass is expected to operate between LOS D and LOS F.

Other roadway segments projected to operate at LOS E or LOS F along multiple segments in the SELL study area within the 2040 E+C No-Build network include:

- US 701
- US 378
- SC 707
- US 17 Bypass

6.2.2 Alternative 1 (GSATS SELL Alternative 1)

The Alternative 1 V/C and LOS results are shown in **Figure 29**. Alternative 1 includes new alignment between SC 707 and the US 22 interchange at US 501 and includes a portion of existing Holmestown Road between SC 707 and US 17 Bypass. With a six-lane facility, Alternative 1 is projected to operate between LOS B and LOS C in 2040. As part of Alternative 1, Holmestown Road would also be anticipated to be improved to provide two additional through lanes and is anticipated to operate between LOS D and LOS F between SC 707 and US 17 Bypass.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and US 501 is predicted to continue to generally operate at LOS E or LOS F, but is expected to experience slightly reduced V/C as a result of a shift in traffic to Alternative 1. The maximum V/C along the corridor north of SC 31 is projected to be reduced from 1.38 to 1.16.
- US 501 is generally expected to operate at LOS E or LOS F between SC 544 and the US 22 interchange. As a result of Alternative 1, there is a general 10 percent reduction in V/C throughout most of the corridor.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to see a reduction in traffic and is estimated to operate at LOS B or better.

Other roadway segments see improvement over the no-build condition resulting from traffic shifting to Alternative 1. Except for portions of the roadways adjacent to the proposed interchanges at US 701, and US 378, traffic on these routes generally is expected to improve to operate at LOS D or better, with some segments operating at LOS E approaching the Conway Perimeter Road. Near the southern terminus of Alternative 1, traffic is expected to increase slightly on SC 707 and US 17 Bypass. Both roads are expected to operate at LOS F, comparable to the No-Build condition.

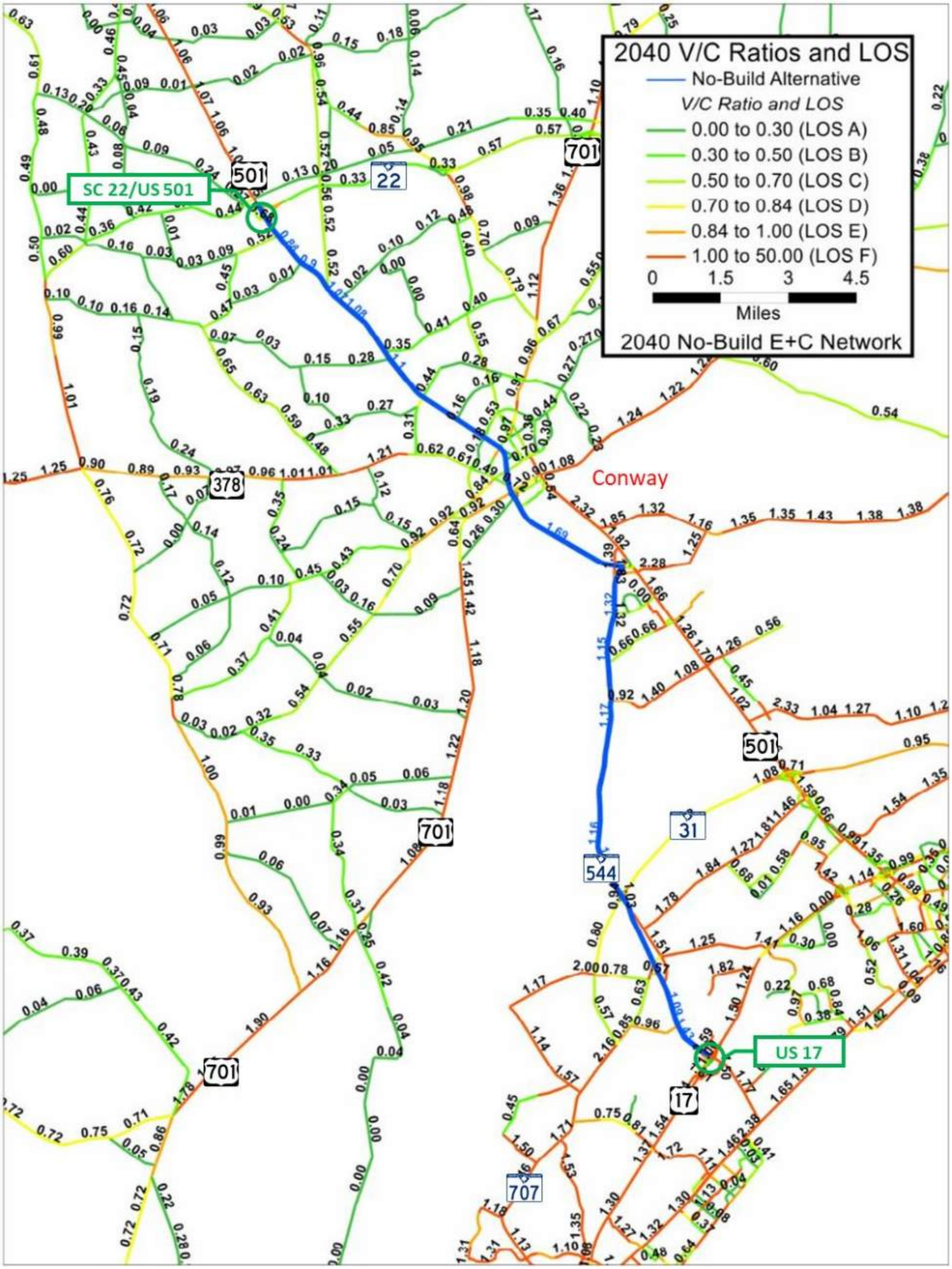


Figure 28 - 2040 E+C (No-Build) V/C and LOS

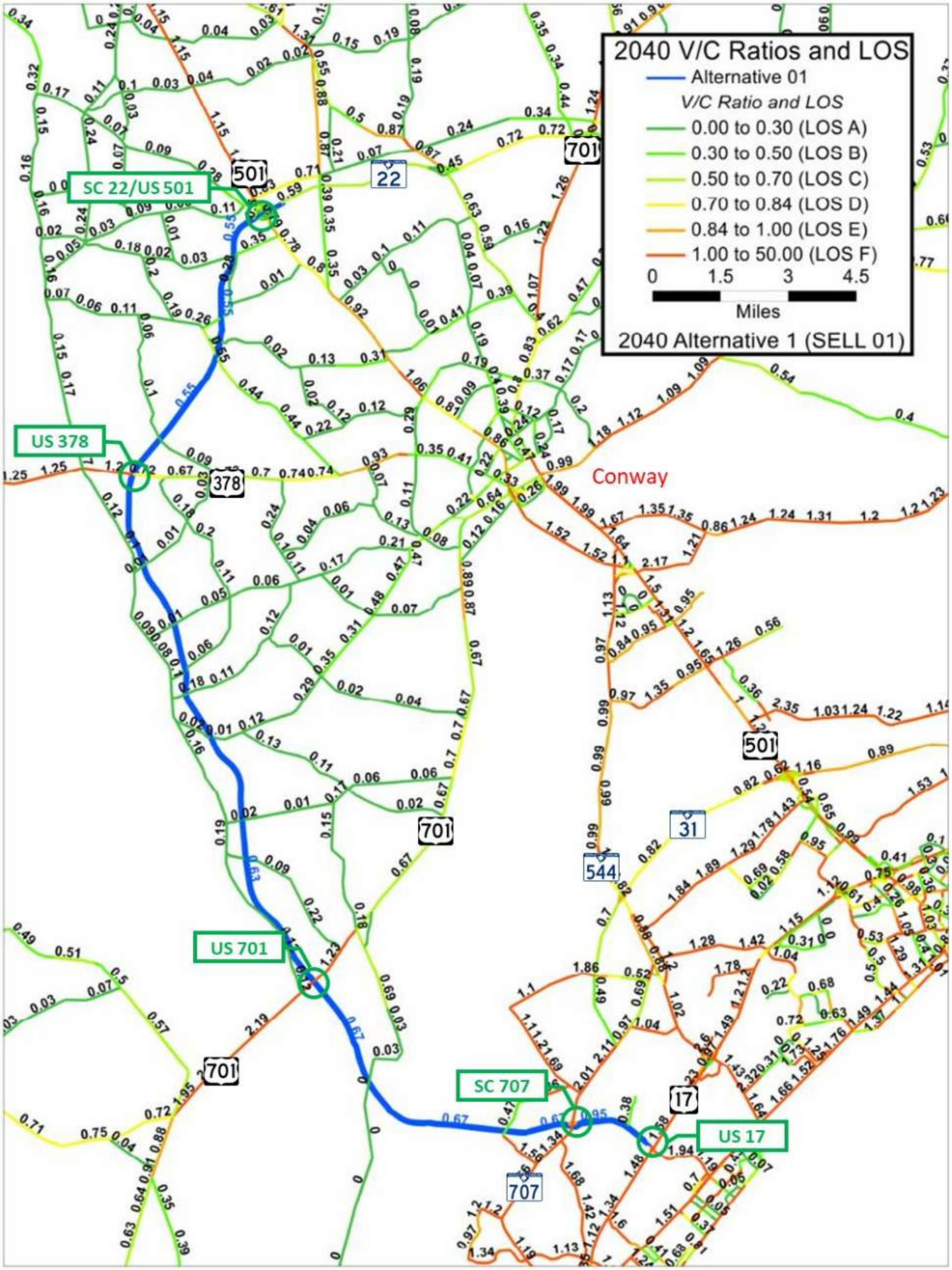


Figure 29 - Alternative 1 V/C and LOS

6.2.3 Alternative 2 (GSATS SELL Alternative 2)

The Alternative 2 V/C and LOS results are shown in **Figure 30**. Alternative 2 includes new alignment between US 17 Bypass and the US 22 interchange at US 501. As a six-lane facility, Alternative 2 is projected to operate between LOS C and LOS D in 2040. Alternative 2 does not include sections of improved existing arterials.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and US 501 is predicted to continue to generally operate at LOS E or LOS F, but is expected to experience comparable V/C as Alternative 1.
- US 501 is generally expected to operate at LOS E or LOS F between SC 544 and the US 22 interchange with V/C ratios comparable to those in Alternative 1.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to operate at LOS B or better with V/C ratios comparable to Alternative 1.

Similar to Alternative 1, except for portions of the roadways adjacent to the proposed interchanges at US 701, and US 378, traffic on these routes generally is expected to improve to operate at LOS D or better, with some segments operating at LOS E approaching the Conway Perimeter Road. Near the southern terminus of Alternative 2, traffic is expected to increase slightly on SC 707 and US 17 Bypass. Both roads are expected to operate at LOS F, with V/C comparable to Alternative 1.

6.2.4 Alternatives 3 and 5 (GSATS SELL Alternative 3)

The Alternative 3&5 V/C and LOS results are shown in **Figure 31**. Alternative 3&5 includes new alignment between SC 707 and the US 22 interchange at US 501 and includes a portion of existing Holmestown Road between SC 707 and US 17 Bypass. This alternative differs from Alternative 1 in that the northern half of the alternative alignment is east of the Alternative 1 alignment. With a six-lane facility, Alternative 3&5 is projected to operate between LOS B and LOS C in 2040. As part of Alternative 3&5, Holmestown Road would also be anticipated to be improved to provide two additional through lanes and is anticipated to operate between LOS D and LOS F between SC 707 and US 17 Bypass.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and US 501 is predicted to continue to generally operate at LOS E or LOS F, but is expected to experience slightly reduced V/C resulting from a shift in traffic to Alternative 3&5. The V/C along the corridor is projected to be similar to Alternatives 1 and 2.
- US 501 is generally expected to operate at LOS E or LOS F between SC 544 and the US 22 interchange. The V/C for Alternative 3&5 are similar to Alternatives 1 and 2.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to operate at LOS B or better, comparable to Alternatives 1 and 2.

Roadway segments along US 701 see improvement over Alternatives 1 and 2. Except for portions of the US 701 adjacent to the proposed interchange, US 701 is predicted to operate at LOS D or better in 2040. US 378 is not expected to operate as well in Alternative 3&5 compared to Alternatives 1 and 2. Due to the more eastern alignment of Alternative 3&5, US 378 is expected to generally operate at LOS E or LOS F west of the Conway Perimeter Road.

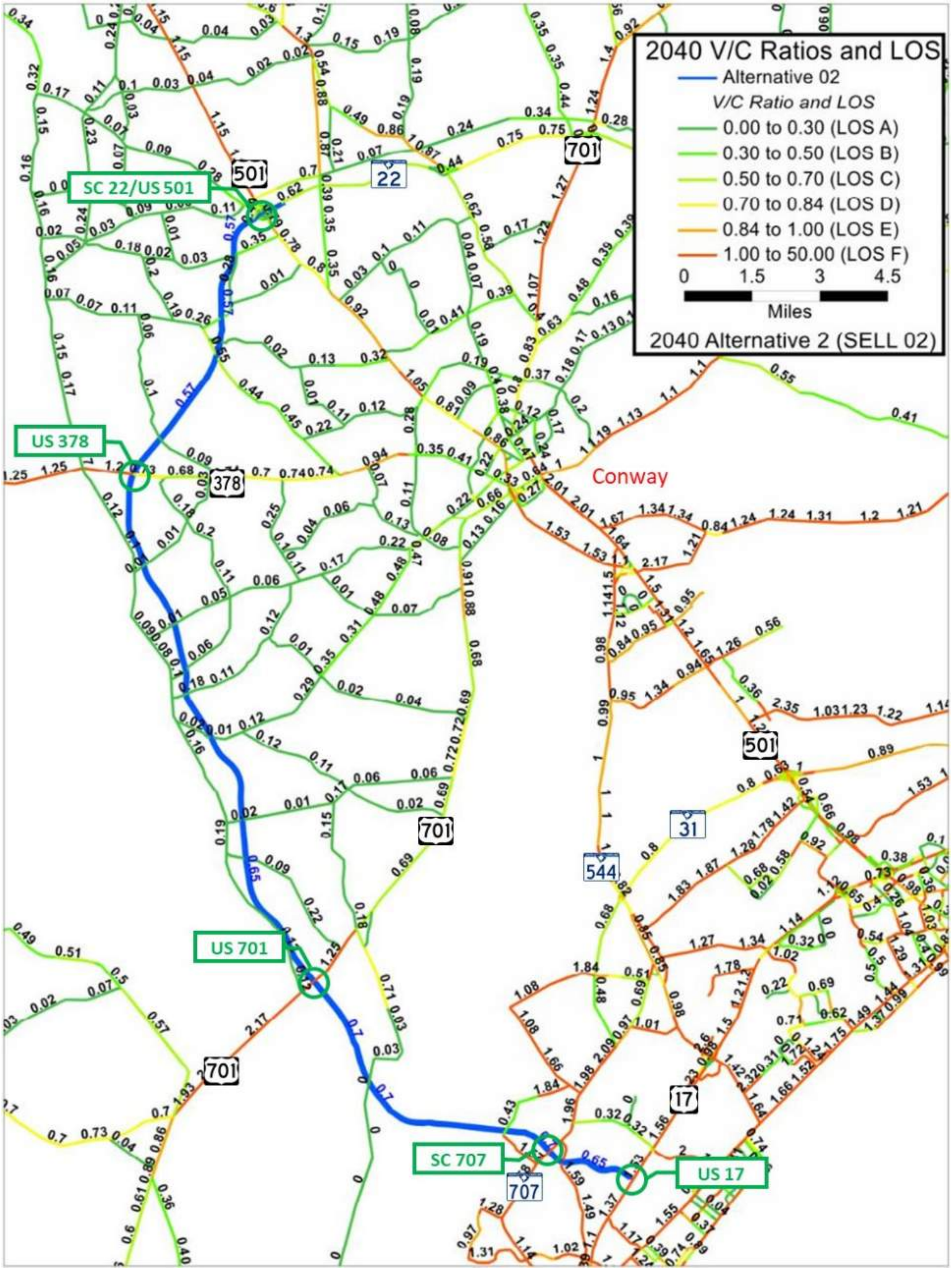


Figure 30 - Alternative 2 V/C and LOS

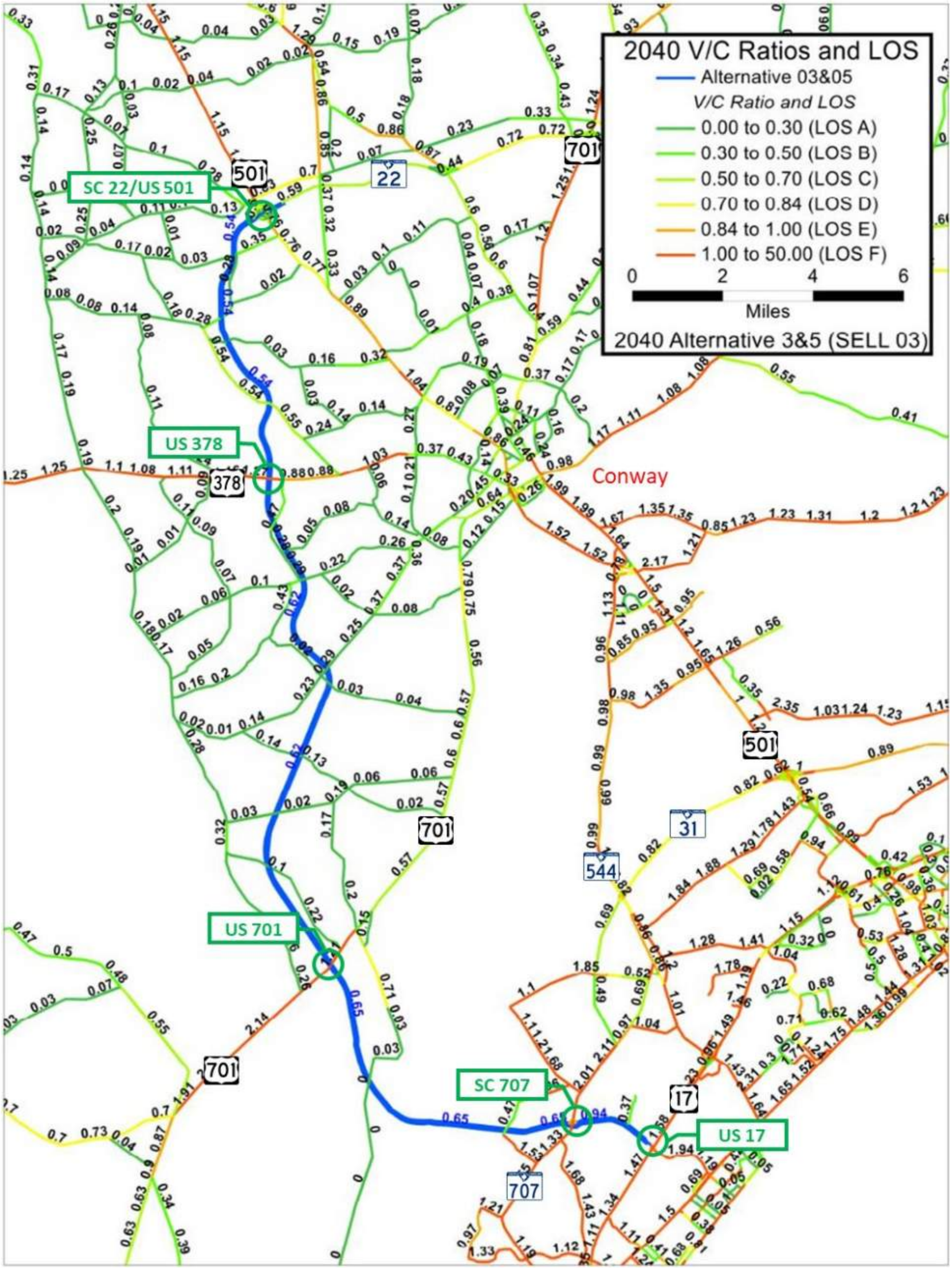


Figure 31 - Alternative 3&5 V/C and LOS

6.2.5 Alternatives 4 and 6 (GSATS SELL Alternative 4)

The Alternative 4&6 V/C and LOS results are shown in **Figure 32**. Alternative 4&6 includes new alignment between US 17 Bypass and the US 22 interchange at US 501. This alternative differs from Alternative 2 in that the northern half of the alternative alignment is east of the Alternative 2 alignment, similar to Alternative 3&5. As a six-lane facility, Alternative 4&6 is projected to operate at LOS C in 2040. Alternative 4&6 does not include sections of improved existing arterials.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and US 501 is predicted to continue to generally operate at LOS E or LOS F, but is expected to experience comparable V/C as the previous three alternatives.
- US 501 is generally expected to operate at LOS E or LOS F between SC 544 and the US 22 interchange with V/C ratios comparable to those in the previous three alternatives.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to operate at LOS B or better with V/C ratios comparable to the previous three alternatives.

Similar to Alternative 3&5, roadway segments along US 701 see improvement over Alternatives 1 and 2. Except for portions of the US 701 adjacent to the proposed interchange, US 701 is predicted to operate at LOS D or better in 2040. US 378 is not expected to operate as well in Alternative 4&6 compared to Alternatives 1 and 2. Due to the more eastern alignment of Alternative 3&5, US 378 is expected to generally operate at LOS E or LOS F west of the Conway Perimeter Road.

6.2.6 Alternative 7 (GSATS SELL Alternative 5)

The Alternative 7 V/C and LOS results are shown in **Figure 33**. The northern portion of the Alternative 7 alignment is similar to that of Alternatives 3&5 and 4&6, but the southern portion of the alignment shifts away from US 17 Bypass and SC 707 west of SC 544 to a terminus on SC 31 between US 501 and SC 544. It includes interchanges at SC 544 in addition to US 701 and US 378. As a six-lane facility, the Alternative 7 segments west of US 701 are generally projected to operate at LOS C and D, with the segment crossing the Waccamaw River between SC 544 and US 701 projected to operate at LOS F. This section of Alternative 7 would need to provide eight lanes to reduce the 1.07 V/C. Alternative 7 does not include sections of improved existing arterials.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 segments adjacent to the Alternative 7 terminus see an increase in V/C and are projected to operate at LOS F. The segments of SC 544 between Alternative 7 and SC 31 see the most increase in V/C. SC 544 segments closer to US 501 see reductions in V/C.
- US 501 segments see a reduction in V/C under Alternative 7 compared to the previous four alternatives. This is likely due to traffic shifting from US 501 to Alternative 7. V/C is reduced approximately 10-15 percent compared to the previous four alternatives.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to operate at LOS B or better with V/C ratios comparable to the previous four alternatives.

Roadway segments along US 701 south of Alternative 7 are expected to experience large increases in V/C as traffic is drawn to the proposed SELL alignment. Similarly, US 378 is expected to operate at LOS F west of

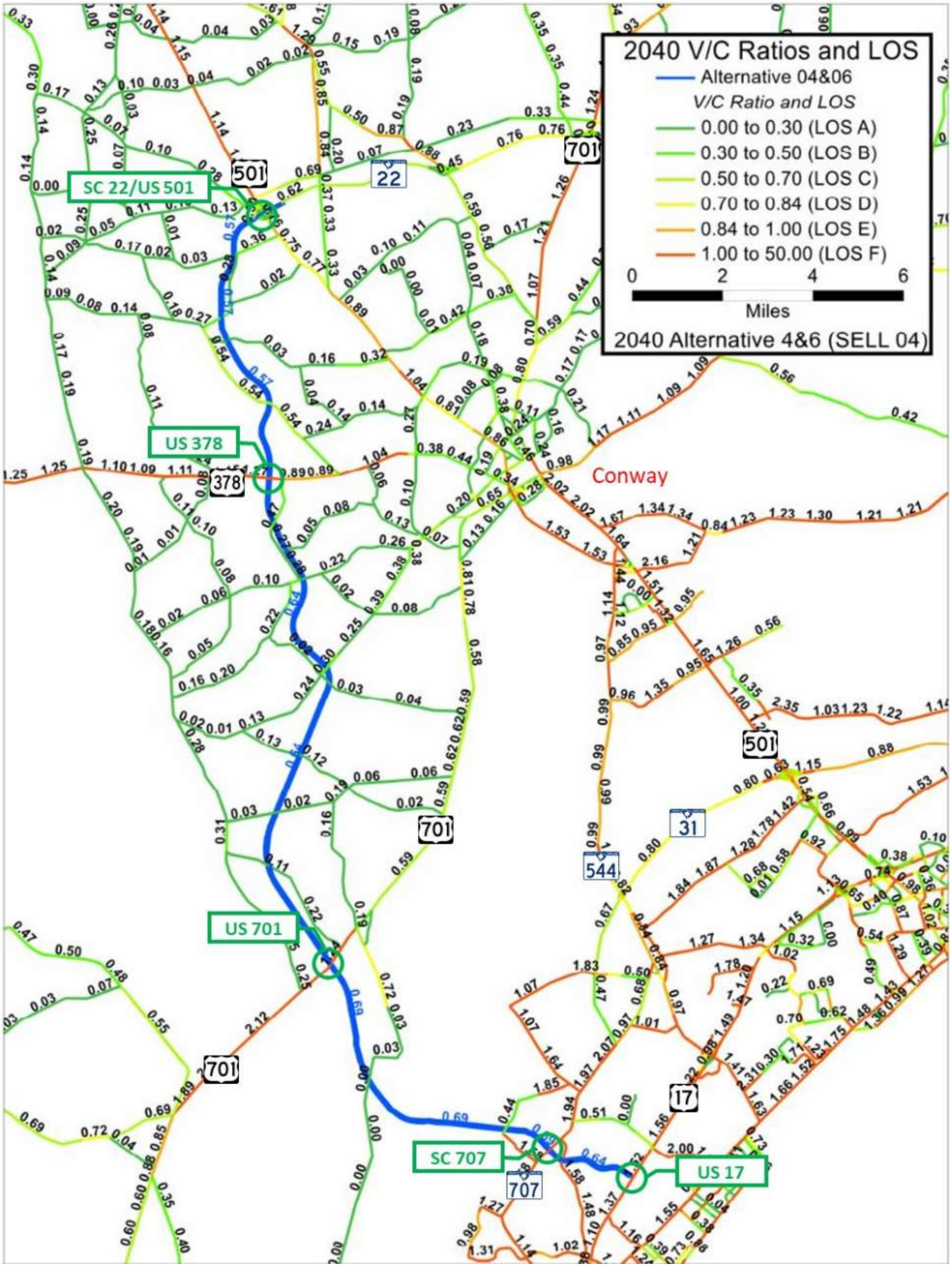


Figure 32 - Alternative 4&6 V/C and LOS

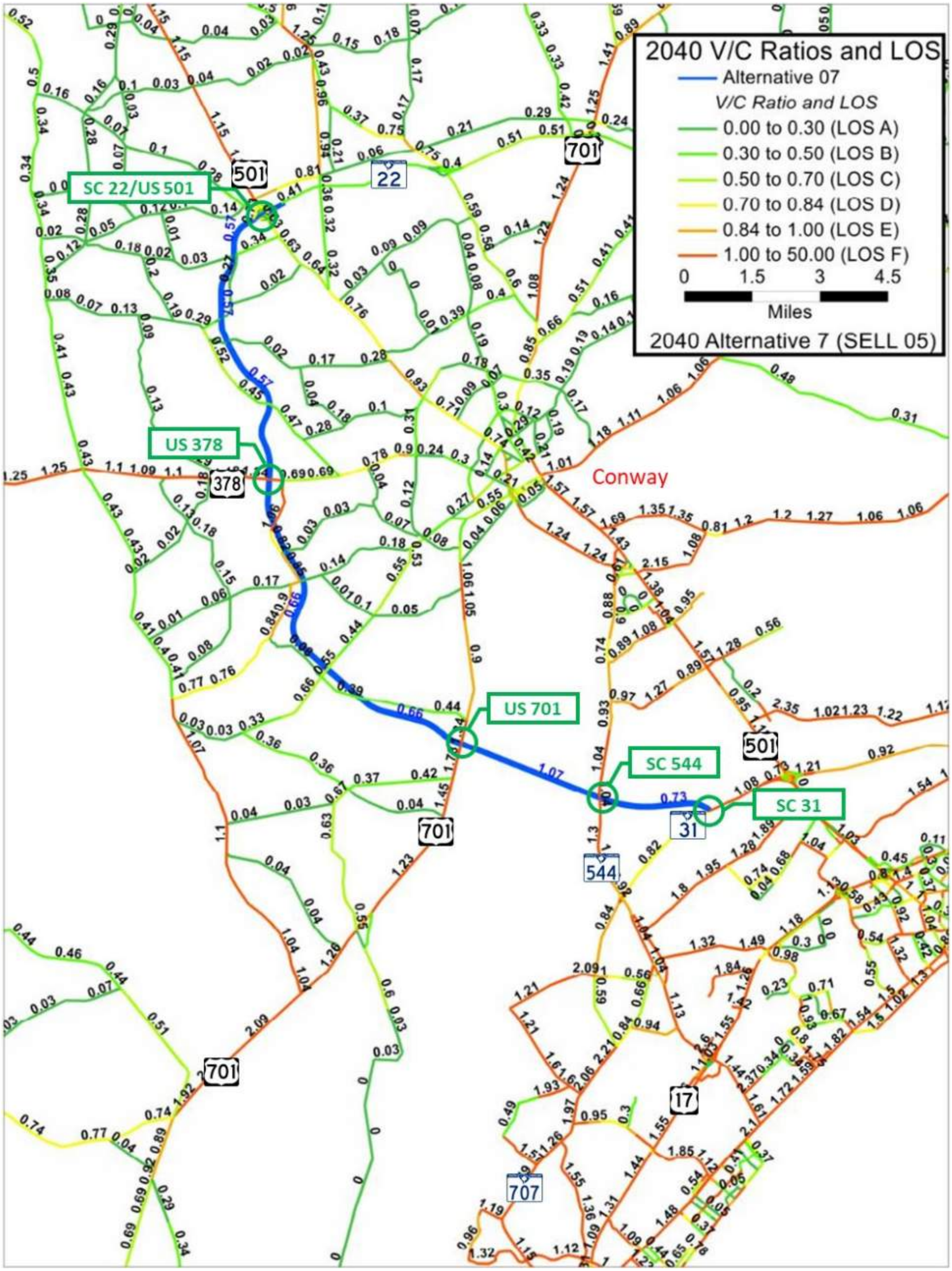


Figure 33 - Alternative 7 V/C and LOS

Alternative 7. East of the interchange towards the Conway Perimeter Road, US 378 is expected to operate at LOS C or D.

6.2.7 Alternatives 8 and 9 (GSATS SELL Alternative 6)

The Alternative 8&9 V/C and LOS results are shown in **Figure 34**. The southern portion of the Alternatives 8&9 alignment is similar to that of Alternative 7, but the alignment takes a sharp turn to the north running parallel to the west of US 701. It then turns northwest, running parallel to US 501. Alternative 8&9 include interchanges at SC 544 in addition to US 701 and US 378. As a six-lane facility, the Alternative 7 segments west of US 701 are projected to operate at LOS C and D, with the segment crossing the Waccamaw River between SC 544 and US 701 projected to operate at LOS F. This section of Alternatives 8&9 would need to provide eight lanes to reduce the 1.06 V/C. Alternative 8&9 does not include sections of improved existing arterials.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 segments adjacent to the Alternative 8&9 terminus are expected to operate comparable to Alternative 7. There is a projected increase in V/C and the roadway segments are expected to operate at LOS F. The segments of SC 544 between Alternative 8&9 and SC 31 see the most increase in V/C. SC 544 segments closer to US 501 see reductions in V/C.
- US 501 segments see a reduction in V/C under Alternatives 8&9 are comparable to the Alternative 7 V/C.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to operate at LOS B or better. The V/C ratios are projected to increase along the Conway Perimeter Road north of US 378.

Comparable to Alternative 7, roadway segments along US 701 south of Alternative 8&9 are expected to experience large increases in V/C as traffic is drawn to the proposed SELL alignment. The roadway segments of US 701 north of Alternative 8&9 towards the Conway Perimeter Road are lower in Alternative 8&9 compared to Alternative 7. US 378 is expected to operate at LOS F west of the Alternative 8&9 interchange and to the east of the interchange towards the Conway Perimeter Road.

6.2.8 Alternatives 10 and 11 (GSATS SELL Alternative 7)

The Alternative 10&11 V/C and LOS results are shown in **Figure 35**. Alternative 10&11 keeps the northern portion of the alignment of Alternative 8&9, but instead of crossing the Waccamaw River to connect to SC 544 and SC 31, runs parallel to the north of US 701 for about 5.5 miles before following the southern portion of the alignment common to Alternatives 1 and 3&5, including the portion of the alignment following a widened portion of Holmestown Road.

With a six-lane facility, Alternative 10&11 is projected to operate between LOS B and LOS C in 2040. As part of Alternative 10&11, Holmestown Road would also be anticipated to be improved to provide two additional through lanes and is anticipated to operate between LOS D and LOS F between SC 707 and US 17 Bypass.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and US 501 is predicted to continue to generally operate at LOS E or LOS F and is expected to have V/C comparable to Alternatives 1, 2, 3&5, and 4&6.

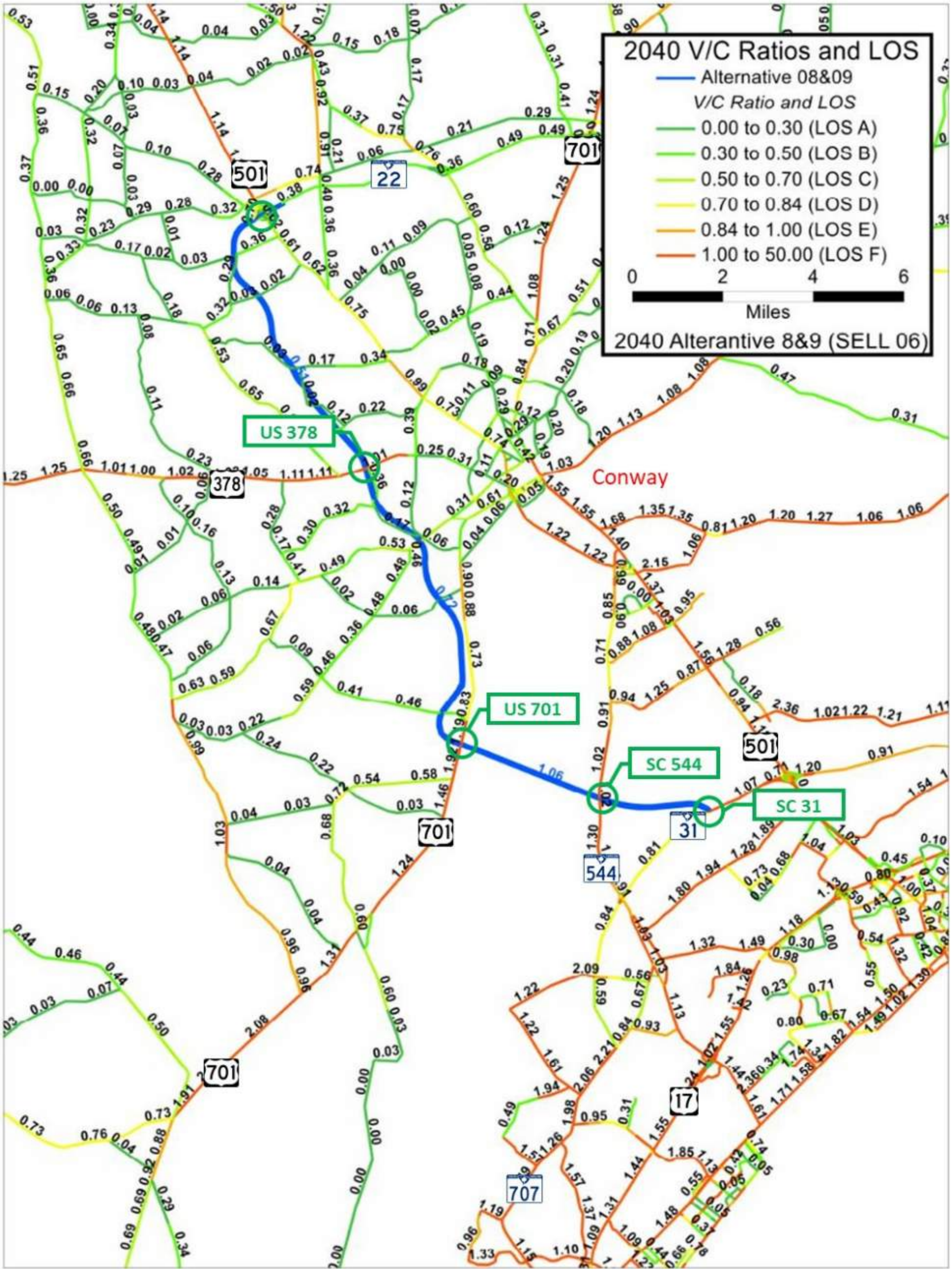


Figure 34 - Alternative 8&9 V/C and LOS

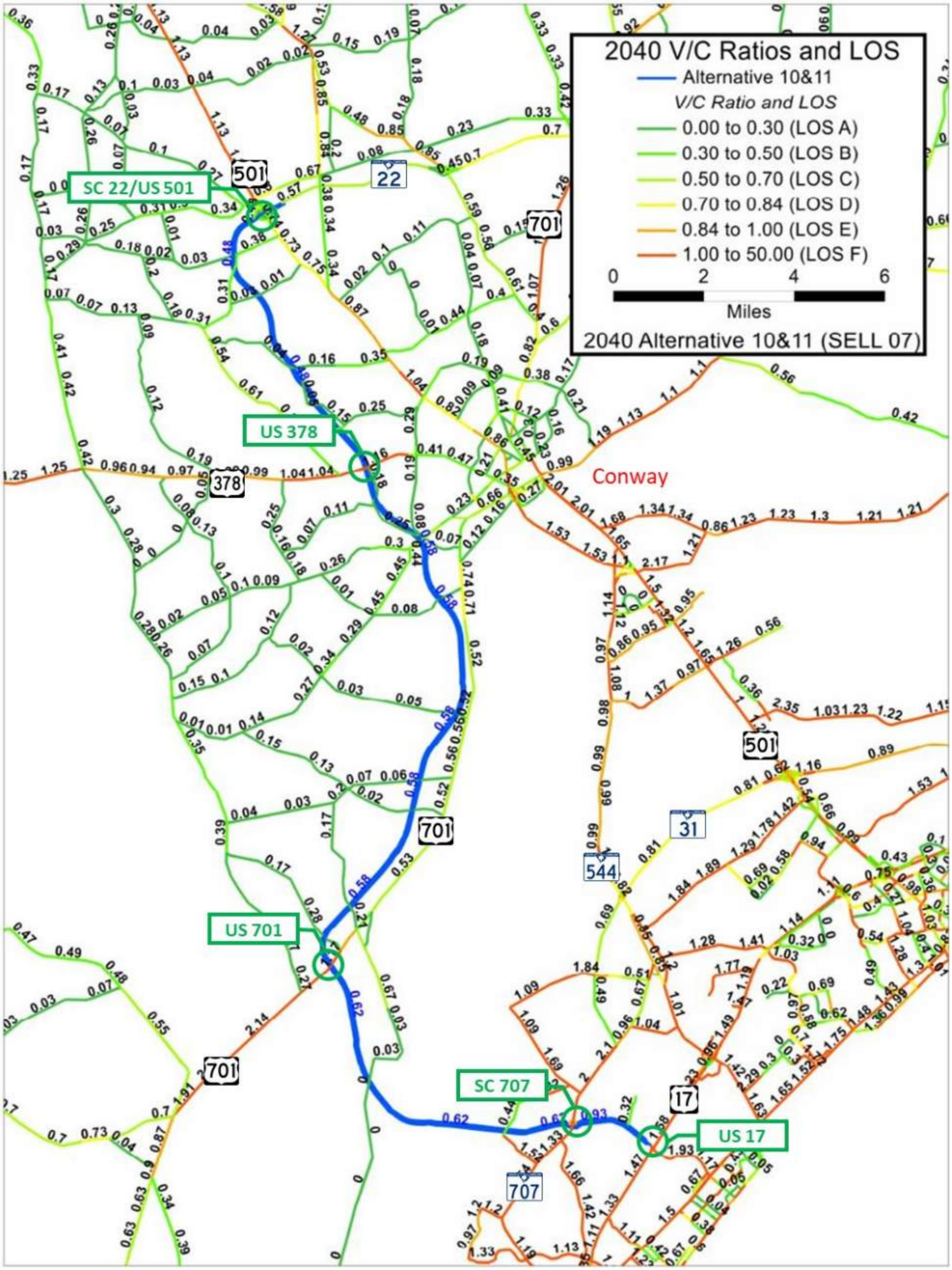


Figure 35 - Alternative 10&11 V/C and LOS

- US 501 is generally expected to operate at LOS E or LOS F between SC 544 and the US 22 interchange. The V/C for Alternative 10&11 are similar to Alternatives 1, 2, 3&5, and 4&6.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to operate at LOS B or better, comparable to the previous alternatives.

Roadway segments along US 701 see substantial reduction in V/C in Alternative 10&11 east of its interchange continuing up towards Conway Perimeter Road. Alternative 10&11 runs parallel for approximately seven miles just to the north of US 701 and is projected to operate generally at LOS C or LOS D. West of the interchange, US 701 is predicted to operate at LOS F in 2040. US 378 is expected to operate at LOS E or F west of its interchange with Alternative 10&11, as well to the east of its interchange towards Conway Perimeter Road.

6.2.9 Alternatives 12 and 13 (GSATS SELL Alternative 8)

The Alternative 12&13 V/C and LOS results are shown in **Figure 36**. Alternative 12&13 keeps the same alignment as Alternative 10&11, but with the southern terminus coinciding with Alternatives 2 and 4&6, like Alternative 10&11, Alternative 12&13 runs generally parallel to the north of US 701 before turning to the north to run generally parallel to the west of US 501. With a six-lane facility, Alternative 12&13 is projected to operate at LOS C in 2040.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and US 501 is predicted to continue to generally operate at LOS E or LOS F and is expected to have V/C comparable to Alternatives 1, 2, 3&5,4&6, and 10&11.
- US 501 is generally expected to operate at LOS E or LOS F between SC 544 and the US 22 interchange. The V/C for Alternative 10&11 are similar to Alternatives 1, 2, 3&5, 4&6, and 10&11.
- El Bethel Road/Conway Perimeter Road between US 701 and US 501 is expected to operate at LOS B or better, comparable to the previous alternatives.

As in Alternative 10&11, roadway segments along US 701 in Alternative 12&13 see substantial reduction in V/C east of its interchange continuing up towards Conway Perimeter Road, since about seven miles of both Alternatives run just to the north of US 701. US 701 north/east of the interchange is projected to operate generally at LOS C or LOS D. West of the interchange, US 701 is predicted to operate at LOS F in 2040. US 378 is expected to operate at LOS E or F west of its interchange with Alternative 10&11, as well as to the east of its interchange towards Conway Perimeter Road.

6.2.10 Alternative 14 (GSATS SELL Alternative 9)

The Alternative 14 V/C and LOS results are shown in **Figure 37**. Alternative 14 makes extensive use of existing routes incorporating two additional lanes to the existing lane configuration with a short, approximately 3.5-mile section of a new, six-lane alignment. The southern terminus of Alternative 14 begins at US 17 Bypass and continues north towards US 501 where a section of new alignment runs to the west, generally parallel to, and south of, US 501, before connecting to a widened Conway Perimeter Road. Where the Conway Perimeter Road intersects US 501, Alternative 14 then coincides with US 501 to the west to its interchange with US 22.

The new alignment section of Alternative 14 is expected to operate at LOS E and LOS F in 2040. To reduce the V/C, an eight-lane section would be required on the new alignment.

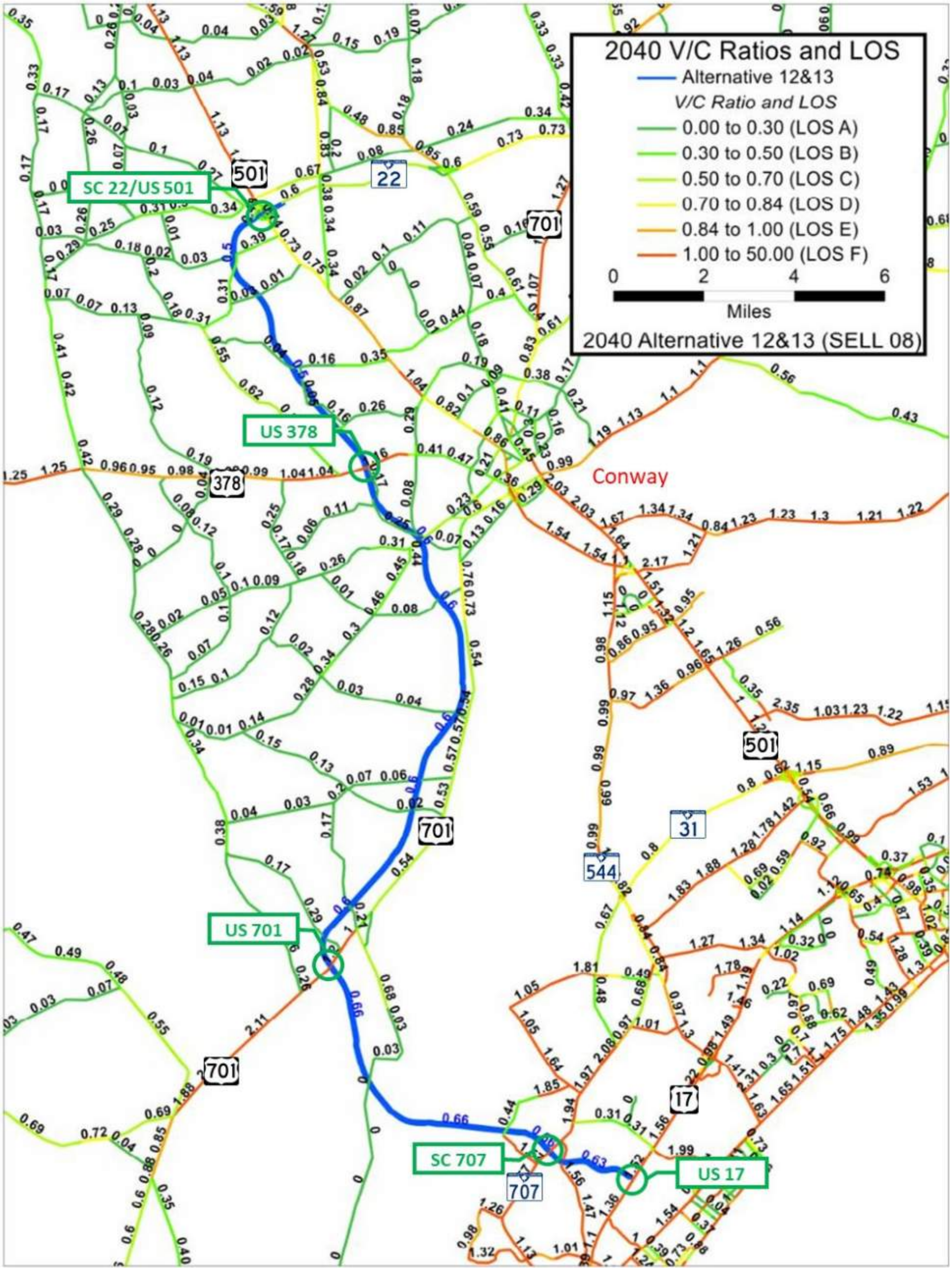


Figure 36 - Alternative 12&13 V/C and LOS

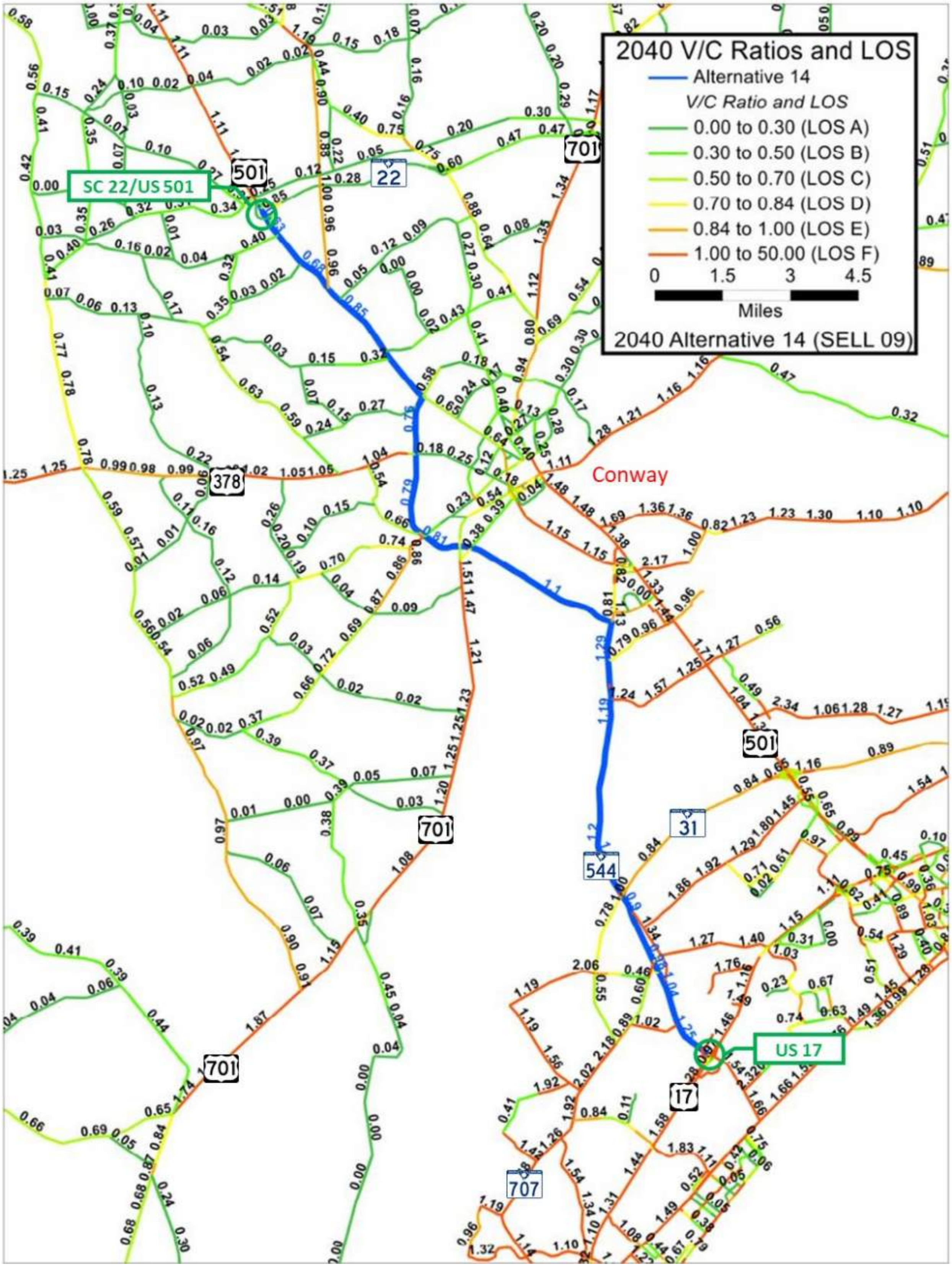


Figure 37 - Alternative 14 V/C and LOS

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and the new alignment section is predicted to continue to generally operate at LOS F with some V/C ratios higher than in the other alternatives that do not incorporate widening along SC 544. The proposed widening of SC 544 attracts sufficient traffic that, even with the additional capacity, traffic volumes will increase such that the overall V/C will be higher. Between the new alignment section and US 501, the improved existing arterial segments are predicted to have lower V/C than in most of the other alternatives due to the new alignment section attracting traffic away from US 501.
- In Alternative 14, US 501 is generally expected to experience reduced V/C from SC 544 to US 378 than in the other SELL Alternatives, but is still anticipated to operate at LOS E or LOS F. The V/C for Alternative 14 along these sections of US 501 are similar to those obtained in Alternatives 7 and 8&9. From US 378 to the SC 22 interchange, US 501 is expected to operate at LOS C to LOS E, with V/C comparable to Alternatives 7 and 8&9, which do not include the additional capacity incorporated into Alternative 14.
- El Bethel Road/Conway Perimeter Road connects the new alignment in Alternative 14 between SC 544 and US 501. This connection is expected to result in increased traffic along the Conway Perimeter Road, with the segments operating at LOS D or LOS E.

In Alternative 14, roadway segments along both US 701 and US 378 generally are expected to operate at LOS F throughout the SELL study area towards Conway Perimeter Road.

6.2.11 Alternative 15 (GSATS SELL Alternative 10)

The Alternative 15 V/C and LOS results are shown in **Figure 38**. Alternative 15 also makes extensive use of existing routes incorporating two additional lanes to the existing lane configuration. Alternative 15 incorporates an approximately three-mile section of a new, six-lane alignment that connects US 501 to the Conway Perimeter Road.

The southern terminus of Alternative 15 is on SC 544 at US 17 Bypass. Alternative 15 continues north on widened SC 544 towards US 501 and to the west along a widened portion of US 501 for less than a mile before the new alignment runs south and then west to connect to a widened Conway Perimeter Road. Where the Conway Perimeter Road intersects US 501, Alternative 15 then coincides with US 501 to the west to its interchange with US 22. The six-lane new alignment section of Alternative 15 is expected to operate at LOS D and LOS E in 2040.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 between US 17 and US 501 is predicted to continue to generally operate at LOS F with some higher V/C ratios than in the other alternatives that do not incorporate widening along SC 544. The Alternative 15 V/C is slightly less than the Alternative 14 V/C along SC 544 except for the segments closest to US 501, which are higher in the absence of the Alternative 14 connector between SC 544 and Conway Perimeter Road. Similar to Alternative 14, the proposed widening of SC 544 in Alternative 15 attracts sufficient traffic that, even with the additional capacity, traffic volumes will increase such that the overall V/C will be higher.
- Similar to Alternative 14, US 501 in Alternative 15 is generally expected to experience reduced V/C from SC 544 to US 378 but is still anticipated to operate at LOS E or LOS F. The reduced V/C is comparable to

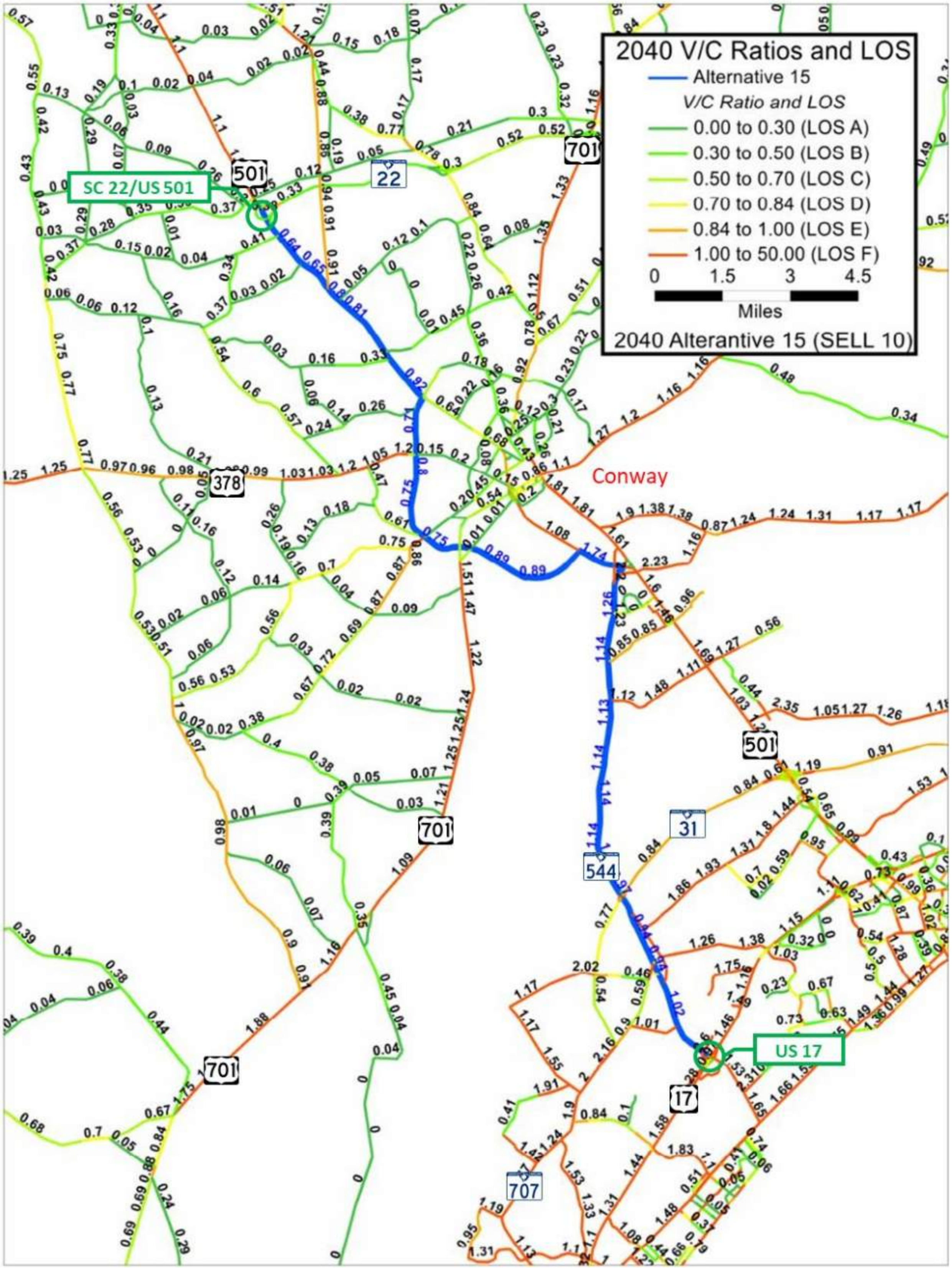


Figure 38 - Alternative 15 V/C and LOS

that estimated in Alternative 14. The V/C for Alternative 15 is also similarly comparable to Alternatives 7 and 8&9, which do not include the additional capacity incorporated into Alternative 15.

- El Bethel Road/Conway Perimeter Road connects the new alignment in Alternative 15 from US 501 near SC 544 and terminates back again at US 501. This connection is expected to result in increased traffic along the Conway Perimeter Road, with the segments operating at LOS D or LOS E, though with slightly lower V/C ratios than are estimated in Alternative 14.

In Alternative 15, roadway segments along both US 701 and US 378 generally are expected to operate at LOS F throughout the SELL study area towards Conway Perimeter Road.

6.2.12 Alternative 16 (GSATS SELL Alternative 11)

The Alternative 16 V/C and LOS results are shown in **Figure 39**. Alternative 16 incorporates only existing arterial roadways with two additional lanes provided to the existing lane configuration. Alternative 16 has no new six-lane, new alignment SELL sections.

The southern terminus of Alternative 16 is on SC 544 at US 17 Bypass. Alternative 16 continues north on widened SC 544 towards US 501 and to the west along a widened portion of US 501 to its interchange with US 22. Alternative 16 does not incorporate sections of the Conway Perimeter Road.

North of US 378, most of the segments are classified as LOS C or LOS D, with the V/C generally decreasing approaching the US 22 interchange.

The LOS for key arterial routes in the SELL study area are as follows:

- SC 544 in Alternative 16 between US 17 and US 501 is predicted to continue to generally operate at LOS F with some higher V/C ratios than in the other alternatives that do not incorporate widening along SC 544. The Alternative 16 V/C is comparable to the Alternative 14 and Alternative 15 V/C along SC 544. Similar to Alternatives 14 and 15, the proposed widening of SC 544 in Alternative 16 attracts sufficient traffic that, even with the additional capacity, traffic volumes will increase such that the overall V/C will be higher.
- Compared to Alternatives 14 and 15, US 501 in Alternative 16 is generally expected to experience higher V/C from SC 544 to El Bethel Road/Conway Perimeter Road and is anticipated to operate at LOS E or LOS F. The higher V/C on these segments is due to the removal of the new alignment connectors that ran parallel to this portion of US 501 and were connected to the Conway Perimeter Road. From El Bethel Road/Conway Perimeter Road, US 501 has slightly lower V/C compared to Alternatives 14 and 15. The V/C for Alternative 16 is also similarly comparable to Alternatives 7 and 8&9, which do not include the additional capacity incorporated into Alternative 15.
- In Alternative 16, El Bethel Road/Conway Perimeter Road no longer connects new alignments that provide additional capacity on a route parallel to US 501. LOS on these segments are comparable to the new alignment alternatives that also did not incorporate a connection to these roads. LOS is anticipated to be LOS C or better in Alternative 16.

In Alternative 16, roadway segments along both US 701 and US 378 generally are expected to operate at LOS F throughout the SELL study area towards Conway Perimeter Road.

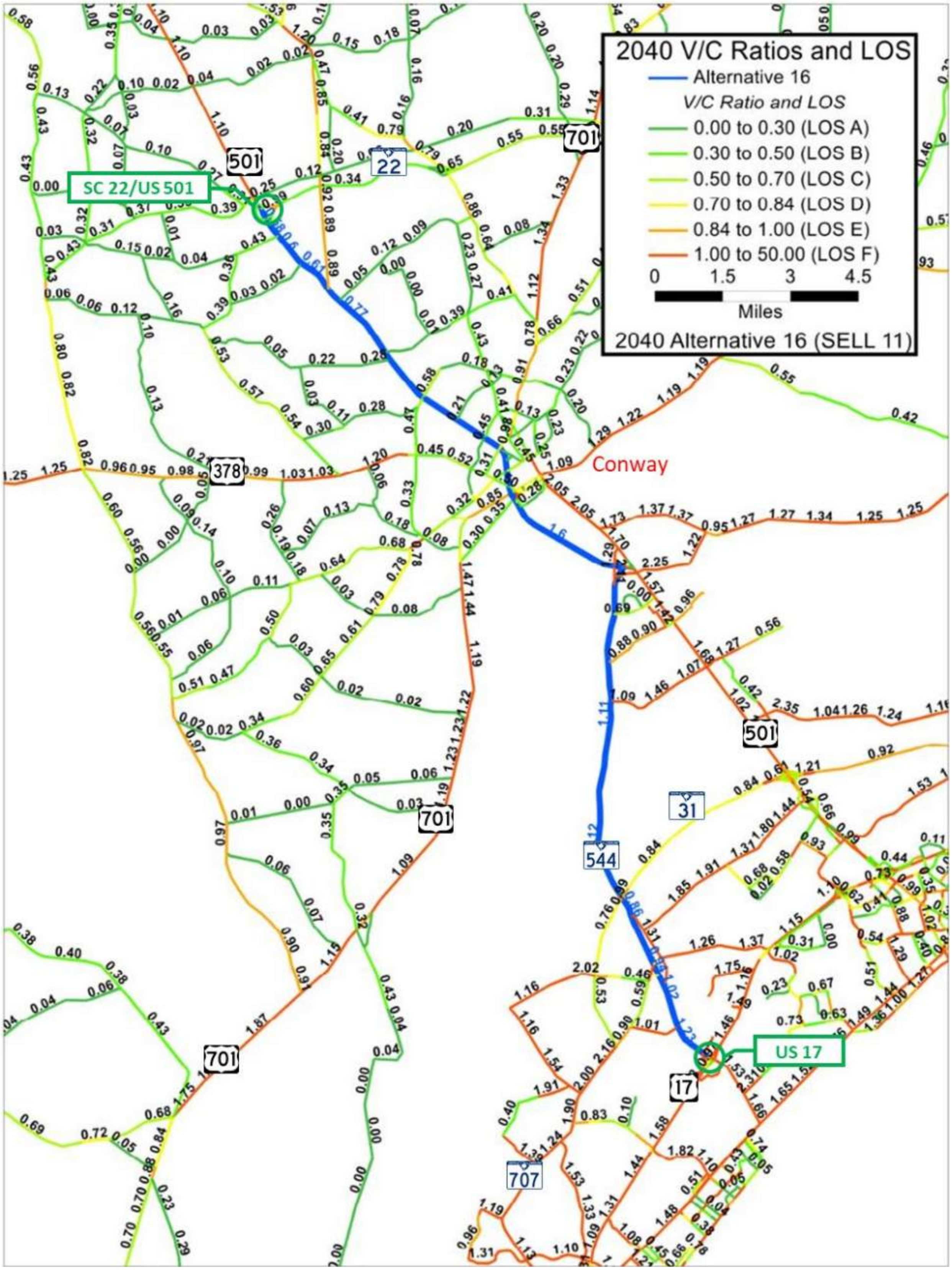


Figure 39 - Alternative 16 V/C and LOS

6.3 Traffic Diversion from Adjacent or Parallel Routes

The diversion of traffic from selected existing roadway links within the GSATS model was evaluated for several of the SELL alternative alignments. The evaluation looked at new SELL alignments based on their geographic location within the SELL study area and looked at the change in 2040 daily volume for the selected existing network segments compared to the 2040 E+C (No-Build) volume assignments on the same links.

For example, since the northern terminus of all the proposed SELL alternatives incorporating roadway facilities on new alignment (Alternatives 1 through 13) is at the US 501/US 22 interchange, it could reasonably be assumed that some level of traffic may be diverted from US 501, resulting in reduced traffic volumes compared to the no-build condition.

The following tables were created to aid in assessing the percentage trip diversion from key existing roadway segments. The rows highlighted in light blue in the tables are the SELL alignment links and their respective volume forecasts. The unhighlighted columns are the SELL alternatives in which the southern terminus occurs on US 17 Bypass (Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13). The two light yellow highlighted columns are the SELL alternatives that begin at SC 31 (Alternatives 7 and 8&9). The three light orange highlighted columns are the SELL alternatives that incorporate improvements to existing roadways with short or no new alignment roadways (Alternatives 14-16).

Table 8 shows the percentage change of selected US 501 segments compared to their no-build assignment volumes. The three sets of SELL volumes are associated with the various SELL alignment alternatives and are for comparison purposes. The US 501 links were selected for comparison against their no-build volumes.

6.3.1 US 501 South of the US 22 Interchange

For the SELL alternatives that have a southern terminus on US 17 Bypass (Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13), the reduction of traffic on US 501 south of the US 22 interchange ranges from 14.6 to 19.1 percent. The greatest reduction in traffic on this section of US 501 occurs in the SELL alternatives that begin at SC 31 (Alternatives 7 and 8&9). Due to these routes being closer to US 501, the reduction in traffic on US 501 south of the US 22 interchange is approximately 50 to 100 percent higher than the other alternatives, with about a 31 percent decrease in traffic projected for this section of US 501 compared to the no-build condition. Alternatives 14-16 all incorporate the capacity of this section of US 501 being increased by two lanes. This results in approximately a 30 to 43 percent increase in traffic along this segment of US 501, with the largest increase occurring in Alternative 14, which provides a direct connection from SC 544 to US 501 via the Conway Perimeter Road.

6.3.2 US 501 at El Bethel Road/Conway Perimeter Road

The links on either side of where El Bethel Road/Conway Perimeter Road intersects US 501 are included in **Table 8**. For Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13, the percentage diversion of traffic from US 501 to the SELL alignments is slightly lower than the segment just south of the US 22 interchange (about 12-13 percent north of El Bethel Road and about seven to nine percent south of El Bethel Road). For Alternatives 7 and 8&9, the diversion from US 501 is higher (between 17 and 21 percent north of El Bethel Road and 16 to 19 percent south of El Bethel Road). For Alternatives 14 and 15, which make use of El Bethel Road/Conway Perimeter Road,

Table 8 - US 501 Traffic Diversion

Segments	SELL_NB	1 SELL_01	2 SELL_02	3 & 5 SELL_03	4 & 6 SELL_04	7 SELL_05	8 & 9 SELL_06	10 & 11 SELL_07	12 & 13 SELL_08	14 SELL_09	15 SELL_10	16 SELL_11
SELL (US 378 to US 501)	-	34,469	35,676	34,294	35,596	35,988	32,361	30,335	31,533	-	-	-
SELL (US 378 to US 701)	-	39,979	40,918	39,125	40,050	41,851	45,630	36,339	37,537	-	-	-
SELL South/East of US 701	-	42,094	44,260	41,035	43,279	67,428	66,857	38,803	41,309	-	-	-
US 501 south of US 22	25,465	21,735	21,636	20,940	20,925	17,696	17,335	20,619	20,590	36,242	34,823	33,155
% change from No-Build	-	-14.6%	-15.0%	-17.8%	-17.8%	-30.5%	-31.9%	-19.0%	-19.1%	42.3%	36.7%	30.2%
US 501 north of El Bethel Rd	29,678	26,170	26,144	25,885	25,852	23,131	24,519	25,894	25,903	48,650	46,194	44,214
% change from No-Build	-	-11.8%	-11.9%	-12.8%	-12.9%	-22.1%	-17.4%	-12.8%	-12.7%	63.9%	55.7%	49.0%
US 501 south of El Bethel Rd	28,154	25,569	25,583	25,651	25,685	22,776	23,593	26,141	26,163	21,696	19,958	39,429
% change from No-Build	-	-9.2%	-9.1%	-8.9%	-8.8%	-19.1%	-16.2%	-7.1%	-7.1%	-22.9%	-29.1%	40.0%
US 501 east of US 701 Interchange	49,349	44,373	44,638	44,422	44,817	36,345	35,742	44,719	45,002	33,490	76,280	70,092
% change from No-Build	-	-10.1%	-9.5%	-10.0%	-9.2%	-26.4%	-27.6%	-9.4%	-8.8%	-32.1%	54.6%	42.0%

Table 9 - SC 544 and SC 31 Traffic Diversions

Segments	SELL_NB	1 SELL_01	2 SELL_02	3 & 5 SELL_03	4 & 6 SELL_04	7 SELL_05	8 & 9 SELL_06	10 & 11 SELL_07	12 & 13 SELL_08	14 SELL_09	15 SELL_10	16 SELL_11
SELL (West of SC 707/SC 544)	-	42,094	44,260	41,035	43,279	67,428	66,857	38,803	41,309	-	-	-
SC 544 south of SELL 7/8&9	38,914	33,367	33,546	33,129	33,384	43,755	43,582	33,270	33,398	60,408	57,682	56,679
% change from No-Build	-	-14.3%	-13.8%	-14.9%	-14.2%	12.4%	12.0%	-14.5%	-14.2%	55.2%	48.2%	45.7%
SC 544 north of SELL 7/8&9	38,914	33,367	33,546	33,129	33,384	35,041	34,236	33,270	33,398	60,408	57,682	56,679
% change from No-Build	-	-14.3%	-13.8%	-14.9%	-14.2%	-10.0%	-12.0%	-14.5%	-14.2%	55.2%	48.2%	45.7%
SC 31 west of SELL 7/8&9	51,622	51,645	50,501	51,357	50,178	51,485	50,757	51,273	50,287	53,019	53,068	52,681
% change from No-Build	-	0.0%	-2.2%	-0.5%	-2.8%	-0.3%	-1.7%	-0.7%	-2.6%	2.7%	2.8%	2.1%
SC 31 east of SELL 7/8&9	51,622	51,645	50,501	51,357	50,178	67,811	67,514	51,273	50,287	53,019	53,068	52,681
% change from No-Build	-	0.0%	-2.2%	-0.5%	-2.8%	31.4%	30.8%	-0.7%	-2.6%	2.7%	2.8%	2.1%

traffic on US 501 is much higher (55 to 64 percent) north of the connection and lower (about 23 to 29 percent) south of the connection. This difference is due to the use of El Bethel Road/Conway Perimeter Road as an element of Alternatives 14 and 15.

For Alternative 16, which includes two additional lanes on US 501 compared to the no-build geometry, the volumes on US 501 on either side of El Bethel Road/Conway Perimeter Road are expected to increase over the no-build volume by almost 50 percent to the north and by 40 percent to the south of the connection.

6.3.3 US 501 East of the US 701 Interchange

US 501 east of the US 701 interchange is projected to experience about a ten percent reduction in traffic volume (compared to no-build volumes) along this portion of US 501 in Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13. Alternatives 7 and 8&9 are projected to result in an approximately 27 percent reduction along the same section of US 501. Alternative 14 is expected to divert approximately 32 percent of the traffic from US 501 due to the connector between SC 544 and Conway Perimeter Road. Alternative 16 is expected to draw a 42 percent increase in traffic as a result of the two additional lanes of capacity provided on US 501.

These US 501 links east of the US 701 interchange are also adjacent to the SELL 15 connector intersection that is summarized in **Table 10** and are described below. In Alternative 15, US 501 west of the SELL 15 connector intersection is predicted to experience a reduction in traffic of about 36 percent as traffic is diverted from US 501 to the connector and the Conway Perimeter Road. East of the SELL 15 connector, traffic is predicted to increase by about 55 percent as a result of the connector roadway and the two additional lanes of capacity provided on US 501 between SC 544 and the connector.

Table 9 on the previous page shows the percentage change of forecast traffic volumes on selected SC 544 and SC 31 segments on either side of where Alternatives 7 and 8&9 intersect those routes.

6.3.4 SC 544 at Alternative 7 and 8&9

Unlike Alternatives 7 and 8&9, Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13 do not cross SC 544. However, traffic volumes on SC 544 in the vicinity of where Alternatives 7 and 8&9 would cross SC 544 were still examined to see the extent of traffic diversion from SC 544 that would occur under Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13. For these alternatives, the reduction of traffic on US 544 in this area was approximately 14 percent.

Alternatives 7 and 8&9 split SC 544 where it intersects. South of the interchange, Alternatives 7 and 8&9 result in a traffic increase of approximately 12 percent on SC 544 compared to the no-build volumes as traffic from the south is attracted to the SELL alternative. North of the interchange, traffic on SC 544 is predicted to decrease between ten and 12 percent. This reduction is due to the diversion of through traffic from SC 544 to these SELL alternatives.

Alternatives 14, 15, and 16 incorporate two additional lanes of capacity on SC 544. In these alternatives, the increase in capacity is forecast to increase traffic on SC 544 in the vicinity of where Alternatives 7 and 8&9 cross by between about 45 to 55 percent.

6.3.5 SC 31 at Alternative 7 and 8&9

The southern terminus of SELL Alternatives 7 and 8&9 is located on SC 31 (Carolina Bays Parkway) between the US 501 and SC 544 interchanges. Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13 are predicted to create a minor reduction (up to three percent compared to the no-build volumes) in traffic on SC 31 with these Alternatives. Alternatives 7 and 8&9 are predicted to result in a small reduction (up to about two percent) in traffic on SC 51 west of the terminus for these alternatives, but are predicted to increase traffic on SC 31 east of the proposed southern terminus of these alternatives by about 31 percent. This increase in traffic is attracted to the proposed SELL alternatives as a shorter time connection to the interchange at SC 501 and US 22 and for other destinations in between.

Alternatives 14, 15, and 16, which incorporate two additional lanes of capacity on SC 544, do not include any capacity changes on SC 31. The additional capacity on SC 544 from these alternatives is predicted to result in a slight increase (between two and three percent) in traffic volumes on SC 31 compared to the no-build volumes.

Table 10 shows the percentage change of forecast traffic volumes on selected SC 544 and US 501 segments where the new alignment segments in Alternatives 14 and 15 are located. In Alternative 14, a new alignment connection is provided between SC 544 and the Conway Perimeter Road. In Alternative 15, a connection is provided from US 501 to the Conway Perimeter Road that incorporates the western part of the Alternative 14 connection.

6.3.6 SC 544 at Alternative 14

SC 544 in the vicinity of the SELL 14 connector intersection is projected to experience a 13 to 14 percent reduction in traffic volume (compared to no-build volumes) as part of Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13. Alternatives 7 and 8&9 are expected to provide a greater reduction of traffic along this section of SC 544 (between 31 and 34 percent) as a result of the location of these alternative alignments and their proposed interchanges with SC 544 drawing traffic away from SC 544.

In Alternative 14, traffic on SC 544 south of the connector is projected to increase by approximately 64 percent because of the additional two lanes of capacity and the connection to Conway Perimeter Road. North of the connector towards US 501, about 20 percent of the traffic is expected to be diverted from SC 544 to the new connector. In Alternatives 15 and 16 which do not include the connection to SC 544, traffic is predicted to increase by about 45 and 43 percent respectively. This is attributable to the additional two lanes of capacity on SC 544.

Alternative 14 is expected to divert approximately 32 percent of the traffic from US 501 due to the connector between SC 544 and Conway Perimeter Road.

6.3.7 US 501 at Alternative 15

US 501 in the vicinity of the SELL 15 connector intersection is projected to experience about a ten percent reduction in traffic volume (compared to no-build volumes) along this portion of US 501 in Alternatives 1, 2, 3&5, 4&6, 10&11, and 12&13. Alternatives 7 and 8&9 are projected to result in an approximately 27 percent reduction along the same section of US 501.

In Alternative 15, US 501 west of the SELL 15 connector intersection is predicted to experience a reduction in traffic of about 36 percent as traffic is diverted from US 501 to the connector and the Conway Perimeter Road.

Table 10 - SC 544 and US 501 Traffic Diversions

Segments	SELL_NB	1 SELL_01	2 SELL_02	3 & 5 SELL_03	4 & 6 SELL_04	7 SELL_05	8 & 9 SELL_06	10 & 11 SELL_07	12 & 13 SELL_08	14 SELL_09	15 SELL_10	16 SELL_11
SELL (East of Conway Perimeter Rd)	-	-	-	-	-	-	-	-	-	55,285	44,821	-
SC 544 south of SELL 14	41,802	36,248	36,379	35,999	36,290	28,609	27,732	36,248	36,398	68,439	60,844	59,772
% change from No-Build	-	-13.3%	-13.0%	-13.9%	-13.2%	-31.6%	-33.7%	-13.3%	-12.9%	63.7%	45.6%	43.0%
SC 544 north of SELL 14	41,802	36,248	36,379	35,999	36,290	28,609	27,732	36,248	36,398	33,409	60,844	59,772
% change from No-Build	-	-13.3%	-13.0%	-13.9%	-13.2%	-31.6%	-33.7%	-13.3%	-12.9%	-20.1%	45.6%	43.0%
US 501 west of SELL 15	49,349	44,373	44,638	44,422	44,817	36,345	35,742	44,719	45,002	33,490	31,459	70,092
% change from No-Build	-	-10.1%	-9.5%	-10.0%	-9.2%	-26.4%	-27.6%	-9.4%	-8.8%	-32.1%	-36.3%	42.0%
US 501 east of SELL 15	49,349	44,373	44,638	44,422	44,817	36,345	35,742	44,719	45,002	33,490	76,280	70,092
% change from No-Build	-	-10.1%	-9.5%	-10.0%	-9.2%	-26.4%	-27.6%	-9.4%	-8.8%	-32.1%	54.6%	42.0%

East of the SELL 15 connector, traffic is predicted to increase by about 55 percent as a result of the connector roadway and the two additional lanes of capacity provided on US 501 between SC 544 and the connector.

Alternative 16, which has no connector, but includes two lanes of additional capacity along US 544 and US 501, is predicted to attract approximately 42 percent more traffic compared to the no-build volumes to this section of US 501.

6.4 Average Travel Time to US 501/SC 22 Interchange

The average travel times for the SELL alternatives between two locations near US 17 Bypass near the termini of the new alignment routes and US 501 north of the SC 22 interchange were prepared from the individual alternative model runs. **Figure 40** illustrates the locations of the two starting points and the termination point with respect to the alignment of Alternative 16 (SELL 11). The locations are:

- SC 544 south of the US 17 Bypass (at node #5002430 at the intersection of SC 544 and Beaver Run Road - shown with a **green star**)
- Holmestown Road south of US 17 Bypass (at node #5002398 at the intersection of Holmestown Road and Hopkins Circle - shown with a **blue star**)
- US 501 north of the SC 22 interchange (at node #5000586 at the intersection of US 501 and Bunson Spring Road/Horry Road – shown with a **red star**).

Table 11 summarizes the 2040 free flow travel times, and AM and PM peak hour congested travel times between the termini for each alternative, including the no-build alternative, as estimated by the model.

Table 11 - Travel Time between US 17 Bypass and US 501/SC 22 Interchange

Travel Time (minutes) to US 501 North of SC 22 Interchange (at Bunson Spring Road/Horry Road - #5000586)													
From Intersection	Period	2040 NB	1 SELL_01	2 SELL_02	3 & 5 SELL_03	4 & 6 SELL_04	7 SELL_05	8 & 9 SELL_06	10 & 11 SELL_07	12 & 13 SELL_08	14 SELL_09	15 SELL_10	16 SELL_11
SC 544 south of US 17 Bypass (at Beaver Run Road - #5002430)	Free	30.1	30.1	30.1	30.1	30.1	26.4	25.7	30.1	30.1	25.9	27.7	26.6
	AM	44.2	36.6	37.1	36.1	36.6	30.6	29.9	37.0	37.4	28.9	32.4	33.7
	PM	115.3	65.5	67.7	64.7	67.1	57.0	56.4	65.0	67.4	66.6	78.5	88.4
Holmestown Road south of US 17 Bypass (at Hopkins Circle - #5002398)	Free	33.4	28.4	28.3	28.2	28.0	29.7	29.0	29.1	29.0	29.2	31.0	29.9
	AM	51.2	29.5	30.3	29.2	29.9	37.4	36.8	30.2	30.8	36.3	39.9	41.2
	PM	129.1	40.0	42.4	39.3	41.9	84.6	84.0	39.7	42.4	98.0	109.6	119.0

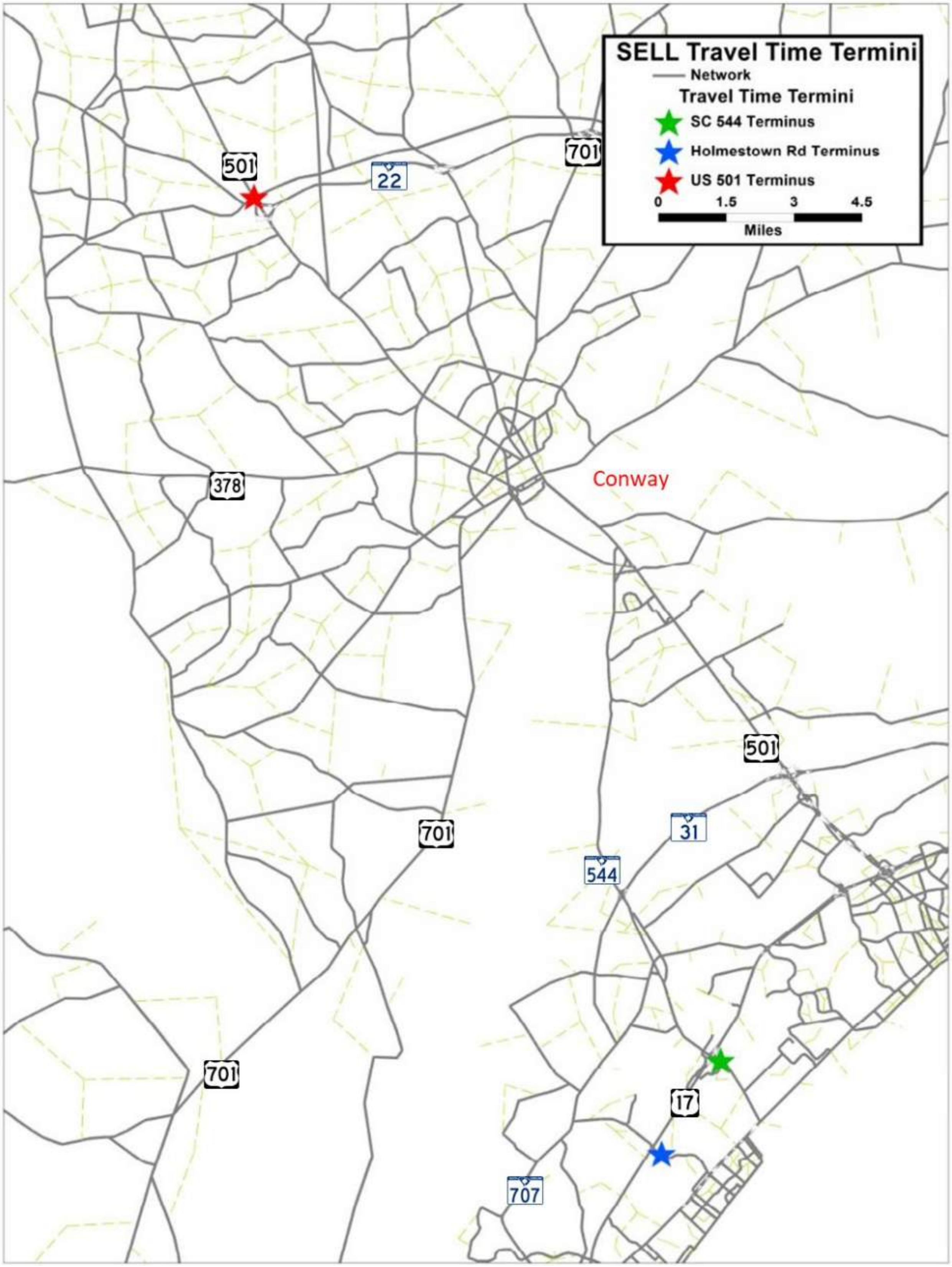


Figure 40 - Travel Time Termini

6.5 Travel Time Profiles

Travel Time profiles can be useful in visually depicting how much distance can be covered over certain periods of time within a certain region. Peak period travel time profiles were developed for the AM and PM peak period periods for the SELL alternatives as a way of visually comparing travel times within the network starting at a common point. The Travel Time bands in the profiles were provided in five-minute increments.

All SELL alternatives do not share the same southern terminus, which would affect direct comparisons of the travel times profiles starting at each alternative's southern terminus. For example, the southern terminus of Alternatives 1, 3&5, and 10&11 begins at US 17 Bypass at Holmestown Road. The southern terminus of Alternatives 2, 4&6, and 12&13 begins to the west of Holmestown Road on US 17 Bypass. The southern terminus of Alternatives 7 and 8&9 begin on SC 31 between the interchanges for US 501 and SC 544. The three alternatives consisting of most or all existing arterials with additional capacity all assume a southern terminus of SC 544 at US 17 Bypass.

For the purposes of developing comparable travel time profiles, a common starting point at SC 544 south of the US 17 Bypass at the intersection of SC 544 and Beaver Run Road was selected to create one set of travel time profiles for the SELL alternatives. This location is consistent with one of the starting points for the travel times from US 17 Bypass to US 501 north of the SC 22 interchange summarized in **Table 11**.

The travel time profile figures are contained in **Appendix J**.

7 Conclusions

The 2040 GSATS model was obtained for use in the analysis of potential SELL alternatives, which were developed from sixteen original alternative alignments. Five pairs of the sixteen individual alternative alignments had segments that differed only slightly that one of the pair of alternatives would reasonably represent both alternatives in the GSATS model, reducing the number of SELL alternatives to be modeled in the GSATS model from sixteen to eleven.

Eight of the modeled eleven SELL alternatives consisted of primarily new alignments (Alternatives 1 through 13). Two of the SELL alternatives consisted of a combination of new segments and improvements to existing network segments (Alternatives 14 and 15). One alternative had no new segments and consisted entirely of improvements made to existing network segments (Alternative 16).

Six of the eight new alignment SELL alternatives had southern termini at US 17 Bypass and incorporated interchanges on SC 707, US 701, and US 378. The other two new alignment SELL alternatives begin at SC 31 and incorporate interchanges at SC 544, US 701, and US 378. All eight new alignment SELL alternatives terminate at a modified interchange at US 501 and SC 22.

The eight new alignment SELL alternatives (Alternatives 1 through 13) are predicted to operate at LOS C or better in 2040 except for the Alternatives 7 and 8&9 that begin on SC 31. The six-lane section between SC 544 and US 701 is projected to operate at LOS F. To improve this future LOS, eight lanes would need to be provided.

The eleven SELL alternatives were coded into the GSATS model and the model run to generate traffic forecasts. In addition to traffic forecasts on the links, turning movement forecasts were also developed to provide insight regarding the number of turn lanes that may be needed at ramp termini and intersections.

A series of MOE were extracted from the traffic forecasts for the eleven SELL alternatives and the No-Build condition, which was based on the 2040 Existing plus Committed GSATS model network. These MOE included VMT, VHT, travel time, speed, and V/C. The V/C were used to assign a LOS to each segment.

The estimated average volume on the eight new alignment SELL alternatives range between 32,700 and 45,100 vehicles per day. The estimated average volume on the three alignments making use of most or all of SC 544, Conway Perimeter Road and US 501 are projected to range between 50,300 and 52,500 vehicles per day.

Of the eight new alignment SELL alternatives, the estimated VMT on those routes range from about 876,000 and 1,133,000 vehicle miles traveled. The estimated VMT on the three alignments making use of SC 544, Conway Perimeter Road and US 501 are projected to range between 1,180,000 and 1,220,000 vehicle miles traveled.

Of the eight new alignment SELL alternatives, the estimated VHT on those routes range from about 15,300 and 18,600 vehicle hours traveled. The estimated VHT on the three alignments making use of SC 544, Conway Perimeter Road and US 501 are projected to range between 39,300 and 53,600 vehicle hours traveled.

Congested travel times measured from two locations south of US 17 Bypass to US 501 north of the US 501 interchange at Bunson Spring Road/Horry Road. From the first location (SC 544 at Beaver Run Road), the AM peak congested travel times were estimated to range from 29.9 to 37.4 minutes for the eight new alignment alternatives (compared to 44.2 minutes for the No-Build condition). The estimated congested AM travel times for the three alignments making use of SC 544, Conway Perimeter Road, and US 501 are estimated to range between 28.9 and 33.7 minutes. The PM peak congested travel times for the eight new alignment alternatives were estimated to range from 56.4 to 67.5 minutes (compared to 115.3 minutes for the No-Build condition). The estimated PM congested travel times for the three alignments making use of SC 544, Conway Perimeter Road, and US 501 are estimated to range between 66.6 to 88.4 minutes.

From the second location (Holmestown Road at Hopkins Circle), the AM peak congested travel times were estimated to range from 29.2 to 37.4 minutes for the eight new alignment alternatives (compared to 51.2 minutes for the No-Build condition). The estimated congested AM travel times for the three alignments making use of SC 544, Conway Perimeter Road, and US 501 are estimated to range between 36.3 and 41.2 minutes. The PM peak congested travel times for the eight new alignment alternatives were estimated to range from 39.3 to 84.6 minutes (compared to 129.1 minutes for the No-Build condition). The estimated PM congested travel times for the three alignments making use of SC 544, Conway Perimeter Road, and US 501 are estimated to range between 98.0 to 119.0 minutes.

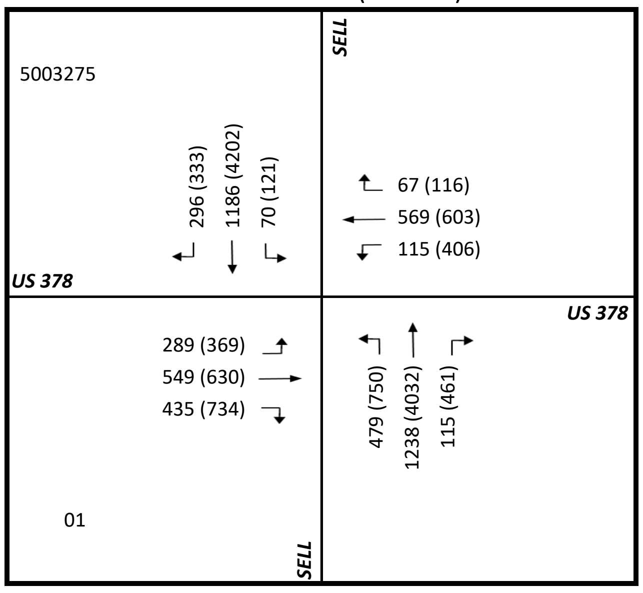
Within the SELL study area, the eight new alignment SELL alternatives are estimated to increase VMT between 9.0 and 10.6 percent. The three alternatives that make use of improvements along the existing arterials of SC 544 and US 501 are estimated to increase VMT in the SELL study area between 4.3 and 6.4 percent. VHT in the SELL study area is estimated to be reduced by approximately 1.9 and 5.1 percent with the eight new alignment SELL alternatives, and between 1.7 and 4.7 percent for the three alternatives that make use of SC 544 and US 501.

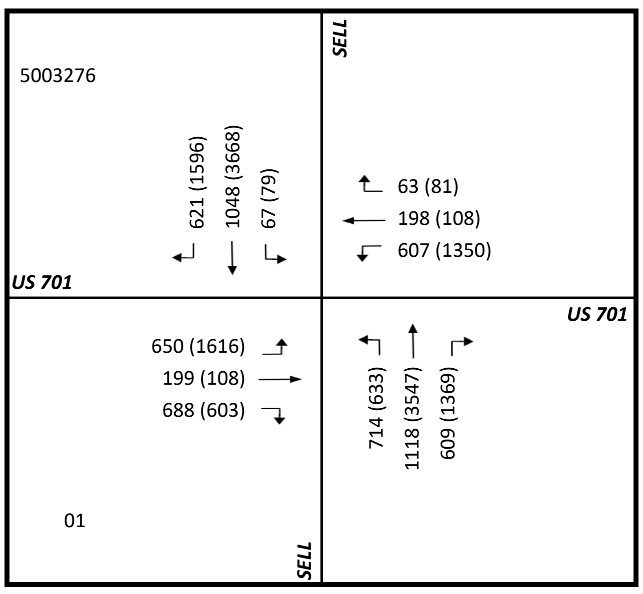
The travel demand modeling has generated useful information to continue investigating the feasibility of the Alternatives.

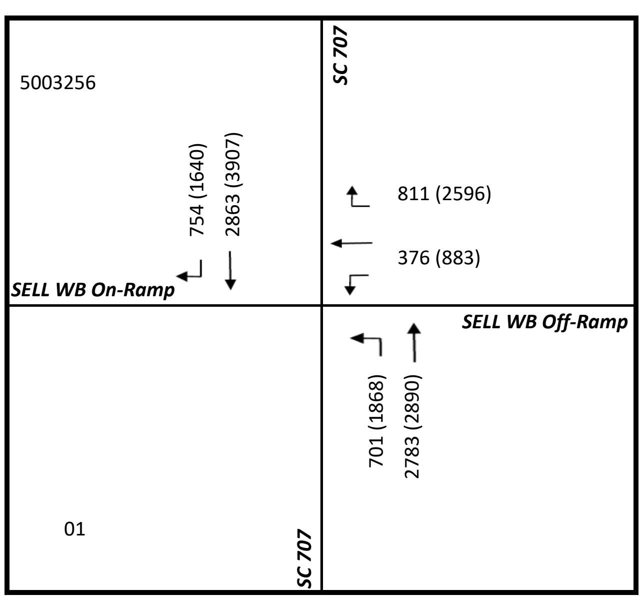
Appendix A—Intersection Flows

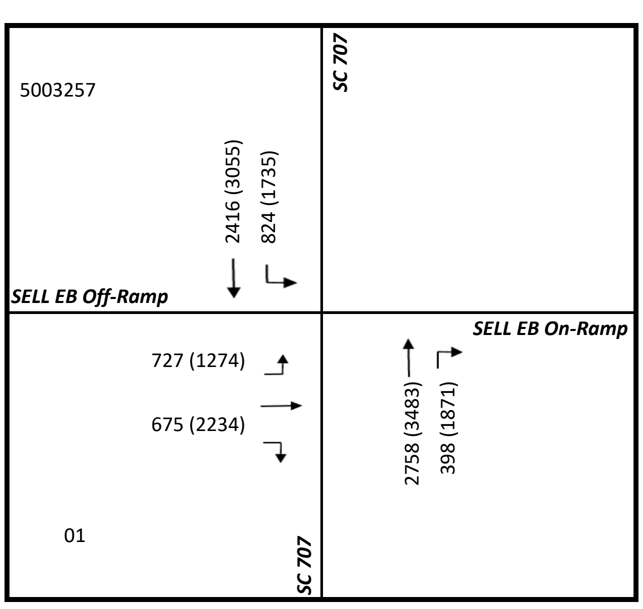
SELL ALTERNATIVES
GSATS Model Predicted Intersection Flow

Alternative 01 (SELL 01)

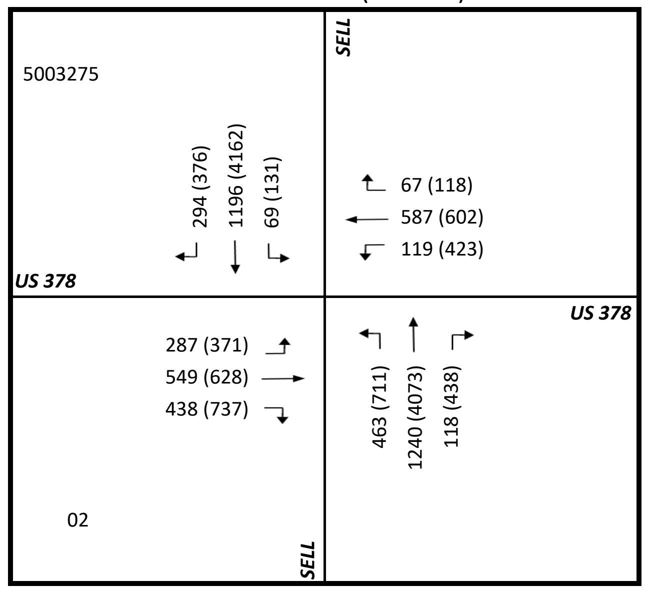


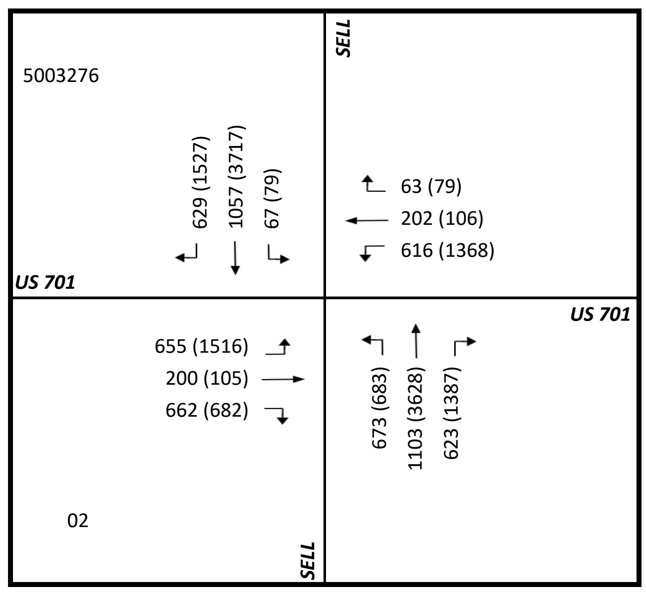


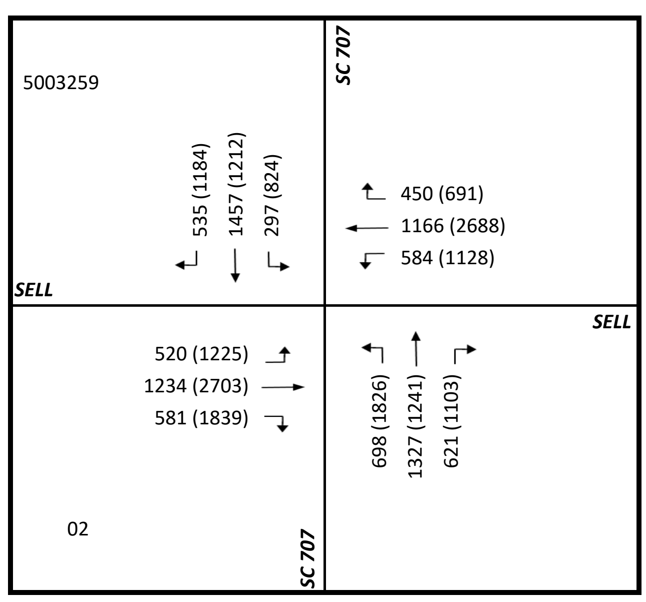


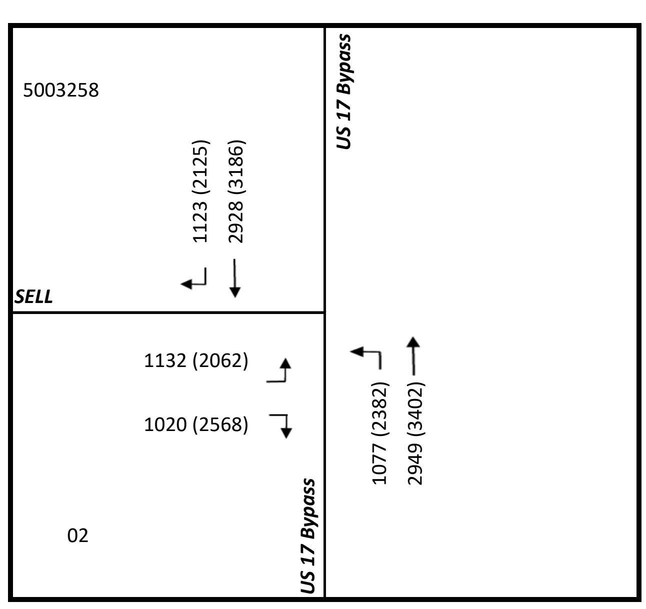


Alternative 02 (SELL 02)

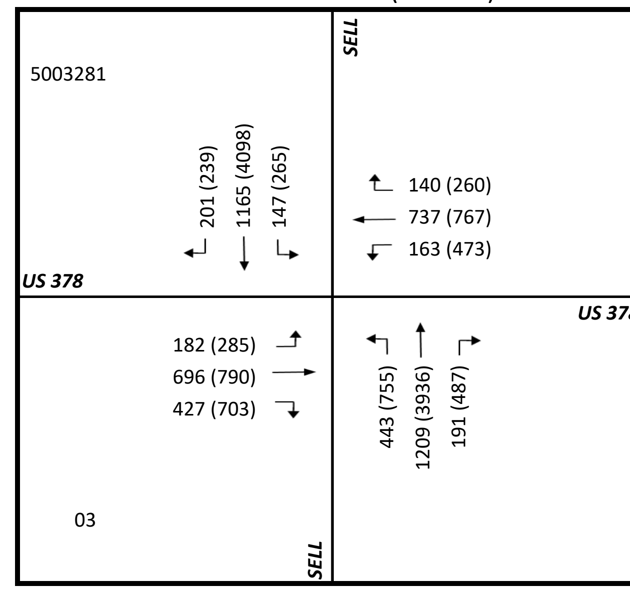


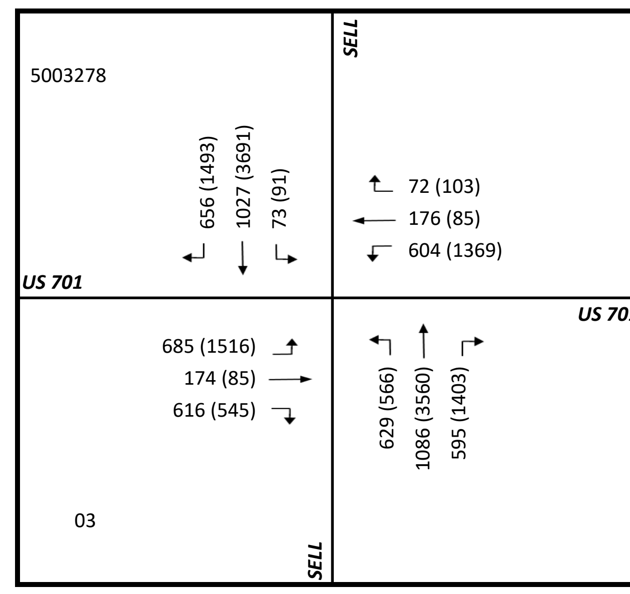


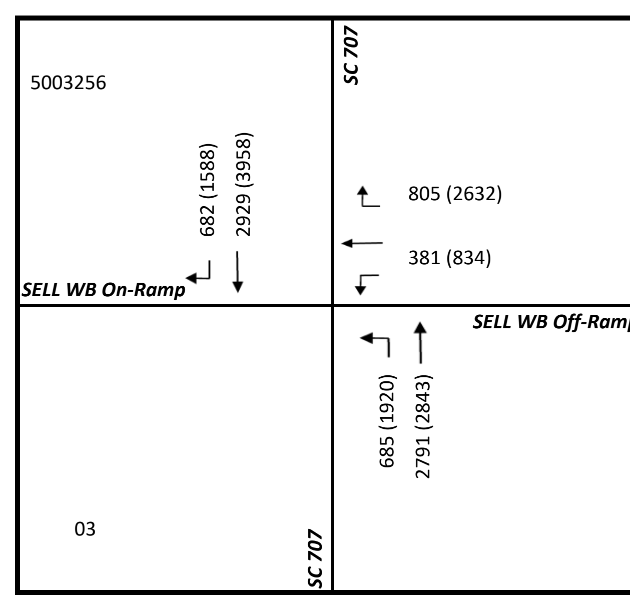


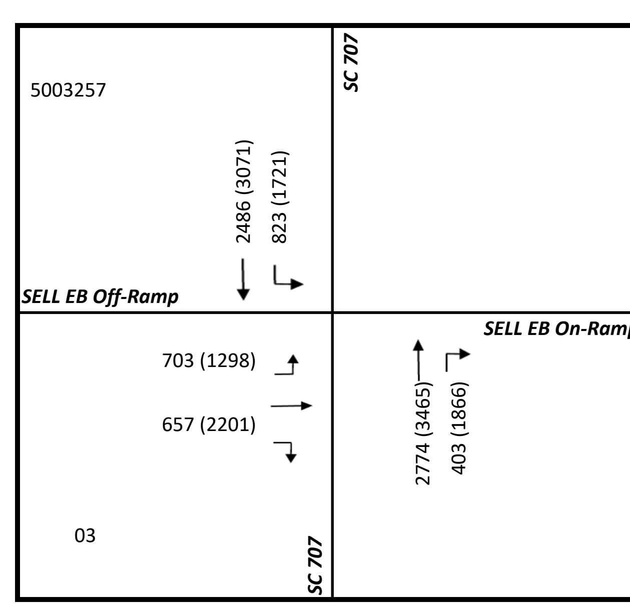


Alternative 03+05 (SELL 03)



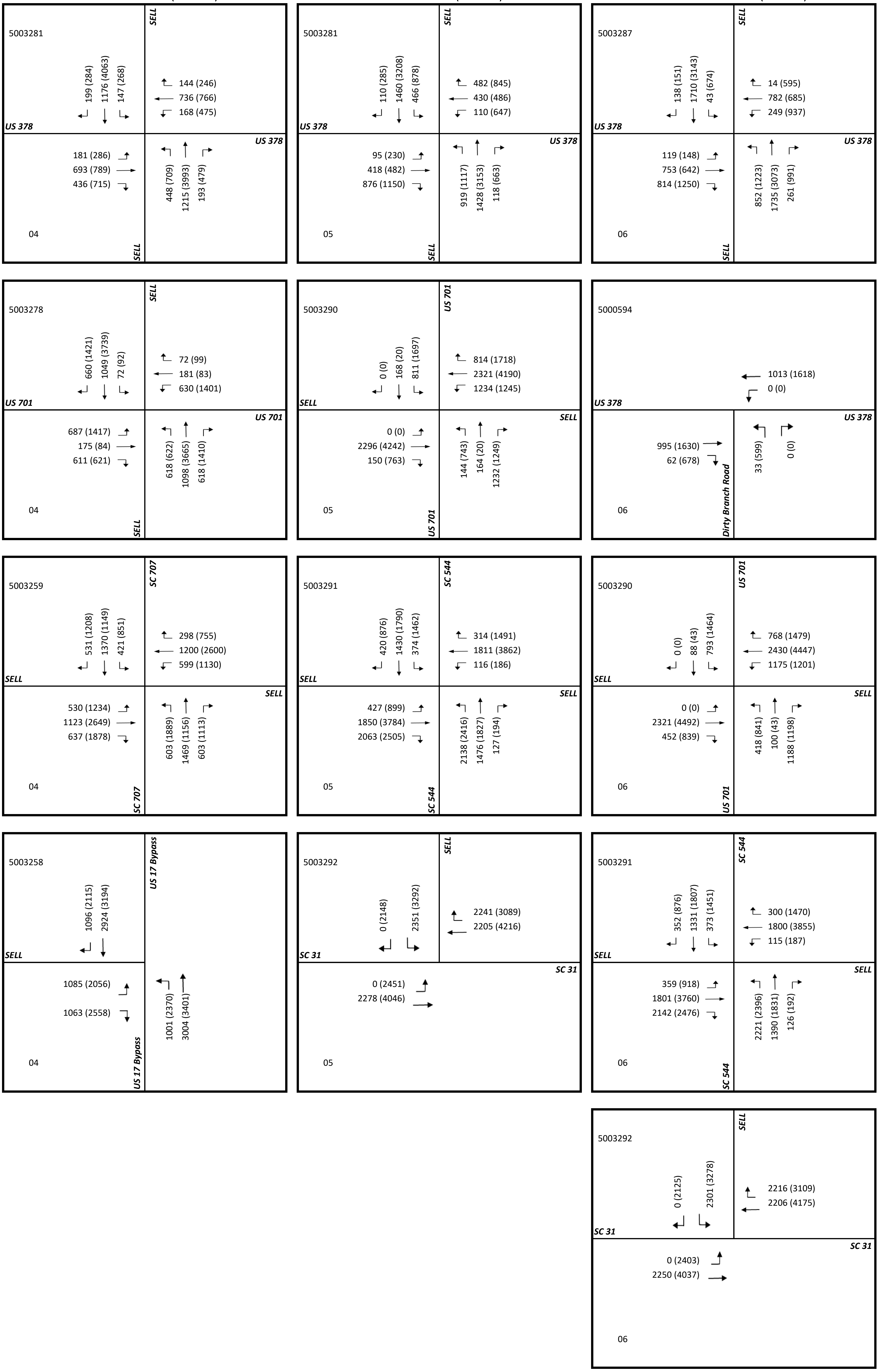




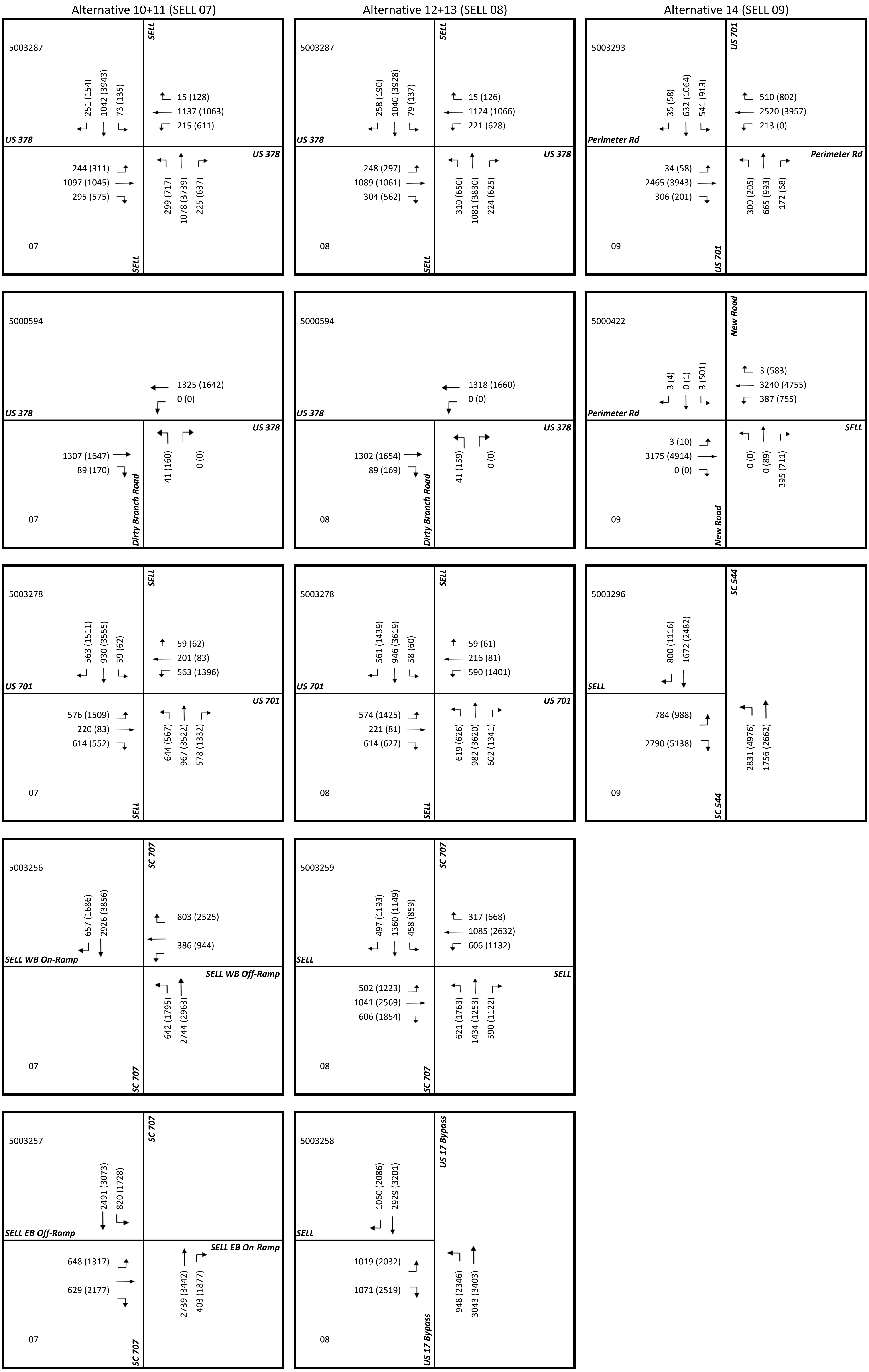


SELL ALTERNATIVES
GSATS Model Predicted Intersection Flow

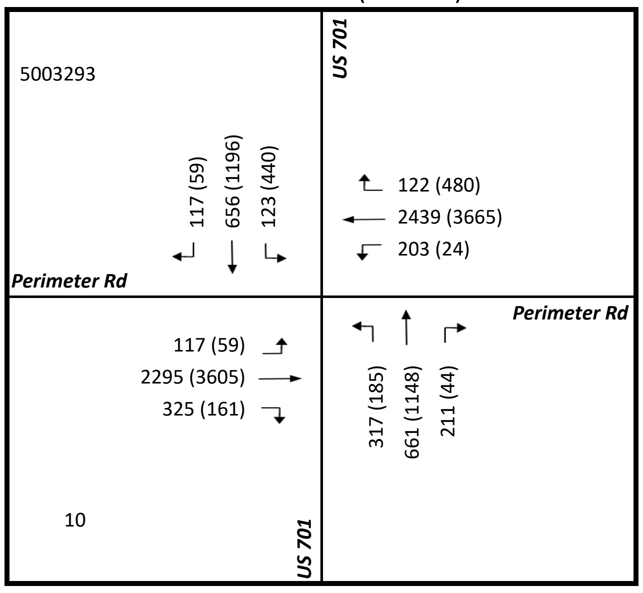
Alternative 04+06 (SELL 04) | Alternative 07 (SELL 05) | Alternative 08+09 (SELL 06)

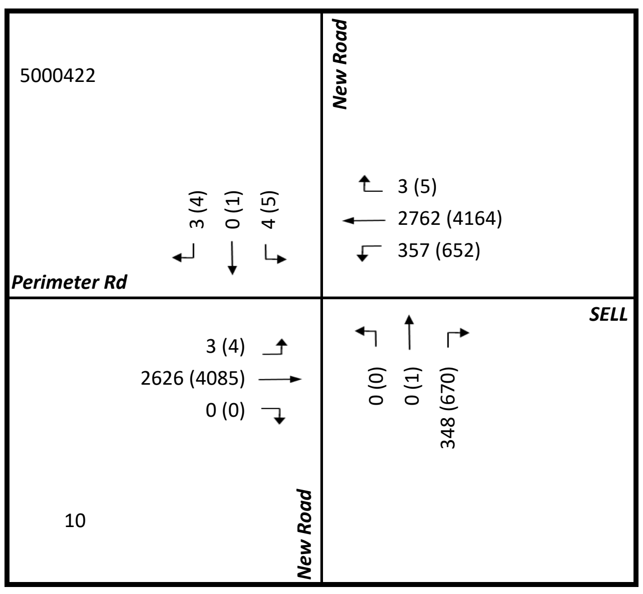


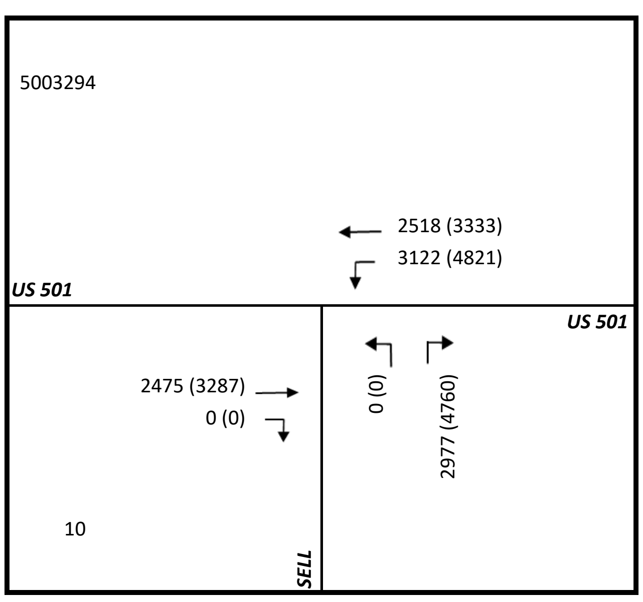
SELL ALTERNATIVES
GSATS Model Predicted Intersection Flow



Alternative 15 (SELL 10)







Alternative 16 (SELL 11)

No SELL Alignment Interchanges or Intersections created in Alternative 16

Appendix B—Total Daily Volumes

SELL ALTERNATIVES
2040 TOTAL DAILY VOLUME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	5,133	9,239	9,337	9,360	9,333	11,733	12,211	9,960	9,985	2,014	2,858	3,410
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL	-	7,582	7,607	7,635	7,697	11,082	10,849	7,359	7,410	-	-	-
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL	-	1,656	1,730	1,725	1,635	651	1,362	2,601	2,575	2,014	2,858	3,410
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	1,675	1,074	1,064	1,068	1,077	1,025	1,068	1,200	1,196	3,452	3,651	3,264
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	6,807	2,730	2,794	2,793	2,712	1,676	2,430	3,801	3,771	5,466	6,509	6,674
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL	-	262	262	51	51	106	75	41	40	-	-	-
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL	-	7,466	7,413	7,512	7,498	10,901	10,440	7,199	7,171	-	-	-
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL	-	17,047	17,613	16,895	17,569	17,748	15,863	14,941	15,533	-	-	-
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL	-	9,581	10,200	9,384	10,072	6,848	5,423	7,742	8,362	-	-	-
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL	-	299	287	93	122	165	124	47	45	-	-	-
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL	-	9,282	9,912	9,290	9,949	6,683	5,299	7,695	8,317	-	-	-
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL	-	9,282	9,912	9,290	9,949	6,683	5,299	7,695	8,317	-	-	-
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	13,901	24,633	26,014	24,880	26,069	17,319	16,029	23,831	24,993	11,815	13,706	14,071
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	7,094	12,621	13,308	12,797	13,408	8,961	8,301	12,335	12,906	6,349	7,197	7,398
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	7,094	2,048	2,109	2,102	2,125	957	1,692	3,180	3,188	6,349	7,197	7,398
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	5,440	2,048	2,109	2,102	2,125	957	1,692	3,180	3,188	2,486	3,220	3,871
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL	-	9,513	9,522	9,614	9,623	11,857	12,132	10,379	10,359	2,486	3,220	3,871
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL	-	10,573	11,199	10,695	11,282	8,004	6,609	9,155	9,718	-	-	-
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL	-	10,835	11,461	10,746	11,333	8,110	6,684	9,197	9,758	-	-	-
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL	-	995	1,005	982	1,003	953	1,035	1,162	1,169	-	-	-
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL	-	9,840	10,456	9,764	10,329	7,158	5,649	8,035	8,589	-	-	-
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL	-	17,422	18,063	17,399	18,027	18,240	16,498	15,394	16,000	-	-	-
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL	-	**34,469**	**35,676**	**34,294**	**35,596**	**35,988**	**32,361**	**30,335**	**31,533**	-	-	-
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	26,151	28,354	28,473	28,321	28,293	28,468	28,139	27,926	27,990	27,403	27,150	27,219
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	32,710	37,857	37,877	37,720	37,627	39,038	39,375	38,507	38,484	33,427	33,274	33,645
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	16,196	18,835	18,836	18,757	18,675	19,429	19,684	19,026	19,030	16,613	16,566	16,743
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	11,064	9,597	9,498	9,397	9,343	7,696	7,473	9,067	9,045	14,599	13,708	13,334
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	12,717	9,597	9,498	9,397	9,343	7,696	7,473	9,067	9,045	18,462	17,685	16,860
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL	-	10,592	10,503	10,379	10,346	8,649	8,508	10,229	10,214	18,462	17,685	16,860
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	12,717	10,891	10,791	10,472	10,469	8,814	8,632	10,275	10,259	18,462	17,685	16,860
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	25,465	21,735	21,636	20,940	20,925	17,696	17,335	20,619	20,590	36,242	34,823	33,155
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	12,748	10,843	10,845	10,468	10,456	8,882	8,703	10,343	10,331	17,780	17,138	16,294
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	11,073	9,769	9,781	9,400	9,379	7,857	7,634	9,143	9,135	14,329	13,488	13,030
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	11,073	9,508	9,519	9,349	9,329	7,751	7,559	9,102	9,095	14,329	13,488	13,030
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	16,513	19,021	19,041	18,963	18,952	19,608	19,691	19,480	19,454	16,815	16,708	16,901
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL	-	**34,469**	**35,676**	**34,294**	**35,596**	**35,988**	-	-	-	-	-	-
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL	-	**34,469**	**35,676**	-	-	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL	-	**39,979**	**40,918**	-	-	-	-	-	-	-	-	-
US 378	6162	US 378 West of SELL Segment F	ALL	-	18,638	18,633	15,829	15,846	15,974	14,550	13,793	13,802	14,264	14,049	13,864
US 378	1235	US 378 East of SELL Segment F	ALL	13,012	10,558	10,650	15,829	15,846	15,974	14,550	13,793	13,802	14,264	14,049	13,864
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL	-	**42,094**	**44,260**	-	-	-	-	-	-	-	-	-
US 701	6164	US 701 West of SELL Segment F	ALL	-	22,612	22,397	20,861	20,707	13,623	14,172	20,711	20,575	12,369	12,478	12,445
US 701	6168	US 701 East of SELL Segment F	ALL	-	13,230	13,553	20,861	20,707	13,623	14,172	20,711	20,575	12,369	12,478	12,445
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL	-	**42,094**	**44,260**	41,035	43,279	-	-	38,803	41,309	-	-	-
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL	-	42,094	-	41,035	-	-	-	**38,803**	-	-	-	-
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL	-	13,425	-	13,574	-	-	-	12,817	-	-	-	-
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL	-	13,788	-	13,929	-	-	-	13,469	-	-	-	-
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL	-	13,533	-	13,239	-	-	-	13,106	-	-	-	-
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL	-	13,568	-	13,208	-	-	-	12,859	-	-	-	-
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	18,088	-	17,323	-	-	-	16,769	-	-	-	-
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	18,088	-	17,323	-	-	-	16,769	-	-	-	-
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL	-	46,084	-	45,971	-	-	-	45,832	-	-	-	-
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL	-	42,579	-	42,479	-	-	-	42,344	-	-	-	-
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL	-	49,985	-	50,037	-	-	-	49,842	-	-	-	-
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL	-	38,970	-	38,240	-	-	-	37,522	-	-	-	-
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	23,594	-	14,855	-	14,736	25,161	25,292	-	14,472	21,357	21,119	20,925
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	22,954	35,349	12,726	34,897	12,612	23,497	23,489	34,657	12,414	20,954	20,735	20,518
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	18,610	30,319	7,971	30,160	7,895	19,142	19,143	29,973	7,738	16,484	16,286	16,074
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	18,610	30,319	7,971	30,160	7,895	19,142	19,143	29,973	7,738	16,484	16,286	16,074
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	1,513	3,288	-	3,183	-	2,617	2,708	2,768	-	952	900	891
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	20,123	33,607	7,971	33,344	7,895	21,759	21,851	32,742	7,738	17,436	17,186	16,965

SELL ALTERNATIVES
2040 TOTAL DAILY VOLUME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	26,152	38,505	14,086	38,310	14,155	27,537	27,634	37,757	14,006	23,726	23,488	23,371
HOLMESTOWN ROAD	**6101**	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	26,152	**38,505**	14,086	**38,310**	14,155	27,537	27,634	**37,757**	14,006	23,726	23,488	23,371
SC 707	1141	SC 707 South of Holmestown Road	ALL	42,463	-	43,884	-	43,555	43,212	43,209	-	43,583	42,953	42,559	42,483
SC 707	718	SC 707 North of Holmestown Road	ALL	48,124	-	48,619	-	48,187	48,929	49,053	-	48,138	47,551	47,064	47,113
SELL ALTERNATIVES	**6142**	**SELL Segment GG between SC 707 and US 17 Bypass**	SELL	-	-	**41,081**	-	**40,513**	-	-	-	**39,647**	-	-	-
SELL ALTERNATIVES	**6143**	**SELL Segment GG west of SC 707**	SELL	-	-	44,260	-	43,279	-	-	-	**41,309**	-	-	-
SC 707	1133	SC 707 South of Segment GG	ALL	30,773	33,136	36,304	33,021	36,066	31,259	31,169	32,989	35,854	31,172	30,864	30,732
SC 707	6141	SC 707 North of Segment GG	ALL	-	33,136	30,217	33,021	30,002	31,259	31,169	32,989	30,167	31,172	30,864	30,732
SELL ALTERNATIVES	6175	**SELL Segment E**	SELL	-	-	-	34,294	35,596	35,988	-	-	-	-	-	-
SELL ALTERNATIVES	6184	**SELL Segment E**	SELL	-	-	-	39,125	40,050	41,851	-	-	-	-	-	-
US 378	6173	US 378 West of SELL Segment E	ALL	-	10,178	10,231	18,515	18,509	19,497	15,371	14,486	14,522	14,879	14,517	14,468
US 378	1219	US 378 East of SELL Segment E	ALL	13,982	10,178	10,231	14,826	14,923	17,046	15,371	14,486	14,522	14,879	14,517	14,468
SELL ALTERNATIVES	6172	**SELL Segment S**	SELL	-	-	-	39,125	40,050	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6170**	**SELL Segment Z**	SELL	-	-	-	**39,125**	**40,050**	-	-	**36,339**	**37,537**	-	-	-
SELL ALTERNATIVES	**6169**	**SELL Segment Z**	SELL	-	-	-	**41,035**	**43,279**	-	-	38,803	41,309	-	-	-
US 701	6168	US 701 West of SELL Segment Z	ALL	-	13,230	13,553	20,861	20,707	13,623	14,172	20,711	20,575	12,369	12,478	12,445
US 701	1277	US 701 East of SELL Segment Z	ALL	12,481	13,230	13,553	13,028	13,377	13,623	14,172	12,629	12,947	12,369	12,478	12,445
SELL ALTERNATIVES	6185	**SELL Segment T**	SELL	-	-	-	-	-	41,851	-	-	-	-	-	-
SELL ALTERNATIVES	6186	**SELL Segment U**	SELL	-	-	-	-	-	**41,851**	-	-	-	-	-	-
SELL ALTERNATIVES	**6188**	**SELL Segment W West of US 701**	SELL	-	-	-	-	-	41,851	**45,630**	-	-	-	-	-
SELL ALTERNATIVES	**6190**	**SELL Segment W East of US 701/West of SC 544**	SELL	-	-	-	-	-	**67,428**	**66,857**	-	-	-	-	-
SELL ALTERNATIVES	**6192**	**SELL Segment W East of SC 544/West of Carolina Bays Parkway**	SELL	-	-	-	-	-	**46,071**	**45,596**	-	-	-	-	-
US 701	1279	US 701 North of SELL Segment U	ALL	13,185	7,604	7,785	6,496	6,700	14,484	12,898	6,012	6,170	13,458	13,514	13,296
US 701	6187	US 701 South of SELL Segment U	ALL	-	7,604	7,785	6,496	6,700	19,229	20,768	6,012	6,170	13,458	13,514	13,296
SC 544	6189	SC 544 North of SELL Segment W	ALL	-	33,367	33,546	33,129	33,384	35,041	34,236	33,270	33,398	60,408	57,682	56,679
SC 544	705	SC 544 South of SELL Segment W	ALL	38,914	33,367	33,546	33,129	33,384	43,755	43,582	33,270	33,398	60,408	57,682	56,679
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	51,622	51,645	50,501	51,357	50,178	51,485	50,757	51,273	50,287	53,019	53,068	52,681
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL	-	51,645	50,501	51,357	50,178	67,811	67,514	51,273	50,287	53,019	53,068	52,681
SELL ALTERNATIVES	**6183**	**SELL Segment D**	**SELL**	-	-	-	-	-	-	32,361	30,335	**31,533**	-	-	-
SELL ALTERNATIVES	**6182**	**SELL Segment D**	**SELL**	-	-	-	-	-	-	45,630	36,339	37,537	-	-	-
US 378	2304	US 378 west of SELL Segment D	SELL	17,635	14,214	14,326	15,570	15,714	11,665	21,509	19,902	19,906	19,515	18,963	17,981
US 378	6181	US 378 east of SELL Segment D	SELL	-	14,214	14,326	15,570	15,714	11,665	17,672	18,411	18,397	19,515	18,963	17,981
US 378	1281	US 378 east of SELL Segment D	SELL	17,738	13,644	13,759	15,033	15,233	11,330	14,799	16,901	16,902	15,160	15,266	17,503
SELL ALTERNATIVES	6180	**SELL Segment I**	SELL	-	-	-	-	-	-	45,630	36,339	37,537	-	-	-
SELL ALTERNATIVES	6179	**SELL Segment L**	SELL	-	-	-	-	-	-	45,630	36,339	37,537	-	-	-
SELL ALTERNATIVES	6193	**SELL Segment Q**	SELL	-	-	-	-	-	-	45,630	-	-	-	-	-
SELL ALTERNATIVES	6178	**SELL Segment R**	SELL	-	-	-	-	-	-	-	36,339	37,537	-	-	-
SELL ALTERNATIVES	6177	**SELL Segment R**	SELL	-	-	-	-	-	-	-	36,339	37,537	-	-	-
SELL ALTERNATIVES	6176	**SELL Segment X**	SELL	-	-	-	-	-	-	-	36,339	37,537	-	-	-
SELL ALTERNATIVES	6199	**SELL Segment O**	SELL	-	-	-	-	-	-	-	-	-	55,285	-	-
SELL ALTERNATIVES	6200	**SELL Segment K**	SELL	-	-	-	-	-	-	-	-	-	55,285	44,821	-
SELL ALTERNATIVES	6197	**SELL Segment M**	SELL	-	-	-	-	-	-	-	-	-	-	44,821	-
Conway Perimeter Road (SELL Segment K)	6206	**Conway Perimeter Road from New Road to US 701**	ALL	-	-	-	-	-	-	-	-	-	45,905	38,988	-
Conway Perimeter Road (SELL Segment H)	6195	**Conway Perimeter Road from US 701 to Cates Bay Highway**	ALL	-	1,960	1,954	1,867	1,848	1,885	1,433	1,833	1,826	40,889	37,916	1,970
Conway Perimeter Road (SELL Segment H)	6204	**Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road**	ALL	-	3,901	3,921	3,696	3,629	3,711	4,203	4,099	4,105	45,118	42,747	9,511
Conway Perimeter Road (SELL Segment H)	6203	**Conway Perimeter Road north of Relocated Dirty Branch Road**	ALL	-	2,811	2,799	2,548	2,523	3,093	2,892	2,095	2,090	39,573	37,600	8,187
Conway Perimeter Road (SELL Segment H)	6205	**Conway Perimeter Road south of US 378**	ALL	-	5,251	5,251	5,098	5,079	5,374	5,029	4,603	4,597	41,559	40,259	10,204
Conway Perimeter Road (SELL Segment H)	4696	**Conway Perimeter Road north of US 378**	ALL	8,671	8,262	8,188	8,313	8,260	9,062	11,917	8,908	8,983	39,286	36,921	12,796
Conway Perimeter Road (SELL Segment H)	4698	**Conway Perimeter Road south of Dunn Short Cut**	ALL	7,581	7,075	7,007	6,730	6,690	7,660	9,578	7,249	7,316	38,400	36,022	11,759
Conway Perimeter Road (SELL Segment H)	1246	**Conway Perimeter Road between Dunn Short Cut and US 501**	ALL	9,248	8,145	8,030	7,917	7,913	8,524	10,731	8,192	8,205	39,958	37,494	13,990
New Road	587	New Road south of Conway Perimeter Road	ALL	2,245	1,043	1,102	1,024	1,099	337	347	1,055	1,113	6,834	5,833	2,625
New Road	1094	New Road north of Conway Perimeter Road	ALL	2,226	1,043	1,102	1,024	1,099	337	347	1,055	1,113	3,251	93	2,597
US 701	6194	US 701 south of Conway Perimeter Road	ALL	-	11,183	11,316	10,019	10,193	13,006	11,265	9,505	9,673	12,266	13,313	15,943
US 701	583	US 701 north of Conway Perimeter Road	ALL	15,876	10,060	10,202	8,995	9,189	12,001	10,707	8,537	8,713	16,964	13,532	14,836
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	9,957	5,860	5,903	5,369	5,504	6,157	8,558	6,382	6,446	13,695	13,770	12,500
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	10,793	5,470	5,558	5,312	5,440	4,954	6,963	6,087	6,169	3,486	2,918	7,555
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL	-	1,090	1,122	1,188	1,147	619	1,450	2,147	2,158	5,680	5,282	1,566
US 378	4694	US 378 west of Conway Perimeter Road	ALL	19,804	15,741	15,859	17,109	17,300	13,210	15,766	18,222	18,233	17,410	17,501	19,693
US 378	632	US 378 east of Conway Perimeter Road	ALL	20,765	11,729	11,901	12,503	12,733	8,225	8,295	13,749	13,803	6,186	4,928	15,255
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	2,326	1,070	1,024	1,188	1,223	863	1,878	2,159	2,240	2,343	2,200	2,435
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	21,764	19,462	19,352	18,742	18,698	15,538	15,025	18,148	18,106	33,795	32,124	30,313

SELL ALTERNATIVES
2040 TOTAL DAILY VOLUME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	4,468	3,012	3,020	3,041	3,067	2,883	3,072	3,301	3,318	3,436	3,560	3,710
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	22,165	19,754	19,655	19,047	19,010	15,750	15,269	18,475	18,440	34,352	32,638	30,821
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	22,198	19,815	19,718	19,142	19,105	15,855	15,359	18,551	18,516	34,442	32,729	30,918
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	106	105	105	141	141	151	137	122	122	137	138	144
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	26,648	22,761	22,711	21,907	21,919	18,576	18,413	21,416	21,433	42,716	40,534	38,552
Enoch Road	1290	Enoch Road north of US 501	ALL	4,499	2,990	3,038	2,812	2,862	2,766	3,098	2,914	2,965	8,274	7,805	7,634
Handwick Road	1697	Handwick Road north of US 501	ALL	188	243	251	223	223	242	373	204	209	437	394	413
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	26,755	22,898	22,858	22,057	22,067	18,752	18,715	21,544	21,565	43,023	40,791	38,827
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	26,320	22,006	21,979	21,618	21,555	18,711	18,858	21,225	21,253	43,210	40,873	39,855
Four Mile Road	2442	Four Mile Road east of US 501	ALL	2,970	2,455	2,427	2,516	2,499	1,830	2,440	2,692	2,695	2,327	2,269	1,728
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	25,781	21,690	21,599	21,364	21,338	19,134	19,572	21,131	21,137	43,707	41,380	39,820
Four Mile Road	1248	Four Mile Road west of US 501	ALL	2,404	2,678	2,730	2,745	2,742	2,371	2,896	3,010	3,004	2,762	2,820	2,381
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	27,334	23,648	23,616	23,406	23,379	20,847	21,794	23,400	23,412	45,770	43,432	41,387
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	29,678	26,170	26,144	25,885	25,852	23,131	24,519	25,894	25,903	48,650	46,194	44,214
Cultra Road	1096	Cultra Road north of US 501	ALL	4,754	4,645	4,683	4,639	4,726	5,967	5,959	4,535	4,544	6,260	6,288	6,226
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	28,154	25,569	25,583	25,651	25,685	22,776	23,593	26,141	26,163	21,696	19,958	39,429
US 501	612	US 501/Church St north of Fox Point Road	ALL	30,393	27,285	27,322	27,266	27,295	23,882	24,448	27,643	27,680	21,968	21,380	41,906
Fox Point Road	613	Fox Point Road east of US 501	ALL	1,399	766	781	661	682	787	985	795	822	2,052	1,908	1,802
US 501	614	US 501/Church St south of Fox Point Road	ALL	31,343	27,231	27,255	27,095	27,099	23,924	24,345	27,360	27,364	22,049	21,221	42,252
US 501	611	US 501/Church St north of Mill Pond Road	ALL	32,536	30,746	30,736	30,763	30,747	26,535	26,671	30,796	30,820	22,778	23,537	45,449
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	30,974	28,949	28,935	28,839	28,824	24,910	24,866	28,845	28,865	21,621	22,684	44,288
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	4,436	3,285	3,262	3,502	3,414	3,354	3,769	3,735	3,714	2,796	2,094	3,908
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	9,117	8,970	8,954	9,286	9,208	8,859	9,132	9,486	9,476	7,856	7,699	8,784
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	31,572	30,899	30,906	30,610	30,598	28,876	28,648	30,672	30,686	29,034	28,835	47,892
16th Avenue	607	16th Avenue south of US 501	ALL	9,091	6,081	6,058	5,687	5,722	5,204	5,031	6,041	6,026	5,195	5,136	7,054
16th Avenue	609	16th Avenue north of US 501	ALL	14,637	13,141	13,023	12,477	12,485	13,537	13,304	12,804	12,817	17,132	15,831	15,668
Pine Street	5708	Pine Street east of US 501	ALL	1,538	2,161	2,138	2,106	2,114	2,060	2,112	2,192	2,179	2,089	1,974	1,979
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	30,034	28,737	28,769	28,505	28,484	26,816	26,535	28,481	28,507	26,946	26,861	45,913
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	29,086	27,569	27,587	27,356	27,322	25,743	25,494	27,219	27,268	25,782	25,834	44,903
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	1,745	1,945	1,975	2,028	2,048	2,095	2,042	2,075	2,071	2,080	1,888	2,023
US 501	605	US 501/Church Street south of 9th Avenue	ALL	30,187	29,903	29,900	29,627	29,583	27,337	26,521	29,329	29,391	27,843	27,603	46,111
9th Avenue	603	9th Avenue west of US 501	ALL	4,646	3,623	3,641	3,598	3,552	4,649	5,146	3,591	3,602	4,660	4,385	4,417
9th Avenue	604	9th Avenue east of US 501	ALL	5,622	5,724	5,719	5,698	5,631	6,284	6,220	5,402	5,425	7,044	6,503	5,933
US 501	600	US 501/Church St north of Wright Blvd	ALL	**30,739**	30,388	30,390	30,111	30,083	28,280	27,329	29,822	29,874	28,906	28,676	**46,656**
US 501	598	US 501/Church St south of Wright Blvd	ALL	34,677	32,286	32,268	32,188	32,395	27,569	26,861	32,522	32,496	27,162	25,777	51,890
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	16,414	10,943	11,164	11,145	11,545	7,145	6,667	11,846	11,941	5,893	5,158	16,708
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	12,443	9,045	9,285	9,068	9,234	7,849	7,108	9,146	9,319	7,610	8,049	11,455
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	35,478	32,685	32,927	32,823	32,991	27,406	27,100	32,870	33,179	25,569	25,454	55,806
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	35,478	32,685	32,927	32,823	32,991	27,406	27,100	32,870	33,179	25,569	25,454	55,806
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	49,349	44,373	44,638	44,422	44,817	36,345	35,742	44,719	45,002	33,490	31,459	70,092
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	49,349	44,373	44,638	44,422	44,817	36,345	35,742	44,719	45,002	33,490	31,459	70,092
US 501	6196	US 501 north of SELL Segment M	ALL	-	44,373	44,638	44,422	44,817	36,345	35,742	44,719	45,002	33,490	31,459	70,092
US 501	594	US 501 south of SELL Segment M	ALL	49,349	44,373	44,638	44,422	44,817	36,345	35,742	44,719	45,002	33,490	76,280	70,092
US 501	571	US 501 west of SC 544	ALL	48,597	43,925	44,078	43,934	44,184	37,802	37,364	44,124	44,362	35,410	75,550	69,359
US 501	573	US 501 EB east of SC 544	ALL	**19,175**	17,293	17,343	17,339	17,368	15,656	15,461	17,455	17,504	15,358	24,910	**23,866**
US 501	5592	US 501 WB east of SC 544	ALL	20,879	18,444	18,436	18,263	18,392	15,490	15,140	18,441	18,486	14,267	31,307	29,847
SC 544	572	SC 544 south of US 501	ALL	15,765	12,210	12,369	12,201	12,417	8,804	8,509	12,284	12,418	7,044	18,898	18,170
SC 544	570	SC 544 north of US 501	ALL	11,942	11,539	11,352	11,386	11,353	10,956	10,918	11,489	11,251	11,241	10,474	11,126
BR 501	2919	BR 501 south of US 501	ALL	20,633	17,024	17,110	16,949	17,085	13,222	12,686	17,159	17,283	11,604	30,325	29,636
BR 501	5595	BR 501 between loop ramps	ALL	20,783	17,335	17,419	17,235	17,437	14,655	14,204	17,435	17,570	13,097	30,325	29,636
BR 501	5593	BR 501 north of US 501	ALL	13,583	12,244	12,355	12,234	12,540	12,047	11,799	12,553	12,415	11,711	18,765	18,279
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	150	312	308	286	352	1,432	1,518	276	287	1,493	-	-
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	7,200	5,092	5,064	5,002	4,896	2,608	2,406	4,882	5,155	1,386	11,560	11,358
US 501	591	US 501 EB east of SC 544	ALL	19,325	17,604	17,651	17,624	17,719	17,088	16,979	17,731	17,791	16,852	24,910	23,866
US 501	5600	US 501 WB east of SC 544	ALL	13,679	13,353	13,372	13,261	13,496	12,882	12,735	13,559	13,331	12,881	19,747	18,489
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	6,571	4,311	4,661	4,490	4,615	947	859	4,427	4,636	136	9,841	9,599
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	9,579	7,366	7,238	7,269	7,425	5,275	5,255	7,403	7,373	7,446	11,572	11,475
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	29,800	25,131	25,382	25,173	25,299	18,879	18,254	25,270	25,433	18,164	49,591	48,853
SC 544	572	SC 544 north of Cox Ferry Road	ALL	15,765	12,210	12,369	12,201	12,417	8,804	8,509	12,284	12,418	7,044	18,898	18,170
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	14,618	12,984	12,940	12,825	13,096	10,688	10,344	13,066	13,071	9,059	14,013	13,392
SC 544	2912	SC 544 south of BR 501	ALL	44,418	38,116	38,322	37,998	38,395	29,567	28,598	38,336	38,504	27,223	63,605	62,245

SELL ALTERNATIVES
2040 TOTAL DAILY VOLUME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	4623	SC 544 north of University Blvd	ALL	44,418	38,116	38,322	37,998	38,395	29,567	28,598	38,336	38,504	27,223	63,605	62,245
SC 544	4614	SC 544 south of University Blvd	ALL	44,340	37,562	37,705	37,393	37,626	30,165	30,385	37,483	37,700	38,079	62,048	60,863
University Blvd	4844	University Blvd east of SC 544	ALL	12,826	13,190	13,118	13,400	13,153	12,114	11,997	13,451	13,412	18,260	13,787	13,451
SC 544	6198	SC 544 north of SELL Segment O	ALL	-	36,248	36,379	35,999	36,290	28,609	27,732	36,248	36,398	33,409	60,844	59,772
SC 544	4620	SC 544 south of SELL Segment O	ALL	41,802	36,248	36,379	35,999	36,290	28,609	27,732	36,248	36,398	68,439	60,844	59,772
SC 544	1114	SC 544 north of Singleton Ridge	ALL	38,522	32,681	32,876	32,402	32,748	24,953	23,995	32,687	32,846	64,931	57,432	56,201
SC 544	1505	SC 544 south of Singleton Ridge	ALL	41,920	36,339	36,443	36,129	36,483	29,136	27,750	36,379	36,486	64,776	60,999	59,944
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	7,143	9,116	9,107	9,205	9,174	9,614	9,532	9,314	9,287	8,505	9,210	9,491
SC 544	4064	SC 544 north of CC 4065	ALL	41,920	36,339	36,443	36,129	36,483	29,136	27,750	36,379	36,486	64,776	60,999	59,944
SC 544	577	SC 544 south of CC 4065	ALL	44,546	37,491	37,702	37,277	37,630	29,979	28,564	37,588	37,656	68,387	63,565	62,107
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	44,546	37,491	37,702	37,277	37,630	29,979	28,564	37,588	37,656	68,387	63,565	62,107
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	39,274	33,147	33,342	32,863	33,154	31,306	30,475	32,998	33,171	59,810	57,010	56,138
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	7,934	8,320	8,156	8,425	8,280	8,304	8,120	8,596	8,312	10,673	9,599	9,349
SC 544	707	SC 544 south of CC 2810 and 89	ALL	38,914	33,367	33,546	33,129	33,384	35,041	34,236	33,270	33,398	60,408	57,682	56,679
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL	-	33,367	33,546	33,129	33,384	35,041	34,236	33,270	33,398	60,408	57,682	56,679
SC 544	705	SC 544 north of CC 57	ALL	38,914	33,367	33,546	33,129	33,384	43,755	43,582	33,270	33,398	60,408	57,682	56,679
SC 544	706	SC 544 south of CC 57	ALL	42,583	37,075	37,237	36,830	37,081	43,424	43,284	36,969	37,096	63,701	61,049	60,064
SC 544	2817	SC 544 south of CC 2904/2818	ALL	44,413	39,306	39,446	39,056	39,291	44,670	44,528	39,200	39,319	65,598	63,041	62,048
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	**46,423**	41,449	41,550	41,206	41,383	46,122	45,977	41,337	41,406	67,519	65,048	**64,014**
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	44,011	37,960	38,026	37,557	37,690	45,059	44,921	37,634	37,679	64,134	61,457	60,605
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	8,677	6,974	7,127	6,876	7,071	7,046	7,012	6,812	6,905	8,878	8,833	8,721
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	2,412	3,489	3,524	3,649	3,694	1,062	1,056	3,704	3,727	3,385	3,591	3,409
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	37,333	34,227	34,174	34,048	33,969	40,877	40,751	34,060	33,956	56,745	54,224	53,472
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	29,598	28,695	28,577	28,636	28,552	35,690	35,272	28,589	28,603	47,846	45,795	45,093
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL	-	35,916	35,657	35,659	35,550	40,696	40,054	35,563	35,557	55,013	53,360	52,662
SC 544	6060	SC 544 between Loop On-Ramp to NB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	36,680	32,115	31,737	31,766	31,541	39,721	39,287	31,545	31,441	51,022	49,213	48,778
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	38,502	34,509	34,255	34,105	34,046	41,880	41,430	33,830	33,917	52,663	50,796	50,356
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	43,034	41,453	41,241	40,946	40,942	47,529	46,862	40,671	40,802	60,195	58,304	57,814
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	7,082	7,221	7,080	7,023	6,999	5,006	4,782	6,974	6,954	7,167	7,565	7,569
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL	-	4,386	4,478	4,447	4,532	1,165	1,373	4,563	4,613	4,797	4,701	4,545
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	7,735	5,532	5,597	5,412	5,417	5,187	5,479	5,472	5,353	8,899	8,429	8,379
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	1,822	2,393	2,518	2,339	2,505	2,159	2,143	2,285	2,476	1,641	1,583	1,578
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	9,394	6,944	6,986	6,841	6,896	5,649	5,432	6,841	6,885	7,532	7,508	7,459
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	51,622	51,645	50,501	51,357	50,178	51,485	50,757	51,273	50,287	53,019	53,068	52,681
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	23,292	21,957	21,239	21,652	20,923	24,204	23,890	21,567	20,899	22,674	22,601	22,607
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	16,210	14,736	14,158	14,629	13,925	19,198	19,108	14,592	13,945	15,507	15,036	15,038
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	50,463	43,892	43,065	43,450	42,473	52,996	52,747	43,243	42,308	49,228	48,273	48,116
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL	-	20,400	19,871	20,180	19,551	24,592	24,485	20,070	19,517	23,530	23,097	23,040
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	24,259	24,787	24,350	24,627	24,083	25,757	25,858	24,634	24,129	28,327	27,797	27,585
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	16,524	19,254	18,753	19,215	18,666	20,570	20,379	19,162	18,776	19,428	19,368	19,206
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	43,034	41,453	41,241	40,946	40,942	47,529	46,862	40,671	40,802	60,195	58,304	57,814
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	33,398	30,338	29,744	29,838	29,373	35,900	35,667	29,484	29,156	49,795	48,071	48,003
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	17,996	18,641	18,600	18,623	18,625	18,876	18,498	18,737	18,718	19,295	19,229	19,229
SC 544	4596	SC 544 south of CC 4595	ALL	32,653	29,412	28,677	28,902	28,310	34,851	34,640	28,537	28,112	49,211	47,538	47,469
SC 544	2901	SC 544 north of 707 Connector	ALL	32,653	29,412	28,677	28,902	28,310	34,851	34,640	28,537	28,112	49,211	47,538	47,469
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	30,461	27,744	26,997	27,307	26,610	32,910	32,727	26,879	26,422	47,516	45,906	45,735
707 Connector	2903	707 Connector west of SC 544	ALL	4,892	3,300	2,893	3,229	2,908	4,490	4,054	3,389	2,911	6,897	6,853	6,821
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	36,907	34,482	33,048	34,078	32,781	38,022	38,152	33,920	32,616	52,382	51,522	51,520
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	14,218	14,846	14,731	14,852	14,727	15,242	14,935	14,909	14,736	15,616	15,497	15,426
SC 544	6069	SC 544 north of CC 4536	ALL	36,907	34,482	33,048	34,078	32,781	38,022	38,152	33,920	32,616	52,382	51,522	51,520
SC 544	4535	SC 544 south of CC 4536	ALL	36,755	34,335	32,864	33,937	32,609	37,834	37,959	33,779	32,444	52,219	51,362	51,358
SC 544	4631	SC 544 north of Big Block Road	ALL	40,104	37,260	35,704	36,846	35,386	41,447	41,515	36,602	35,192	54,607	53,685	53,677
SC 544	983	SC 544 south of Big Block Road	ALL	48,148	45,962	44,139	45,554	43,791	49,383	49,439	45,288	43,587	63,160	62,174	62,146
Big Block Road	4633	Big Block Road west of SC 544	ALL	8,266	8,970	8,713	8,974	8,689	8,160	8,140	8,953	8,680	8,791	8,718	8,697
SC 544	4722	SC 544 east of CC 4912	ALL	**48,710**	46,630	44,837	46,240	44,490	50,117	50,164	46,019	44,330	63,989	63,011	**62,979**
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	48,710	46,630	44,837	46,240	44,490	50,117	50,164	46,019	44,330	63,989	63,011	62,979
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	42,843	41,884	40,874	41,664	40,702	43,665	43,645	41,651	40,723	55,597	55,086	55,073
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	15,420	14,966	14,136	14,784	13,979	15,845	15,956	14,650	13,824	17,855	17,509	17,498
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	22,247	22,337	22,336	22,283	22,281	22,397	22,372	22,248	22,245	22,441	22,393	22,398

Appendix C—Vehicle Miles Traveled

SELL ALTERNATIVES
2040 TOTAL DAILY VEHICLE-MILES TRAVELED (VMT)

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	3,897.90	1,909.28	1,929.69	1,934.39	1,928.67	2,424.80	2,523.47	2,058.32	2,063.53	416.25	590.68	704.64
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL	-	1,384.67	1,389.21	1,394.26	1,405.67	2,023.80	1,981.19	1,343.92	1,353.25	-	-	-
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL	-	915.55	956.39	953.68	903.86	359.81	752.73	1,437.54	1,423.24	1,113.37	1,579.94	1,884.75
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	484.69	310.82	307.84	308.99	311.79	296.56	309.13	347.32	346.14	998.98	1,056.61	944.66
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	1,854.00	743.59	760.91	760.65	738.74	456.36	661.78	1,035.13	1,026.96	1,488.66	1,772.77	1,817.60
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL	-	69.31	69.52	13.51	13.41	28.19	19.99	10.95	10.50	-	-	-
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL	-	5,061.03	5,025.44	5,092.12	5,082.60	7,389.54	7,077.38	4,879.95	4,861.31	-	-	-
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL	-	1,803.46	1,863.32	1,787.39	1,858.70	1,877.63	1,678.21	1,580.64	1,643.28	-	-	-
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL	-	1,345.90	1,432.76	1,318.13	1,414.79	961.89	761.78	1,087.57	1,174.61	-	-	-
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL	-	60.70	58.29	18.93	24.83	33.43	25.16	9.52	9.22	-	-	-
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL	-	3,955.22	4,223.76	3,958.75	4,239.56	2,847.62	2,257.98	3,279.12	3,543.80	-	-	-
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL	-	1,441.54	1,539.41	1,442.82	1,545.17	1,037.86	822.95	1,195.12	1,291.59	-	-	-
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	47,220.33	83,677.61	88,367.76	84,515.79	88,555.31	58,831.47	54,450.67	80,952.84	84,899.99	40,135.46	46,558.75	47,799.52
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	1,222.24	2,174.64	2,292.99	2,204.93	2,310.14	1,543.94	1,430.20	2,125.37	2,223.73	1,094.00	1,240.07	1,274.64
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	1,562.51	451.04	464.58	463.03	468.16	210.75	372.69	700.43	702.18	1,398.58	1,585.31	1,629.51
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	944.53	251.52	259.07	258.21	261.07	117.52	207.83	390.60	391.58	305.37	395.54	475.50
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL	-	483.09	483.55	488.19	488.66	602.12	616.07	527.02	526.03	126.24	163.52	196.57
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL	-	2,456.36	2,601.66	2,484.55	2,621.00	1,859.42	1,535.28	2,126.91	2,257.67	-	-	-
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL	-	734.81	777.29	728.76	768.57	550.03	453.30	623.70	661.76	-	-	-
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL	-	306.48	309.52	302.36	308.95	293.35	318.67	357.76	359.83	-	-	-
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL	-	2,402.45	2,552.94	2,383.92	2,522.01	1,747.60	1,379.28	1,961.75	2,097.12	-	-	-
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL	-	1,895.16	1,964.91	1,892.62	1,960.93	1,984.12	1,794.64	1,674.54	1,740.41	-	-	-
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL	-	**36,982.13**	**38,277.16**	**36,794.16**	**38,191.16**	**38,611.78**	**34,720.48**	**32,546.45**	33,831.40	-	-	-
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	14,970.41	16,231.13	16,299.59	16,212.31	16,196.18	16,296.36	16,107.96	15,986.04	16,022.82	15,686.96	15,541.79	15,581.52
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	2,327.36	2,693.58	2,695.00	2,683.88	2,677.23	2,777.61	2,801.60	2,739.85	2,738.23	2,378.43	2,367.51	2,393.89
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	547.84	637.10	637.10	634.45	631.68	657.19	665.79	643.56	643.69	561.92	560.34	566.34
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	2,014.72	1,747.54	1,729.61	1,711.16	1,701.32	1,401.46	1,360.82	1,651.03	1,647.11	2,658.43	2,496.23	2,428.07
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	1,179.64	890.18	881.05	871.65	866.64	713.89	693.19	841.02	839.03	1,712.55	1,640.46	1,563.98
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL	-	1,486.60	1,474.16	1,456.67	1,452.09	1,213.87	1,194.09	1,435.58	1,433.51	2,591.16	2,482.10	2,366.38
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	5,370.27	3,070.68	3,042.35	2,952.50	2,951.50	2,484.91	2,433.69	2,897.05	2,892.45	5,205.14	4,986.05	4,753.59
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	4,917.46	4,197.19	4,178.02	4,043.78	4,040.84	3,417.20	3,347.47	3,981.70	3,976.08	6,998.74	6,724.73	6,402.51
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	1,302.62	1,108.05	1,108.17	1,069.70	1,068.51	907.61	889.28	1,056.95	1,055.64	1,816.90	1,751.31	1,665.06
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	3,545.61	3,128.27	3,131.95	3,010.12	3,003.29	2,515.96	2,444.60	2,927.76	2,924.96	4,588.13	4,318.82	4,172.40
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	2,776.49	2,384.08	2,386.76	2,344.37	2,339.12	1,943.51	1,895.40	2,282.30	2,280.54	3,592.86	3,381.98	3,267.32
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	954.11	1,099.02	1,100.16	1,095.67	1,094.99	1,132.94	1,137.72	1,125.55	1,124.02	971.52	965.34	976.53
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL	-	52,543.35	54,383.29	52,276.28	54,261.12	54,858.72	-	-	-	-	-	-
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL	-	**131,267.87**	135,864.56	-	-	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL	-	**492,991.39**	**504,578.56**	-	-	-	-	-	-	-	-	-
US 378	6162	US 378 West of SELL Segment F	ALL	-	2,976.54	2,975.74	2,527.94	2,530.59	2,551.09	2,323.67	2,202.72	2,204.22	2,278.00	2,243.67	2,214.07
US 378	1235	US 378 East of SELL Segment F	ALL	8,549.07	5,250.78	5,296.52	7,872.08	7,880.33	7,944.17	7,235.95	6,859.34	6,864.01	7,093.74	6,986.85	6,894.66
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL	-	71,788.28	75,482.44	-	-	-	-	-	-	-	-	-
US 701	6164	US 701 West of SELL Segment F	ALL	-	8,697.93	8,615.35	8,024.33	7,965.19	5,240.41	5,451.52	7,966.57	7,914.54	4,757.73	4,799.85	4,786.92
US 701	6168	US 701 East of SELL Segment F	ALL	-	6,794.44	6,960.19	10,712.93	10,633.97	6,996.24	7,278.09	10,635.82	10,566.36	6,351.84	6,408.07	6,390.80
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL	-	**195,531.64**	**205,593.51**	190,610.12	201,032.51	-	-	180,245.08	191,884.83	-	-	-
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL	-	44,010.26	-	42,902.52	-	-	-	**40,569.56**	-	-	-	-
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL	-	1,301.63	-	1,316.07	-	-	-	1,242.68	-	-	-	-
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL	-	1,597.63	-	1,613.91	-	-	-	1,560.69	-	-	-	-
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL	-	1,258.50	-	1,231.20	-	-	-	1,218.82	-	-	-	-
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL	-	1,763.35	-	1,716.54	-	-	-	1,671.13	-	-	-	-
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	1,908.01	-	1,827.35	-	-	-	1,768.86	-	-	-	-
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	1,675.03	-	1,604.22	-	-	-	1,552.87	-	-	-	-
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL	-	6,916.66	-	6,899.69	-	-	-	6,878.95	-	-	-	-
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL	-	4,011.87	-	4,002.45	-	-	-	3,989.69	-	-	-	-
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL	-	31,198.60	-	31,230.48	-	-	-	31,109.16	-	-	-	-
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL	-	9,878.05	-	9,692.99	-	-	-	9,510.98	-	-	-	-
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	8,019.65	-	5,049.43	-	5,008.85	8,552.48	8,596.88	-	4,918.97	7,259.43	7,178.49	7,112.51
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	6,267.27	9,651.56	3,474.66	9,528.07	3,443.56	6,415.48	6,413.44	9,462.73	3,389.41	5,721.10	5,661.31	5,602.28
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	6,001.99	9,778.25	2,570.80	9,727.27	2,546.40	6,173.52	6,174.00	9,666.88	2,495.57	5,316.31	5,252.53	5,184.25
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	5,039.84	8,210.74	2,158.69	8,167.93	2,138.20	5,183.87	5,184.27	8,117.22	2,095.52	4,464.07	4,410.52	4,353.19
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	1,076.33	2,338.61	-	2,263.99	-	1,861.35	1,926.08	1,968.85	-	676.88	640.15	633.33
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	5,317.33	8,880.21	2,106.25	8,810.71	2,086.26	5,749.53	5,773.98	8,651.58	2,044.62	4,607.13	4,541.24	4,482.76
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	11,087.89	16,325.10	5,972.33	16,242.70	6,001.28	11,674.87	11,716.30	16,008.06	5,938.23	10,059.41	9,958.13	9,908.88
HOLMESTOWN ROAD	**6101**	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	1,468.09	**2,161.52**	790.76	**2,150.61**	794.60	1,545.80	1,551.29	**2,119.54**	786.25	1,331.91	1,318.50	1,311.98

SELL ALTERNATIVES
2040 TOTAL DAILY VEHICLE-MILES TRAVELED (VMT)

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 707	1141	SC 707 South of Holmestown Road	ALL	8,397.45	-	8,678.35	-	8,613.33	8,545.47	8,545.01	-	8,618.93	8,494.39	8,416.42	8,401.32
SC 707	718	SC 707 North of Holmestown Road	ALL	32,299.01	-	32,631.38	-	32,341.29	32,839.03	32,922.20	-	32,308.24	31,914.71	31,587.75	31,620.52
SELL ALTERNATIVES	6142	**SELL Segment GG between SC 707 and US 17 Bypass**	SELL	-	-	84,860.60	-	83,688.51	-	-	-	81,899.42	-	-	-
SELL ALTERNATIVES	6143	**SELL Segment GG west of SC 707**	SELL	-	-	33,355.60	-	32,615.62	-	-	-	31,131.49	-	-	-
SC 707	1133	SC 707 South of Segment GG	ALL	23,009.01	13,313.43	14,586.46	13,267.32	14,490.81	12,559.41	12,523.34	13,254.61	14,405.86	12,524.64	12,400.84	12,347.53
SC 707	6141	SC 707 North of Segment GG	ALL	-	11,461.99	10,452.34	11,422.29	10,377.93	10,812.83	10,781.78	11,411.35	10,435.17	10,782.90	10,676.31	10,630.41
SELL ALTERNATIVES	6175	**SELL Segment E**	SELL	-	-	-	126,922.43	131,741.45	133,192.39	-	-	-	-	-	-
SELL ALTERNATIVES	6184	**SELL Segment E**	SELL	-	-	-	186,104.01	190,504.01	199,069.74	-	-	-	-	-	-
US 378	6173	US 378 West of SELL Segment E	ALL	-	6,039.25	6,070.40	10,985.53	10,982.11	11,568.18	9,119.97	8,595.19	8,616.40	8,828.16	8,613.23	8,584.30
US 378	1219	US 378 East of SELL Segment E	ALL	12,836.56	3,305.49	3,322.54	4,814.74	4,846.18	5,535.76	4,991.67	4,704.44	4,716.06	4,831.96	4,714.32	4,698.48
SELL ALTERNATIVES	6172	**SELL Segment S**	SELL	-	-	-	266,613.70	272,917.16	-	-	-	-	-	-	-
SELL ALTERNATIVES	6170	**SELL Segment Z**	SELL	-	-	-	14,064.69	14,397.22	-	-	13,063.10	13,493.78	-	-	-
SELL ALTERNATIVES	6169	**SELL Segment Z**	SELL	-	-	-	77,872.27	82,130.25	-	-	73,637.71	78,393.04	-	-	-
US 701	6168	US 701 West of SELL Segment Z	ALL	-	6,794.44	6,960.19	10,712.93	10,633.97	6,996.24	7,278.09	10,635.82	10,566.36	6,351.84	6,408.07	6,390.80
US 701	1277	US 701 East of SELL Segment Z	ALL	16,116.96	5,200.44	5,327.31	5,120.81	5,258.05	5,354.90	5,570.63	4,964.04	5,089.08	4,861.68	4,904.72	4,891.50
SELL ALTERNATIVES	6185	**SELL Segment T**	SELL	-	-	-	-	-	32,872.46	-	-	-	-	-	-
SELL ALTERNATIVES	6186	**SELL Segment U**	SELL	-	-	-	-	-	90,252.00	-	-	-	-	-	-
SELL ALTERNATIVES	6188	**SELL Segment W West of US 701**	SELL	-	-	-	-	-	19,791.67	21,579.06	-	-	-	-	-
SELL ALTERNATIVES	6190	**SELL Segment W East of US 701/West of SC 544**	SELL	-	-	-	-	-	221,786.57	219,910.67	-	-	-	-	-
SELL ALTERNATIVES	6192	**SELL Segment W East of SC 544/West of Carolina Bays Parkway**	SELL	-	-	-	-	-	115,412.08	114,224.33	-	-	-	-	-
US 701	1279	US 701 North of SELL Segment U	ALL	17,338.82	4,097.73	4,195.25	3,500.54	3,610.74	7,805.43	6,950.72	3,240.13	3,325.27	7,252.79	7,282.83	7,165.37
US 701	6187	US 701 South of SELL Segment U	ALL	-	5,901.32	6,041.77	5,041.28	5,199.99	14,923.83	16,118.12	4,666.26	4,788.86	10,445.07	10,488.33	10,319.17
SC 544	6189	SC 544 North of SELL Segment W	ALL	-	5,389.06	5,417.97	5,350.58	5,391.75	5,659.33	5,529.36	5,373.35	5,394.03	9,756.22	9,316.08	9,154.00
SC 544	705	SC 544 South of SELL Segment W	ALL	48,165.38	35,911.39	36,104.04	35,654.94	35,929.32	47,091.38	46,904.90	35,806.71	35,944.53	65,013.08	62,080.07	61,000.03
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	197,880.94	128,189.82	125,350.30	127,474.26	124,548.78	127,792.67	125,985.56	127,266.63	124,819.60	131,600.74	131,720.95	130,762.28
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL	-	69,779.22	68,233.55	69,389.71	67,797.25	91,621.62	91,220.67	69,276.69	67,944.67	71,635.93	71,701.37	71,179.52
SELL ALTERNATIVES	6183	**SELL Segment D**	**SELL**	-	-	-	-	-	-	177,579.71	166,460.56	173,032.50	-	-	-
SELL ALTERNATIVES	6182	**SELL Segment D**	**SELL**	-	-	-	-	-	-	36,060.83	28,717.87	29,664.68	-	-	-
US 378	2304	US 378 west of SELL Segment D	SELL	3,669.76	2,359.51	2,378.05	2,584.63	2,608.43	1,936.30	3,570.37	3,303.69	3,304.31	3,239.43	3,147.83	2,984.86
US 378	6181	US 378 east of SELL Segment D	SELL	-	598.41	603.11	655.50	661.54	491.08	743.98	775.09	774.50	821.57	798.34	757.01
US 378	1281	US 378 east of SELL Segment D	SELL	13,064.12	10,048.78	10,133.09	11,071.52	11,218.71	8,344.31	10,899.18	12,447.27	12,448.40	11,165.20	11,243.48	12,890.74
SELL ALTERNATIVES	6180	**SELL Segment I**	SELL	-	-	-	-	-	-	79,244.04	63,107.81	65,188.45	-	-	-
SELL ALTERNATIVES	6179	**SELL Segment L**	SELL	-	-	-	-	-	-	135,388.25	107,819.53	111,374.30	-	-	-
SELL ALTERNATIVES	6193	**SELL Segment Q**	SELL	-	-	-	-	-	-	57,683.14	-	-	-	-	-
SELL ALTERNATIVES	6178	**SELL Segment R**	SELL	-	-	-	-	-	-	-	44,575.86	46,045.51	-	-	-
SELL ALTERNATIVES	6177	**SELL Segment R**	SELL	-	-	-	-	-	-	-	104,771.82	108,226.11	-	-	-
SELL ALTERNATIVES	6176	**SELL Segment X**	SELL	-	-	-	-	-	-	-	100,375.02	103,684.35	-	-	-
SELL ALTERNATIVES	6199	**SELL Segment O**	SELL	-	-	-	-	-	-	-	-	-	121,957.17	-	-
SELL ALTERNATIVES	6200	**SELL Segment K**	SELL	-	-	-	-	-	-	-	-	-	74,756.63	60,607.19	-
SELL ALTERNATIVES	6197	**SELL Segment M**	SELL	-	-	-	-	-	-	-	-	-	-	64,624.21	-
Conway Perimeter Road (SELL Segment K)	6206	**Conway Perimeter Road from New Road to US 701**	ALL	-	-	-	-	-	-	-	-	-	11,788.42	10,012.15	-
Conway Perimeter Road (SELL Segment H)	6195	**Conway Perimeter Road from US 701 to Cates Bay Highway**	ALL	-	1,700.94	1,695.91	1,620.72	1,603.95	1,635.84	1,243.76	1,590.65	1,584.63	35,491.97	32,910.65	1,710.35
Conway Perimeter Road (SELL Segment H)	6204	**Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road**	ALL	-	602.59	605.73	570.90	560.62	573.28	649.21	633.13	634.09	6,969.59	6,603.35	1,469.28
Conway Perimeter Road (SELL Segment H)	6203	**Conway Perimeter Road north of Relocated Dirty Branch Road**	ALL	-	3,408.19	3,393.53	3,089.27	3,058.67	3,749.07	3,506.07	2,539.52	2,533.38	47,973.71	45,581.80	9,924.73
Conway Perimeter Road (SELL Segment H)	6205	**Conway Perimeter Road south of US 378**	ALL	-	3,098.66	3,098.63	3,008.22	2,997.26	3,171.42	2,967.47	2,715.95	2,712.60	24,523.42	23,756.36	6,021.11
Conway Perimeter Road (SELL Segment H)	4696	**Conway Perimeter Road north of US 378**	ALL	1,700.22	1,620.14	1,605.59	1,630.10	1,619.75	1,777.01	2,336.78	1,746.74	1,761.48	7,703.43	7,239.75	2,509.06
Conway Perimeter Road (SELL Segment H)	4698	**Conway Perimeter Road south of Dunn Short Cut**	ALL	6,531.18	6,094.93	6,036.60	5,797.69	5,763.48	6,599.54	8,251.64	6,245.39	6,302.77	33,081.75	31,033.29	10,130.45
Conway Perimeter Road (SELL Segment H)	1246	**Conway Perimeter Road between Dunn Short Cut and US 501**	ALL	2,204.13	1,941.10	1,913.86	1,886.93	1,885.82	2,031.38	2,557.43	1,952.26	1,955.39	9,522.86	8,935.82	3,334.26
New Road	587	New Road south of Conway Perimeter Road	ALL	856.08	397.83	420.17	390.61	419.27	128.37	132.30	402.28	424.36	2,606.56	2,224.81	1,001.05
New Road	1094	New Road north of Conway Perimeter Road	ALL	1,071.10	501.96	530.16	492.85	529.02	161.97	166.93	507.58	535.44	1,564.45	44.89	1,249.58
US 701	6194	US 701 south of Conway Perimeter Road	ALL	-	3,567.00	3,609.61	3,195.77	3,251.39	4,148.57	3,593.15	3,032.01	3,085.40	3,912.69	4,246.70	5,085.50
US 701	583	US 701 north of Conway Perimeter Road	ALL	7,340.21	1,442.25	1,462.58	1,289.51	1,317.31	1,720.51	1,534.92	1,223.81	1,249.14	2,431.94	1,939.91	2,126.90
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	3,914.15	2,303.46	2,320.44	2,110.78	2,163.58	2,420.17	3,364.04	2,508.92	2,533.96	5,383.61	5,412.90	4,913.82
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	2,193.33	1,111.59	1,129.57	1,079.47	1,105.45	1,006.75	1,414.96	1,237.06	1,253.63	708.40	593.01	1,535.34
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL	-	1,373.66	1,414.55	1,498.39	1,446.18	779.92	1,828.03	2,706.62	2,720.32	7,161.59	6,659.54	1,973.87
US 378	4694	US 378 west of Conway Perimeter Road	ALL	3,536.50	2,811.01	2,832.04	3,055.30	3,089.43	2,358.99	2,815.33	3,253.94	3,255.95	3,108.93	3,125.33	3,516.62
US 378	632	US 378 east of Conway Perimeter Road	ALL	12,826.21	7,244.84	7,350.94	7,722.73	7,864.94	5,080.60	5,123.49	8,492.49	8,525.97	3,821.32	3,044.20	9,422.88
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	4,123.46	1,897.01	1,814.40	2,105.66	2,167.80	1,530.20	3,329.15	3,827.02	3,970.81	4,153.48	3,900.74	4,316.39
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	10,650.40	9,524.04	9,470.40	9,171.80	9,150.31	7,604.01	7,352.61	8,880.87	8,860.48	16,538.35	15,720.54	14,834.13
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	3,429.09	2,311.53	2,318.04	2,333.47	2,353.95	2,212.46	2,357.38	2,533.26	2,546.75	2,637.12	2,731.80	2,847.30
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	6,594.58	5,877.04	5,847.80	5,666.90	5,655.76	4,685.77	4,542.77	5,496.64	5,486.38	10,220.41	9,710.46	9,169.88
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	19,197.48	17,136.99	17,052.72	16,554.98	16,522.32	13,711.97	13,283.00	16,043.39	16,013.48	29,786.97	28,305.38	26,738.93
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	107.75	106.29	107.03	143.10	142.68	153.21	139.50	124.07	123.89	139.44	140.54	145.98

SELL ALTERNATIVES
2040 TOTAL DAILY VEHICLE-MILES TRAVELED (VMT)

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	9,091.79	7,765.51	7,748.60	7,474.06	7,478.11	6,337.62	6,282.03	7,306.81	7,312.51	14,573.71	13,829.44	13,152.99
Enoch Road	1290	Enoch Road north of US 501	ALL	5,108.17	3,395.28	3,449.55	3,193.13	3,249.34	3,139.96	3,517.69	3,308.24	3,366.38	9,393.64	8,861.91	8,667.26
Handwick Road	1697	Handwick Road north of US 501	ALL	238.71	308.22	318.57	282.96	283.31	307.44	474.29	259.60	265.66	554.91	500.79	524.48
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	18,047.56	15,445.55	15,418.40	14,878.60	14,884.84	12,649.11	12,624.15	14,532.16	14,546.53	29,020.95	27,515.14	26,190.59
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	22,336.97	18,675.91	18,652.87	18,346.00	18,293.28	15,879.08	16,003.92	18,012.44	18,036.57	36,670.51	34,687.27	33,823.55
Four Mile Road	2442	Four Mile Road east of US 501	ALL	1,870.35	1,545.83	1,528.47	1,584.71	1,573.96	1,152.54	1,536.73	1,695.18	1,697.00	1,465.54	1,428.78	1,088.06
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	4,923.11	4,141.82	4,124.50	4,079.63	4,074.76	3,653.74	3,737.36	4,035.08	4,036.25	8,346.23	7,901.80	7,604.02
Four Mile Road	1248	Four Mile Road west of US 501	ALL	2,878.64	3,206.66	3,268.96	3,286.17	3,283.16	2,838.87	3,467.92	3,604.34	3,597.22	3,307.24	3,375.82	2,850.98
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	9,376.52	8,111.99	8,100.94	8,028.99	8,019.64	7,151.12	7,475.93	8,026.92	8,030.99	15,700.43	14,898.30	14,196.90
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	23,221.55	20,476.48	20,456.14	20,253.43	20,228.19	18,099.09	19,184.51	20,260.92	20,267.52	38,066.37	36,144.70	34,595.55
Cultra Road	1096	Cultra Road north of US 501	ALL	3,575.44	3,493.81	3,522.55	3,488.97	3,554.50	4,488.12	4,482.38	3,411.10	3,417.77	4,708.53	4,729.51	4,682.53
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	6,730.72	6,112.92	6,116.24	6,132.50	6,140.64	5,445.05	5,640.51	6,249.68	6,254.82	5,186.86	4,771.28	9,426.36
US 501	612	US 501/Church St north of Fox Point Road	ALL	19,954.85	17,914.67	17,938.67	17,901.81	17,920.67	15,680.25	16,051.53	18,149.24	18,173.68	14,423.11	14,037.56	27,513.77
Fox Point Road	613	Fox Point Road east of US 501	ALL	643.22	351.85	359.12	303.63	313.39	361.62	452.86	365.45	377.76	943.10	876.74	828.30
US 501	614	US 501/Church St south of Fox Point Road	ALL	13,051.17	11,339.22	11,349.21	11,282.29	11,283.93	9,961.88	10,137.29	11,392.60	11,394.45	9,181.15	8,836.29	17,593.81
US 501	611	US 501/Church St north of Mill Pond Road	ALL	9,945.22	9,398.19	9,395.13	9,403.19	9,398.51	8,110.99	8,152.62	9,413.46	9,420.69	6,962.66	7,194.48	13,892.51
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	12,654.35	11,826.83	11,821.08	11,781.87	11,775.72	10,176.93	10,158.70	11,784.41	11,792.56	8,833.04	9,267.39	18,093.65
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	1,272.24	942.24	935.51	1,004.40	979.20	961.80	1,080.79	1,071.28	1,065.20	801.92	600.58	1,120.69
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	3,636.70	3,577.93	3,571.32	3,703.90	3,672.99	3,533.66	3,642.35	3,783.59	3,779.85	3,133.69	3,070.97	3,503.83
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	1,622.16	1,587.57	1,587.96	1,572.74	1,572.09	1,483.63	1,471.90	1,575.93	1,576.65	1,491.78	1,481.55	2,460.65
16th Avenue	607	16th Avenue south of US 501	ALL	2,458.04	1,644.09	1,637.95	1,537.55	1,547.19	1,407.11	1,360.29	1,633.32	1,629.37	1,404.56	1,388.80	1,907.29
16th Avenue	609	16th Avenue north of US 501	ALL	2,550.41	2,289.69	2,269.26	2,174.02	2,175.47	2,358.79	2,318.12	2,230.99	2,233.31	2,985.26	2,758.43	2,730.19
Pine Street	5708	Pine Street east of US 501	ALL	274.08	385.10	380.82	375.13	376.62	367.05	376.32	390.48	388.22	372.14	351.75	352.52
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	7,454.20	7,132.44	7,140.29	7,074.71	7,069.50	6,655.52	6,585.92	7,068.74	7,075.37	6,687.77	6,666.77	11,395.37
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	7,397.44	7,011.78	7,016.20	6,957.58	6,948.98	6,547.15	6,483.87	6,922.73	6,935.15	6,557.21	6,570.44	11,420.19
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	314.02	350.01	355.32	364.86	368.50	376.86	367.40	373.29	372.66	374.18	339.75	363.91
US 501	605	US 501/Church Street south of 9th Avenue	ALL	4,349.32	4,308.33	4,307.94	4,268.63	4,262.18	3,938.64	3,821.04	4,225.60	4,234.65	4,011.53	3,977.00	6,643.60
9th Avenue	603	9th Avenue west of US 501	ALL	783.52	611.09	614.08	606.87	599.06	784.12	867.88	605.66	607.44	785.99	739.61	744.94
9th Avenue	604	9th Avenue east of US 501	ALL	1,579.76	1,608.30	1,606.84	1,600.89	1,582.11	1,765.72	1,747.76	1,517.92	1,524.27	1,979.29	1,827.11	1,666.93
US 501	600	US 501/Church St north of Wright Blvd	ALL	6,141.45	6,071.30	6,071.63	6,015.95	6,010.48	5,650.24	5,460.12	5,958.27	5,968.67	5,775.19	5,729.20	9,321.51
US 501	598	US 501/Church St south of Wright Blvd	ALL	776.54	722.99	722.60	720.79	725.43	617.37	601.51	728.28	727.70	608.26	577.24	1,162.00
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	4,889.98	3,260.11	3,325.77	3,320.20	3,439.48	2,128.67	1,986.07	3,529.03	3,557.46	1,755.70	1,536.51	4,977.62
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	2,025.10	1,472.13	1,511.13	1,475.90	1,502.90	1,277.43	1,156.87	1,488.53	1,516.75	1,238.64	1,310.00	1,864.40
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	9,401.45	8,661.20	8,725.42	8,697.93	8,742.27	7,262.43	7,181.35	8,710.35	8,792.28	6,775.61	6,745.16	14,788.27
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	3,814.12	3,513.80	3,539.86	3,528.71	3,546.69	2,946.33	2,913.44	3,533.74	3,566.98	2,748.83	2,736.47	5,999.52
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	20,378.23	18,323.74	18,433.09	18,343.81	18,507.10	15,008.56	14,759.28	18,466.29	18,583.54	13,829.36	12,990.70	28,944.32
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	61,345.13	55,160.44	55,489.63	55,220.87	55,712.43	45,180.67	44,430.27	55,589.59	55,942.53	41,630.91	39,106.27	87,131.87
US 501	6196	US 501 north of SELL Segment M	ALL	-	5,569.53	5,602.77	5,575.63	5,625.26	4,561.87	4,486.11	5,612.86	5,648.49	4,203.46	3,948.54	8,797.67
US 501	594	US 501 south of SELL Segment M	ALL	36,359.24	27,124.05	27,285.92	27,153.77	27,395.48	22,216.70	21,847.70	27,335.08	27,508.63	20,471.17	46,627.55	42,845.37
US 501	571	US 501 west of SC 544	ALL	11,896.51	10,752.84	10,790.20	10,755.14	10,816.15	9,253.87	9,146.79	10,801.53	10,859.90	8,668.28	18,494.62	16,979.10
US 501	573	US 501 EB east of SC 544	ALL	3,505.31	3,161.24	3,170.44	3,169.62	3,174.94	2,861.98	2,826.41	3,190.91	3,199.83	2,807.64	4,553.70	4,362.88
US 501	5592	US 501 WB east of SC 544	ALL	4,778.07	4,220.98	4,219.04	4,179.41	4,209.13	3,544.86	3,464.87	4,220.21	4,230.53	3,264.96	7,164.59	6,830.45
SC 544	572	SC 544 south of US 501	ALL	3,651.99	2,828.59	2,865.46	2,826.41	2,876.57	2,039.43	1,971.11	2,845.63	2,876.74	1,631.70	4,377.81	4,209.29
SC 544	570	SC 544 north of US 501	ALL	5,219.99	5,043.80	4,962.10	4,976.98	4,962.64	4,788.79	4,772.15	5,022.02	4,918.06	4,913.44	4,578.25	4,863.36
BR 501	2919	BR 501 south of US 501	ALL	3,843.21	3,170.93	3,187.06	3,157.06	3,182.32	2,462.83	2,363.02	3,196.05	3,219.21	2,161.38	5,648.49	5,520.20
BR 501	5595	BR 501 between loop ramps	ALL	1,103.58	920.52	924.94	915.19	925.89	778.17	754.26	925.80	933.00	695.46	1,610.27	1,573.70
BR 501	5593	BR 501 north of US 501	ALL	2,549.30	2,297.95	2,318.77	2,296.06	2,353.64	2,261.02	2,214.44	2,355.99	2,330.15	2,198.01	3,521.93	3,430.62
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	7.45	15.49	15.32	14.21	17.48	71.21	75.46	13.73	14.29	74.23	-	-
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	424.15	299.96	298.32	294.64	288.44	153.62	141.72	287.60	303.69	81.64	680.99	669.08
US 501	591	US 501 EB east of SC 544	ALL	4,812.71	4,384.27	4,395.95	4,389.25	4,412.91	4,255.71	4,228.56	4,415.87	4,430.81	4,196.83	6,203.63	5,943.68
US 501	5600	US 501 WB east of SC 544	ALL	1,522.94	1,486.64	1,488.78	1,476.45	1,502.64	1,434.26	1,417.85	1,509.61	1,484.22	1,434.12	2,198.57	2,058.53
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	727.38	477.20	515.97	497.01	510.91	104.81	95.06	490.08	513.21	15.08	1,089.38	1,062.58
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	1,691.15	1,300.46	1,277.90	1,283.35	1,310.87	931.33	927.83	1,307.05	1,301.71	1,314.63	2,043.12	2,025.93
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	6,864.93	5,789.32	5,847.12	5,799.00	5,828.06	4,349.03	4,205.12	5,821.24	5,858.84	4,184.30	11,424.06	11,254.03
SC 544	572	SC 544 north of Cox Ferry Road	ALL	3,651.99	2,828.59	2,865.46	2,826.41	2,876.57	2,039.43	1,971.11	2,845.63	2,876.74	1,631.70	4,377.81	4,209.29
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	2,656.88	2,359.96	2,351.95	2,330.93	2,380.17	1,942.53	1,880.05	2,374.78	2,375.75	1,646.54	2,546.98	2,434.01
SC 544	2912	SC 544 south of BR 501	ALL	10,253.14	8,798.26	8,846.00	8,771.09	8,862.75	6,824.91	6,601.35	8,849.06	8,887.97	6,283.93	14,681.95	14,368.09
SC 544	4623	SC 544 north of University Blvd	ALL	18,182.32	15,602.31	15,686.97	15,554.15	15,716.67	12,102.89	11,706.45	15,692.41	15,761.41	11,143.55	26,036.11	25,479.53
SC 544	4614	SC 544 south of University Blvd	ALL	1,158.25	981.20	984.95	976.79	982.86	787.99	793.73	979.14	984.81	994.71	1,620.84	1,589.87
University Blvd	4844	University Blvd east of SC 544	ALL	2,118.41	2,178.59	2,166.61	2,213.25	2,172.40	2,000.92	1,981.60	2,221.62	2,215.29	3,015.89	2,277.11	2,221.61
SC 544	6198	SC 544 north of SELL Segment O	ALL	-	6,961.26	6,986.54	6,913.55	6,969.31	5,494.18	5,325.89	6,961.26	6,990.01	6,416.15	11,684.86	11,479.08
SC 544	4620	SC 544 south of SELL Segment O	ALL	21,827.22	11,965.68	12,009.15	11,883.67	11,979.53	9,443.93	9,154.65	11,965.69	12,015.11	22,592.14	20,085.06	19,731.36
SC 544	1114	SC 544 north of Singleton Ridge	ALL	20,149.72	17,094.65	17,196.55	16,948.57	17,129.76	13,052.12	12,551.38	17,097.82	17,180.74	33,963.87	30,041.26	29,397.18

SELL ALTERNATIVES
2040 TOTAL DAILY VEHICLE-MILES TRAVELED (VMT)

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	1505	SC 544 south of Singleton Ridge	ALL	9,250.87	8,019.44	8,042.24	7,973.09	8,051.10	6,429.87	6,123.98	8,028.15	8,051.85	14,294.87	13,461.31	13,228.57
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	6,303.28	8,044.13	8,035.79	8,122.55	8,095.00	8,483.50	8,411.28	8,218.58	8,195.23	7,504.40	8,126.91	8,374.38
SC 544	4064	SC 544 north of CC 4065	ALL	12,069.31	10,462.69	10,492.45	10,402.23	10,504.00	8,388.84	7,989.76	10,474.06	10,504.98	18,650.05	17,562.52	17,258.88
SC 544	577	SC 544 south of CC 4065	ALL	4,097.64	3,448.70	3,468.07	3,428.98	3,461.47	2,757.64	2,627.48	3,457.62	3,463.87	6,290.70	5,847.14	5,713.03
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	11,113.26	9,353.27	9,405.80	9,299.79	9,387.89	7,479.03	7,126.03	9,377.46	9,394.40	17,061.09	15,858.11	15,494.39
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	24,955.88	21,062.72	21,186.86	20,882.55	21,066.93	19,892.73	19,364.91	20,967.83	21,078.23	38,005.64	36,226.11	35,671.95
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	3,545.54	3,717.76	3,644.61	3,764.97	3,700.07	3,710.86	3,628.63	3,841.23	3,714.31	4,769.37	4,289.30	4,177.87
SC 544	707	SC 544 south of CC 2810 and 89	ALL	53,243.31	45,654.63	45,899.55	45,328.60	45,677.42	47,944.26	46,843.25	45,521.55	45,696.76	82,651.99	78,923.22	77,550.15
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL	-	5,389.06	5,417.97	5,350.58	5,391.75	5,659.33	5,529.36	5,373.35	5,394.03	9,756.22	9,316.08	9,154.00
SC 544	705	SC 544 north of CC 57	ALL	48,165.38	35,911.39	36,104.04	35,654.94	35,929.32	47,091.38	46,904.90	35,806.71	35,944.53	65,013.08	62,080.07	61,000.03
SC 544	706	SC 544 south of CC 57	ALL	22,022.96	19,174.29	19,257.85	19,047.45	19,177.24	22,457.84	22,385.14	19,119.50	19,185.09	32,944.22	31,572.93	31,063.37
SC 544	2817	SC 544 south of CC 2904/2818	ALL	15,112.71	13,375.12	13,422.73	13,289.89	13,369.80	15,200.44	15,152.01	13,338.89	13,379.62	22,321.62	21,451.52	21,113.75
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	13,872.70	12,386.53	12,416.56	12,313.89	12,366.83	13,782.74	13,739.51	12,353.07	12,373.54	20,177.08	19,438.56	19,129.66
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	874.62	754.38	755.68	746.37	749.00	895.46	892.71	747.89	748.79	1,274.52	1,221.32	1,204.38
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	1,550.37	1,246.03	1,273.39	1,228.59	1,263.47	1,259.04	1,252.86	1,217.20	1,233.77	1,586.28	1,578.17	1,558.30
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	566.73	819.95	828.10	857.51	868.02	249.59	248.13	870.39	875.83	795.52	843.83	801.24
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	2,456.92	2,252.53	2,249.02	2,240.76	2,235.56	2,690.20	2,681.88	2,241.58	2,234.71	3,734.49	3,568.60	3,519.06
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	777.52	458.99	457.10	458.05	456.70	570.88	564.19	457.29	457.52	765.32	732.52	721.29
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL	-	376.16	373.45	373.47	372.33	426.23	419.51	372.46	372.40	576.17	558.86	551.55
SC 544	6060	SC 544 between Loop On-Ramp to NB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	913.55	793.38	784.02	784.75	779.19	981.27	970.55	779.29	776.72	1,260.46	1,215.75	1,205.01
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	764.16	684.91	679.88	676.90	675.73	831.22	822.28	671.44	673.17	1,045.23	1,008.17	999.43
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	16,664.79	16,052.35	15,970.20	15,855.95	15,854.48	18,405.35	18,146.98	15,749.57	15,800.49	23,310.17	22,577.87	22,388.32
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	1,000.93	948.96	930.43	922.92	919.69	657.87	628.47	916.52	913.83	941.78	994.12	994.64
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL	-	260.72	266.20	264.32	269.37	69.26	81.62	271.22	274.17	285.14	279.41	270.18
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	943.62	590.57	597.45	577.72	578.32	553.74	584.88	584.13	571.49	950.00	899.85	894.43
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	232.12	304.87	320.82	297.97	319.13	275.07	272.97	291.06	315.44	209.00	201.67	201.03
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	2,486.93	1,838.29	1,849.27	1,810.89	1,825.45	1,495.34	1,437.99	1,810.99	1,822.70	1,993.94	1,987.64	1,974.53
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	197,880.94	128,189.82	125,350.30	127,474.26	124,548.78	127,792.67	125,985.56	127,266.63	124,819.60	131,600.74	131,720.95	130,762.28
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	5,262.04	4,960.46	4,798.10	4,891.46	4,726.83	5,468.04	5,397.08	4,872.20	4,721.42	5,122.38	5,105.80	5,107.17
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	2,292.56	2,084.06	2,002.35	2,068.88	1,969.30	2,715.08	2,702.31	2,063.72	1,972.22	2,193.15	2,126.44	2,126.74
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	86,827.46	75,520.34	74,098.00	74,759.87	73,079.80	91,184.77	90,757.08	74,403.77	72,795.95	84,701.50	83,058.57	82,788.63
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL	-	2,371.16	2,309.67	2,345.59	2,272.48	2,858.40	2,845.94	2,332.84	2,268.47	2,734.92	2,684.56	2,677.95
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	2,941.91	504.08	495.19	500.83	489.77	523.82	525.87	500.97	490.71	576.08	565.31	560.99
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	4,057.76	4,433.77	4,318.30	4,424.75	4,298.20	4,736.76	4,692.76	4,412.42	4,323.57	4,473.71	4,459.91	4,422.71
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	16,664.79	16,052.35	15,970.20	15,855.95	15,854.48	18,405.35	18,146.98	15,749.57	15,800.49	23,310.17	22,577.87	22,388.32
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	4,977.91	4,521.91	4,433.35	4,447.33	4,378.08	5,350.79	5,316.17	4,394.63	4,345.66	7,421.94	7,164.93	7,154.72
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	2,922.16	3,026.82	3,020.24	3,023.97	3,024.32	3,065.01	3,003.68	3,042.45	3,039.41	3,133.12	3,122.36	3,122.40
SC 544	4596	SC 544 south of CC 4595	ALL	13,972.78	12,585.95	12,271.15	12,367.70	12,114.10	14,913.31	14,822.84	12,211.36	12,029.66	21,058.11	20,342.08	20,312.43
SC 544	2901	SC 544 north of 707 Connector	ALL	29,060.92	26,176.55	25,521.83	25,722.64	25,195.19	31,017.05	30,828.89	25,397.47	25,019.57	43,797.15	42,307.94	42,246.28
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	7,238.89	6,593.17	6,415.71	6,489.45	6,323.71	7,820.88	7,777.44	6,387.58	6,279.05	11,291.97	10,909.37	10,868.52
707 Connector	2903	707 Connector west of SC 544	ALL	936.36	631.69	553.74	618.18	556.56	859.44	775.95	648.72	557.20	1,320.27	1,311.73	1,305.72
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	6,174.98	5,769.32	5,529.31	5,701.70	5,484.76	6,361.51	6,383.42	5,675.25	5,457.14	8,764.15	8,620.30	8,619.98
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	5,136.23	5,363.05	5,321.70	5,365.40	5,319.98	5,506.07	5,395.32	5,385.70	5,323.25	5,641.13	5,598.16	5,572.71
SC 544	6069	SC 544 north of CC 4536	ALL	4,048.63	3,782.66	3,625.30	3,738.33	3,596.09	4,170.93	4,185.29	3,720.98	3,577.98	5,746.23	5,651.91	5,651.70
SC 544	4535	SC 544 south of CC 4536	ALL	16,412.45	15,331.73	14,674.93	15,154.06	14,561.03	16,894.39	16,950.09	15,083.45	14,487.52	23,317.74	22,935.08	22,933.35
SC 544	4631	SC 544 north of Big Block Road	ALL	10,707.05	9,947.85	9,532.37	9,837.44	9,447.44	11,065.70	11,084.00	9,772.08	9,395.74	14,579.24	14,333.00	14,331.07
SC 544	983	SC 544 south of Big Block Road	ALL	13,559.18	12,943.39	12,430.22	12,828.48	12,331.94	13,906.72	13,922.67	12,753.67	12,274.59	17,786.59	17,509.06	17,501.15
Big Block Road	4633	Big Block Road west of SC 544	ALL	2,409.30	2,614.34	2,539.57	2,615.74	2,532.46	2,378.26	2,372.49	2,609.51	2,529.84	2,562.31	2,541.00	2,534.77
SC 544	4722	SC 544 east of CC 4912	ALL	22,429.14	21,471.23	20,645.50	21,291.61	20,485.81	23,076.90	23,098.33	21,189.71	20,412.36	29,464.55	29,014.08	28,999.35
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	3,613.59	3,459.26	3,326.23	3,430.33	3,300.50	3,717.96	3,721.41	3,413.91	3,288.67	4,747.08	4,674.50	4,672.13
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	6,793.89	6,641.87	6,481.74	6,606.97	6,454.47	6,924.29	6,921.15	6,604.84	6,457.64	8,816.46	8,735.31	8,733.22
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	1,101.91	1,069.46	1,010.14	1,056.45	998.93	1,132.26	1,140.22	1,046.83	987.83	1,275.85	1,251.19	1,250.39
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	9,482.91	9,521.27	9,520.67	9,498.15	9,497.08	9,546.69	9,535.88	9,483.26	9,481.71	9,565.58	9,544.80	9,546.91

Appendix D—Vehicle Hours Traveled

SELL ALTERNATIVES
2040 TOTAL DAILY VEHICLE-HOURS TRAVELED (VHT)

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	87.57	42.48	42.94	43.05	42.92	54.51	57.18	45.90	46.03	9.25	13.13	15.66
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL	-	30.78	30.88	30.99	31.24	45.33	44.32	29.87	30.08	-	-	-
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL	-	20.35	21.25	21.19	20.09	8.00	16.73	31.95	31.63	24.74	35.11	41.89
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	13.85	8.88	8.80	8.83	8.91	8.47	8.83	9.92	9.89	28.80	30.33	27.09
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	51.93	16.52	16.91	16.90	16.42	10.14	14.71	23.01	22.83	40.31	52.75	54.20
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL	-	1.98	1.99	0.39	0.38	0.81	0.57	0.31	0.30	-	-	-
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL	-	112.49	111.69	113.18	112.97	165.29	157.97	108.46	108.04	-	-	-
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL	-	30.98	32.41	30.55	32.19	31.40	26.86	25.90	27.17	-	-	-
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL	-	21.15	22.61	20.67	22.24	14.84	11.73	16.94	18.34	-	-	-
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL	-	1.35	1.30	0.42	0.55	0.74	0.56	0.21	0.20	-	-	-
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL	-	61.95	66.41	61.96	66.54	43.90	34.77	51.05	55.30	-	-	-
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL	-	22.58	24.20	22.58	24.25	16.00	12.67	18.61	20.16	-	-	-
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	726.76	1,357.07	1,444.17	1,369.36	1,441.36	911.03	841.47	1,304.94	1,375.06	617.68	716.66	735.78
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	33.52	35.47	37.67	35.94	37.80	23.94	22.12	34.54	36.27	29.75	38.23	39.69
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	42.86	10.02	10.32	10.29	10.40	4.68	8.28	15.57	15.60	38.04	48.87	50.75
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	27.24	7.19	7.40	7.38	7.46	3.36	5.94	11.16	11.19	8.72	11.30	13.59
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL	-	13.83	13.84	13.97	13.99	17.42	17.91	15.14	15.11	3.61	4.67	5.62
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL	-	39.03	41.37	39.42	41.63	28.73	23.66	33.35	35.41	-	-	-
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL	-	11.73	12.42	11.57	12.22	8.50	6.99	9.78	10.38	-	-	-
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL	-	8.76	8.84	8.64	8.83	8.38	9.10	10.22	10.28	-	-	-
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL	-	37.91	40.28	37.48	39.65	26.96	21.24	30.52	32.62	-	-	-
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL	-	33.36	34.95	33.06	34.63	33.84	29.09	27.61	28.86	-	-	-
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL	-	**580.34**	**601.84**	**576.77**	**599.90**	**602.96**	**538.03**	**505.97**	**526.58**	-	-	-
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	357.20	434.46	439.25	434.66	433.44	439.54	426.39	419.10	421.32	399.26	389.71	392.50
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	82.21	133.17	133.41	132.11	130.81	148.63	154.99	145.29	144.81	87.39	85.96	89.25
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	19.14	31.23	31.23	30.93	30.37	34.88	37.11	33.18	33.22	20.42	20.24	21.00
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	41.14	32.78	32.28	31.81	31.55	24.60	23.75	30.26	30.17	75.82	64.06	59.70
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	27.52	16.70	16.44	16.20	16.07	12.53	12.10	15.42	15.37	29.33	27.91	26.47
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL	-	29.44	29.01	28.49	28.34	22.00	21.50	27.85	27.79	44.37	42.22	40.05
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	125.29	61.99	60.97	58.07	58.03	45.35	44.03	56.35	56.22	89.13	84.82	80.46
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	114.75	84.50	83.81	79.45	79.35	62.40	60.59	77.47	77.30	123.62	117.19	110.37
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	30.41	22.25	22.25	21.00	20.96	16.58	16.10	20.57	20.53	30.94	29.68	28.10
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	72.28	59.10	59.21	55.91	55.72	44.33	42.79	53.74	53.67	126.63	108.11	99.29
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	56.60	44.48	44.55	43.44	43.30	34.14	33.11	41.82	41.77	99.16	84.66	77.75
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	34.07	54.79	54.99	54.45	54.34	61.12	62.46	61.30	60.85	36.09	35.23	36.60
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL	-	**824.53**	**855.08**	**819.46**	**852.32**	**856.67**	-	-	-	-	-	-
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL	-	**2,059.90**	**2,136.23**	-	-	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL	-	**8,001.25**	**8,200.59**	-	-	-	-	-	-	-	-	-
US 378	6162	US 378 West of SELL Segment F	ALL	-	147.91	147.46	75.73	75.99	79.17	58.39	50.50	50.58	55.99	54.09	52.46
US 378	1235	US 378 East of SELL Segment F	ALL	186.99	101.35	102.39	235.84	236.65	246.55	181.83	157.26	157.51	174.37	168.45	163.37
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL	-	**1,187.59**	**1,270.90**	-	-	-	-	-	-	-	-	-
US 701	6164	US 701 West of SELL Segment F	ALL	-	1,642.57	1,577.92	1,127.09	1,087.94	231.91	252.47	1,111.95	1,079.59	179.30	183.83	184.26
US 701	6168	US 701 East of SELL Segment F	ALL	-	298.15	318.35	1,504.73	1,452.46	309.61	337.06	1,484.52	1,441.32	239.37	245.42	246.00
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL	-	**3,234.67**	**3,461.59**	3,145.88	3,375.86	-	-	2,947.71	3,182.79	-	-	-
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL	-	728.06	-	708.08	-	-	-	**663.47**	-	-	-	-
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL	-	46.97	-	47.38	-	-	-	44.45	-	-	-	-
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL	-	61.88	-	61.89	-	-	-	60.15	-	-	-	-
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL	-	45.06	-	43.57	-	-	-	43.13	-	-	-	-
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL	-	63.61	-	61.88	-	-	-	59.34	-	-	-	-
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	34.74	-	33.26	-	-	-	32.19	-	-	-	-
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	30.50	-	29.20	-	-	-	28.26	-	-	-	-
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL	-	756.91	-	743.99	-	-	-	736.10	-	-	-	-
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL	-	316.44	-	313.23	-	-	-	310.88	-	-	-	-
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL	-	4,488.03	-	4,505.37	-	-	-	4,455.91	-	-	-	-
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL	-	206.29	-	199.67	-	-	-	194.23	-	-	-	-
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	297.58	-	139.16	-	137.51	349.25	350.69	-	134.80	238.12	233.58	230.98
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	185.01	297.76	81.07	289.61	80.12	198.06	197.54	285.44	78.80	155.81	153.21	150.63
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	152.28	263.09	57.72	260.47	57.13	161.08	160.91	257.72	55.99	128.32	126.36	124.26
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	142.58	246.81	54.03	244.34	53.45	150.87	150.71	241.74	52.39	120.29	118.49	116.45
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	32.78	70.17	-	67.86	-	56.17	58.12	59.07	-	20.40	19.22	19.01
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	164.71	295.60	52.92	290.81	52.39	194.01	194.96	281.44	51.35	130.61	127.80	125.73

SELL ALTERNATIVES
2040 TOTAL DAILY VEHICLE-HOURS TRAVELED (VHT)

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	395.85	554.54	140.86	547.54	141.28	461.57	464.15	530.81	139.72	314.77	308.16	305.29
HOLMESTOWN ROAD	**6101**	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	52.41	**73.42**	18.65	**72.50**	18.71	61.11	61.46	**70.28**	18.50	41.68	40.80	40.42
SC 707	1141	SC 707 South of Holmestown Road	ALL	892.64	-	985.47	-	955.80	973.32	968.63	-	961.45	947.85	912.10	906.66
SC 707	718	SC 707 North of Holmestown Road	ALL	4,629.40	-	4,630.53	-	4,464.36	5,061.13	5,108.29	-	4,446.76	4,402.01	4,214.81	4,224.58
SELL ALTERNATIVES	**6142**	**SELL Segment GG between SC 707 and US 17 Bypass**	SELL	-	-	**1,348.02**	-	**1,326.45**	-	-	-	**1,293.62**	-	-	-
SELL ALTERNATIVES	**6143**	**SELL Segment GG west of SC 707**	SELL	-	-	561.61	-	547.70	-	-	-	**516.38**	-	-	-
SC 707	1133	SC 707 South of Segment GG	ALL	896.60	609.00	833.05	599.66	813.76	502.46	499.74	597.74	798.36	497.66	482.96	478.04
SC 707	6141	SC 707 North of Segment GG	ALL	-	531.81	383.65	524.47	375.30	439.61	436.04	523.44	381.88	435.28	422.17	417.97
SELL ALTERNATIVES	6175	**SELL Segment E**	SELL	-	-	-	1,989.58	2,069.36	2,079.92	-	-	-	-	-	-
SELL ALTERNATIVES	6184	**SELL Segment E**	SELL	-	-	-	3,004.50	3,079.39	3,188.27	-	-	-	-	-	-
US 378	6173	US 378 West of SELL Segment E	ALL	-	114.07	114.77	513.63	511.39	656.84	247.86	208.35	209.71	227.17	212.78	212.35
US 378	1219	US 378 East of SELL Segment E	ALL	302.56	62.43	62.82	125.33	127.57	238.01	135.66	114.04	114.78	124.34	116.46	116.22
SELL ALTERNATIVES	6172	**SELL Segment S**	SELL	-	-	-	4,304.26	4,411.55	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6170**	**SELL Segment Z**	SELL	-	-	-	**227.06**	**232.72**	-	-	**209.18**	**216.32**	-	-	-
SELL ALTERNATIVES	**6169**	**SELL Segment Z**	SELL	-	-	-	**1,285.23**	**1,379.18**	-	-	1,204.26	1,300.30	-	-	-
US 701	6168	US 701 West of SELL Segment Z	ALL	-	298.15	318.35	1,504.73	1,452.46	309.61	337.06	1,484.52	1,441.32	239.37	245.42	246.00
US 701	1277	US 701 East of SELL Segment Z	ALL	631.55	228.20	243.67	222.89	238.16	236.98	257.98	202.09	213.20	183.21	187.85	188.28
SELL ALTERNATIVES	6185	**SELL Segment T**	SELL	-	-	-	-	-	526.48	-	-	-	-	-	-
SELL ALTERNATIVES	6186	**SELL Segment U**	SELL	-	-	-	-	-	1,445.46	-	-	-	-	-	-
SELL ALTERNATIVES	**6188**	**SELL Segment W West of US 701**	SELL	-	-	-	-	-	316.98	**354.56**	-	-	-	-	-
SELL ALTERNATIVES	**6190**	**SELL Segment W East of US 701/West of SC 544**	SELL	-	-	-	-	-	**6,233.89**	**6,021.20**	-	-	-	-	-
SELL ALTERNATIVES	**6192**	**SELL Segment W East of SC 544/West of Carolina Bays Parkway**	SELL	-	-	-	-	-	**1,933.80**	**1,905.53**	-	-	-	-	-
US 701	1279	US 701 North of SELL Segment U	ALL	690.65	101.38	104.35	83.64	86.51	420.27	289.47	75.87	77.82	296.08	299.74	287.89
US 701	6187	US 701 South of SELL Segment U	ALL	-	146.00	150.28	120.45	124.59	1,537.28	2,083.12	109.27	112.08	426.40	431.67	414.61
SC 544	6189	SC 544 North of SELL Segment W	ALL	-	160.41	163.26	157.40	160.94	191.96	184.93	158.13	160.23	382.72	317.84	297.64
SC 544	705	SC 544 South of SELL Segment W	ALL	2,018.13	1,068.94	1,087.96	1,048.86	1,072.49	2,492.77	2,446.98	1,053.74	1,067.74	2,550.37	2,117.99	1,983.42
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	5,298.61	3,352.32	3,235.31	3,322.08	3,201.35	3,537.58	3,432.88	3,313.87	3,213.24	3,625.01	3,649.78	3,615.85
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL	-	1,824.81	1,761.12	1,808.35	1,742.63	3,768.27	3,714.20	1,803.88	1,749.10	1,973.25	1,986.73	1,968.26
SELL ALTERNATIVES	**6183**	**SELL Segment D**	**SELL**	-	-	-	-	-	-	2,751.78	2,587.81	**2,693.21**	-	-	-
SELL ALTERNATIVES	**6182**	**SELL Segment D**	**SELL**	-	-	-	-	-	-	592.50	459.87	475.57	-	-	-
US 378	2304	US 378 west of SELL Segment D	SELL	135.83	56.94	58.01	71.81	74.01	40.69	291.81	187.80	187.60	177.39	153.61	119.27
US 378	6181	US 378 east of SELL Segment D	SELL	-	14.44	14.71	18.21	18.77	10.32	44.64	34.70	34.64	44.99	38.96	30.25
US 378	1281	US 378 east of SELL Segment D	SELL	498.20	229.26	233.40	287.13	298.84	171.73	290.43	417.41	418.39	283.30	288.70	472.88
SELL ALTERNATIVES	6180	**SELL Segment I**	SELL	-	-	-	-	-	-	1,302.02	1,010.56	1,045.06	-	-	-
SELL ALTERNATIVES	6179	**SELL Segment L**	SELL	-	-	-	-	-	-	2,224.51	1,726.54	1,785.48	-	-	-
SELL ALTERNATIVES	6193	**SELL Segment Q**	SELL	-	-	-	-	-	-	947.77	-	-	-	-	-
SELL ALTERNATIVES	6178	**SELL Segment R**	SELL	-	-	-	-	-	-	-	713.80	738.17	-	-	-
SELL ALTERNATIVES	6177	**SELL Segment R**	SELL	-	-	-	-	-	-	-	1,677.73	1,735.01	-	-	-
SELL ALTERNATIVES	6176	**SELL Segment X**	SELL	-	-	-	-	-	-	-	1,607.33	1,662.20	-	-	-
SELL ALTERNATIVES	6199	**SELL Segment O**	SELL	-	-	-	-	-	-	-	-	-	3,614.79	-	-
SELL ALTERNATIVES	6200	**SELL Segment K**	SELL	-	-	-	-	-	-	-	-	-	2,215.78	1,217.57	-
SELL ALTERNATIVES	6197	**SELL Segment M**	SELL	-	-	-	-	-	-	-	-	-	-	1,298.27	-
Conway Perimeter Road (SELL Segment K)	6206	**Conway Perimeter Road from New Road to US 701**	ALL	-	-	-	-	-	-	-	-	-	241.36	181.39	-
Conway Perimeter Road (SELL Segment H)	6195	**Conway Perimeter Road from US 701 to Cates Bay Highway**	ALL	-	37.80	37.69	36.02	35.64	36.35	27.64	35.35	35.21	658.38	585.50	38.01
Conway Perimeter Road (SELL Segment H)	6204	**Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road**	ALL	-	13.39	13.46	12.69	12.46	12.74	14.43	14.07	14.10	144.66	128.70	33.17
Conway Perimeter Road (SELL Segment H)	6203	**Conway Perimeter Road north of Relocated Dirty Branch Road**	ALL	-	75.74	75.42	68.65	67.97	83.32	77.92	56.44	56.30	880.50	813.49	222.50
Conway Perimeter Road (SELL Segment H)	6205	**Conway Perimeter Road south of US 378**	ALL	-	75.33	75.34	73.09	72.84	76.91	72.56	66.04	65.97	517.40	491.80	148.39
Conway Perimeter Road (SELL Segment H)	4696	**Conway Perimeter Road north of US 378**	ALL	48.65	46.17	45.79	46.55	46.30	50.95	67.78	49.97	50.36	194.83	178.02	74.67
Conway Perimeter Road (SELL Segment H)	4698	**Conway Perimeter Road south of Dunn Short Cut**	ALL	145.69	135.81	134.50	129.14	128.37	147.28	185.45	139.29	140.59	600.03	550.15	232.03
Conway Perimeter Road (SELL Segment H)	1246	**Conway Perimeter Road between Dunn Short Cut and US 501**	ALL	68.37	53.49	52.63	51.86	51.75	55.91	71.59	53.77	53.85	230.52	210.43	95.70
New Road	587	New Road south of Conway Perimeter Road	ALL	24.67	11.38	12.03	11.17	12.00	3.67	3.78	11.51	12.15	80.38	66.16	29.17
New Road	1094	New Road north of Conway Perimeter Road	ALL	30.87	14.36	15.18	14.10	15.14	4.63	4.77	14.53	15.33	45.67	1.28	36.42
US 701	6194	US 701 south of Conway Perimeter Road	ALL	-	73.70	74.66	65.38	66.64	87.90	74.23	61.73	62.89	81.10	89.23	114.36
US 701	583	US 701 north of Conway Perimeter Road	ALL	163.99	29.48	29.92	26.19	26.79	36.09	31.54	24.77	25.30	56.27	41.68	46.86
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	142.68	60.73	61.20	55.28	56.79	65.34	100.79	67.10	68.00	326.95	334.71	262.89
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	86.19	28.91	29.45	28.13	28.92	25.95	38.32	32.62	33.22	17.81	14.88	42.50
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL	-	39.25	40.42	42.81	41.32	22.28	52.24	77.39	77.79	216.58	198.76	56.42
US 378	4694	US 378 west of Conway Perimeter Road	ALL	89.66	70.35	70.89	76.79	77.56	59.18	70.72	82.05	82.04	78.15	78.63	89.04
US 378	632	US 378 east of Conway Perimeter Road	ALL	287.05	159.53	161.81	169.88	173.09	111.73	112.54	186.85	187.71	83.92	66.82	207.73
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	118.00	54.21	51.85	60.17	61.95	43.72	95.42	109.58	113.73	118.90	111.58	123.51
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	215.61	180.36	178.77	170.77	170.16	134.05	128.63	163.12	162.61	286.80	269.52	252.18

SELL ALTERNATIVES
2040 TOTAL DAILY VEHICLE-HOURS TRAVELED (VHT)

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	100.16	66.20	66.39	66.84	67.43	63.35	67.53	72.63	73.03	75.67	78.53	81.94
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	135.21	112.09	111.20	106.23	105.91	82.86	79.70	101.64	101.38	177.96	166.94	156.21
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	394.00	327.36	324.78	311.06	310.11	242.83	233.31	297.16	296.40	518.95	486.84	455.65
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	3.08	3.04	3.06	4.09	4.08	4.38	3.99	3.54	3.54	3.98	4.02	4.17
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	223.99	162.41	161.71	151.82	151.96	118.24	116.66	145.97	146.20	280.72	255.98	236.62
Enoch Road	1290	Enoch Road north of US 501	ALL	129.34	85.09	86.46	79.98	81.40	78.66	88.27	82.89	84.36	267.07	245.56	238.52
Handwick Road	1697	Handwick Road north of US 501	ALL	6.82	8.81	9.10	8.08	8.09	8.78	13.55	7.42	7.59	15.85	14.31	14.99
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	446.64	324.57	323.45	303.71	303.92	236.99	236.01	291.33	291.90	562.21	511.19	472.63
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	540.75	380.00	379.10	368.80	366.91	295.28	298.65	357.13	357.96	708.19	641.85	615.71
Four Mile Road	2442	Four Mile Road east of US 501	ALL	41.74	34.41	34.02	35.29	35.06	25.63	34.24	37.77	37.81	32.76	31.90	24.22
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	140.67	101.34	100.48	98.81	98.53	83.37	85.97	96.80	96.84	198.34	179.62	168.48
Four Mile Road	1248	Four Mile Road west of US 501	ALL	84.00	93.59	95.45	95.95	95.87	82.92	101.49	105.32	105.11	96.69	98.74	83.67
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	266.35	196.05	195.52	192.40	191.97	159.05	172.14	192.51	192.72	360.88	324.92	297.34
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	727.12	537.07	535.76	524.85	523.27	424.21	475.71	524.31	524.79	926.68	818.72	746.30
Cultra Road	1096	Cultra Road north of US 501	ALL	110.14	106.55	107.55	106.52	108.70	140.61	140.12	104.09	104.30	148.37	149.61	147.93
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	189.19	163.75	163.97	164.57	164.94	142.06	148.41	169.14	169.37	133.57	121.33	222.14
US 501	612	US 501/Church St north of Fox Point Road	ALL	474.95	393.83	394.76	393.66	394.35	329.62	340.56	402.34	403.33	296.49	286.78	514.25
Fox Point Road	613	Fox Point Road east of US 501	ALL	18.38	10.05	10.26	8.68	8.95	10.33	12.94	10.44	10.79	26.96	25.07	23.68
US 501	614	US 501/Church St south of Fox Point Road	ALL	322.86	249.00	249.40	247.23	247.31	209.53	214.82	250.99	251.13	189.09	180.47	331.62
US 501	611	US 501/Church St north of Mill Pond Road	ALL	303.40	271.12	270.73	271.53	271.11	212.57	214.56	271.95	272.37	172.92	179.09	343.32
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	396.03	349.49	349.11	347.36	346.93	280.49	280.13	347.38	347.83	235.20	248.22	478.52
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	41.88	30.92	30.70	33.02	32.28	31.69	35.55	35.22	35.00	26.24	19.74	36.74
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	116.82	114.52	114.29	118.64	117.51	112.90	117.03	121.31	121.19	100.11	98.05	112.15
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	111.44	104.25	104.77	101.78	101.43	86.65	84.62	102.32	102.44	88.01	85.39	161.12
16th Avenue	607	16th Avenue south of US 501	ALL	100.85	57.16	56.93	53.12	53.42	48.19	46.20	56.98	56.81	48.76	47.83	70.43
16th Avenue	609	16th Avenue north of US 501	ALL	88.91	76.53	75.66	72.05	72.21	79.65	77.72	74.26	74.37	109.54	97.83	95.27
Pine Street	5708	Pine Street east of US 501	ALL	9.14	12.84	12.70	12.51	12.56	12.24	12.55	13.02	12.95	12.41	11.73	11.75
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	207.15	186.48	186.78	183.03	182.77	162.04	158.79	182.91	183.20	163.60	161.96	275.45
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	240.75	214.40	214.35	210.62	210.14	187.94	184.70	208.46	209.21	188.14	188.64	336.07
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	10.47	11.67	11.84	12.16	12.28	12.56	12.25	12.44	12.42	12.47	11.33	12.13
US 501	605	US 501/Church Street south of 9th Avenue	ALL	173.01	168.93	169.53	165.72	164.86	136.35	128.22	161.71	162.44	143.40	138.93	244.99
9th Avenue	603	9th Avenue west of US 501	ALL	26.08	20.01	20.03	19.79	19.52	26.84	29.83	19.77	19.82	27.27	25.52	25.30
9th Avenue	604	9th Avenue east of US 501	ALL	48.66	49.12	49.07	48.79	48.12	54.25	53.60	46.04	46.26	62.91	56.26	51.17
US 501	600	US 501/Church St north of Wright Blvd	ALL	217.64	212.72	212.20	207.17	206.56	183.78	170.62	201.56	202.23	198.35	187.83	297.09
US 501	598	US 501/Church St south of Wright Blvd	ALL	146.94	108.23	107.97	106.89	109.21	72.09	68.11	110.71	110.54	71.28	62.87	204.26
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	137.10	90.76	92.65	92.56	95.80	59.23	55.45	98.47	99.21	48.98	42.92	138.99
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	83.48	57.50	59.22	57.51	58.71	49.32	44.41	58.08	59.32	48.12	50.48	76.61
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	495.53	349.74	358.96	352.70	361.08	211.91	208.12	354.05	369.10	182.04	179.98	783.96
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	241.52	172.44	177.18	174.36	178.30	105.19	103.25	174.97	181.98	91.21	90.06	261.27
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	3,785.33	2,000.65	2,077.44	2,006.39	2,120.74	732.75	686.13	2,073.48	2,164.28	524.99	406.58	3,497.55
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	11,395.09	6,022.61	6,253.76	6,039.89	6,384.12	2,205.83	2,065.47	6,241.84	6,515.21	1,580.38	1,223.95	10,528.78
US 501	6196	US 501 north of SELL Segment M	ALL	-	608.10	631.44	609.85	644.60	222.72	208.55	630.24	657.84	159.57	123.58	1,063.09
US 501	594	US 501 south of SELL Segment M	ALL	6,753.87	2,961.50	3,075.16	2,969.99	3,139.26	1,084.67	1,015.65	3,069.30	3,203.72	777.12	9,229.68	5,177.32
US 501	571	US 501 west of SC 544	ALL	1,144.78	678.63	692.12	677.93	699.45	377.45	364.44	690.62	711.48	307.26	1,946.84	1,167.22
US 501	573	US 501 EB east of SC 544	ALL	125.87	88.26	89.13	88.65	89.54	69.77	67.88	90.20	91.34	67.68	86.47	80.47
US 501	5592	US 501 WB east of SC 544	ALL	309.49	187.41	189.47	182.56	187.91	120.27	114.95	187.22	190.33	102.69	270.19	233.73
SC 544	572	SC 544 south of US 501	ALL	418.62	187.99	196.72	187.45	196.43	92.47	87.74	189.38	196.35	66.04	1,038.26	879.88
SC 544	570	SC 544 north of US 501	ALL	262.76	233.03	226.84	230.97	225.93	213.68	214.26	231.84	221.67	233.54	192.67	221.71
BR 501	2919	BR 501 south of US 501	ALL	100.48	69.73	70.55	69.17	70.47	48.28	46.01	70.45	71.62	41.01	107.88	103.38
BR 501	5595	BR 501 between loop ramps	ALL	28.82	20.23	20.47	20.04	20.50	15.52	14.96	20.39	20.74	13.56	30.75	29.47
BR 501	5593	BR 501 north of US 501	ALL	147.84	99.38	98.73	98.04	101.72	83.61	80.96	101.43	100.42	83.10	357.32	324.00
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	0.21	0.44	0.44	0.41	0.50	2.03	2.16	0.39	0.41	2.12	-	-
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	14.73	8.85	8.83	8.65	8.62	4.39	4.05	8.44	9.00	2.33	210.62	172.52
US 501	591	US 501 EB east of SC 544	ALL	173.91	124.76	126.09	125.15	127.39	114.88	112.99	127.19	128.81	112.18	600.49	468.27
US 501	5600	US 501 WB east of SC 544	ALL	33.31	32.14	32.18	31.80	32.63	30.53	30.07	32.87	32.04	30.62	87.34	68.34
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	27.73	16.94	18.51	17.60	18.28	3.51	3.18	17.39	18.30	0.50	68.30	61.31
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	66.93	43.66	42.58	42.31	43.59	27.96	27.87	43.46	43.07	45.06	150.61	142.81
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	320.50	196.59	201.74	197.02	199.62	105.59	99.92	198.02	202.31	93.21	386.46	362.91
SC 544	572	SC 544 north of Cox Ferry Road	ALL	418.62	187.99	196.72	187.45	196.43	92.47	87.74	189.38	196.35	66.04	1,038.26	879.88
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	214.46	149.13	148.17	144.25	152.87	94.46	88.73	150.75	151.28	68.58	193.23	170.45
SC 544	2912	SC 544 south of BR 501	ALL	919.73	476.38	486.68	469.94	487.42	234.47	220.50	478.98	490.51	189.21	959.68	862.49

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	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	4623	SC 544 north of University Blvd	ALL	1,604.19	831.34	850.75	818.77	851.63	406.49	381.60	835.25	857.44	326.93	1,685.86	1,515.10
SC 544	4614	SC 544 south of University Blvd	ALL	418.91	194.51	197.24	191.90	197.07	109.86	111.26	193.16	196.32	190.18	434.93	397.14
University Blvd	4844	University Blvd east of SC 544	ALL	76.79	78.64	78.14	79.99	78.35	71.04	70.09	80.44	80.08	127.05	83.92	80.60
SC 544	6198	SC 544 north of SELL Segment O	ALL	-	345.02	350.59	336.41	346.59	186.88	177.26	340.70	347.93	242.33	685.54	633.85
SC 544	4620	SC 544 south of SELL Segment O	ALL	1,473.57	524.04	532.38	512.33	526.87	284.81	270.19	519.22	526.88	1,793.16	1,018.58	943.55
SC 544	1114	SC 544 north of Singleton Ridge	ALL	995.15	611.40	621.43	598.83	614.35	361.51	342.95	607.50	616.98	2,206.62	1,295.71	1,193.90
SC 544	1505	SC 544 south of Singleton Ridge	ALL	597.69	349.96	354.22	342.70	354.56	194.23	179.45	347.14	352.40	905.74	697.78	647.50
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	204.87	290.26	289.95	294.83	293.45	316.36	313.75	301.53	300.08	266.09	292.98	307.37
SC 544	4064	SC 544 north of CC 4065	ALL	614.91	357.44	361.65	350.10	362.31	198.25	183.18	355.35	359.45	889.69	684.08	634.38
SC 544	577	SC 544 south of CC 4065	ALL	277.40	141.31	144.53	138.49	142.69	70.33	64.65	140.11	141.06	392.71	280.89	253.62
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	874.83	447.72	457.93	438.28	452.01	223.28	205.30	444.15	446.19	1,280.95	914.36	825.64
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	1,063.17	641.33	653.90	627.78	644.17	576.90	551.57	631.05	642.24	1,503.29	1,258.68	1,191.49
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	158.96	159.05	153.71	162.64	157.44	167.23	161.93	167.74	157.48	243.48	197.37	188.52
SC 544	707	SC 544 south of CC 2810 and 89	ALL	2,230.89	1,358.96	1,383.13	1,333.43	1,363.47	1,626.25	1,566.71	1,339.64	1,357.43	3,242.32	2,692.63	2,521.54
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL	-	160.41	163.26	157.40	160.94	191.96	184.93	158.13	160.23	382.72	317.84	297.64
SC 544	705	SC 544 north of CC 57	ALL	2,018.13	1,068.94	1,087.96	1,048.86	1,072.49	2,492.77	2,446.98	1,053.74	1,067.74	2,550.37	2,117.99	1,983.42
SC 544	706	SC 544 south of CC 57	ALL	1,279.10	739.88	753.64	722.16	741.57	1,157.30	1,139.98	724.91	737.14	1,581.16	1,305.70	1,220.36
SC 544	2817	SC 544 south of CC 2904/2818	ALL	1,034.98	618.17	627.68	603.75	617.07	874.11	860.27	605.57	615.22	1,210.50	1,000.27	932.46
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	354.56	286.94	287.98	284.28	285.98	330.82	328.75	285.10	285.80	496.49	449.13	431.76
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	21.10	16.63	16.67	16.39	16.47	21.08	20.95	16.41	16.45	28.91	26.11	25.30
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	132.88	58.16	53.89	54.89	52.59	41.26	39.39	53.19	49.33	137.63	118.41	107.62
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	16.19	23.61	23.78	24.74	24.97	7.13	7.09	25.13	25.20	22.74	24.12	22.91
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	55.20	47.59	47.57	47.23	47.16	61.42	61.13	47.21	47.06	74.02	68.30	66.69
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	15.84	9.34	9.30	9.32	9.29	11.98	11.80	9.30	9.31	13.54	12.78	12.54
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL	-	8.73	8.68	8.65	8.62	9.80	9.54	8.62	8.65	11.95	11.26	10.99
SC 544	6060	SC 544 between Loop On-Ramp to NB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	20.96	16.51	16.29	16.30	16.16	21.95	21.54	16.16	16.10	23.18	21.95	21.69
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	19.55	15.28	15.13	15.02	14.96	20.41	19.91	14.82	14.87	20.10	18.89	18.64
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	460.68	436.34	433.20	427.83	427.46	576.28	557.72	422.68	424.80	570.94	533.68	525.57
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	34.00	32.65	32.11	31.45	31.33	19.48	18.21	31.09	31.16	31.81	35.56	35.31
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL	-	8.12	8.38	8.27	8.48	1.98	2.33	8.47	8.74	8.29	8.20	7.99
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	34.31	17.09	17.31	16.68	16.70	16.01	17.01	16.86	16.46	75.08	60.47	53.62
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	6.63	8.77	9.21	8.56	9.16	7.86	7.80	8.35	9.05	5.97	5.76	5.74
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	258.09	60.22	60.81	58.93	59.87	47.91	44.26	58.69	59.66	71.71	71.58	70.81
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	5,298.61	3,352.32	3,235.31	3,322.08	3,201.35	3,537.58	3,432.88	3,313.87	3,213.24	3,625.01	3,649.78	3,615.85
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	190.96	143.06	134.09	138.61	129.73	254.69	240.51	137.30	129.35	171.87	170.38	170.53
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	53.63	47.11	45.09	46.70	44.29	72.24	72.15	46.57	44.35	50.63	48.89	48.92
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	2,248.88	1,759.07	1,714.67	1,735.98	1,685.69	2,496.10	2,466.59	1,725.47	1,677.25	2,131.94	2,065.39	2,052.74
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL	-	61.57	57.96	60.29	56.32	110.56	107.61	59.68	56.12	95.62	89.91	88.78
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	116.60	20.48	19.19	19.97	18.41	23.81	24.50	19.97	18.38	43.81	40.98	39.84
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	96.10	112.69	107.93	112.43	106.97	135.60	133.35	112.05	108.03	117.79	117.79	116.72
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	460.68	436.34	433.20	427.83	427.46	576.28	557.72	422.68	424.80	570.94	533.68	525.57
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	200.49	160.41	156.37	155.74	152.80	250.97	246.52	152.17	150.43	261.80	238.71	238.55
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	365.61	444.01	437.82	443.45	438.40	465.97	432.67	453.66	447.00	498.79	494.79	496.57
SC 544	4596	SC 544 south of CC 4595	ALL	392.92	305.01	293.65	296.07	286.94	465.44	458.61	288.68	282.84	491.04	448.64	448.22
SC 544	2901	SC 544 north of 707 Connector	ALL	817.21	634.38	610.74	615.76	596.79	968.04	953.83	600.41	588.27	1,021.28	933.09	932.21
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	226.73	190.10	183.17	185.48	178.92	273.75	270.67	181.09	176.79	325.23	299.03	297.47
707 Connector	2903	707 Connector west of SC 544	ALL	33.48	21.41	18.66	20.92	18.77	29.82	26.65	22.01	18.78	49.70	49.32	49.15
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	282.60	225.52	205.27	219.16	201.79	319.54	324.74	217.00	199.47	319.82	304.96	305.51
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	260.18	291.29	285.52	291.68	285.57	313.88	298.11	293.90	284.49	333.25	325.67	320.71
SC 544	6069	SC 544 north of CC 4536	ALL	135.01	108.14	98.13	105.08	96.26	151.52	154.07	103.86	95.12	145.12	138.12	138.21
SC 544	4535	SC 544 south of CC 4536	ALL	541.81	434.57	393.04	422.60	385.94	605.31	615.20	417.74	381.41	585.10	557.16	557.45
SC 544	4631	SC 544 north of Big Block Road	ALL	527.25	392.18	346.07	379.60	336.89	613.13	617.99	371.09	331.62	484.77	456.98	456.44
SC 544	983	SC 544 south of Big Block Road	ALL	1,450.08	1,084.40	911.15	1,044.80	879.47	1,698.13	1,707.15	1,018.05	861.16	927.45	862.77	861.78
Big Block Road	4633	Big Block Road west of SC 544	ALL	92.12	102.96	98.79	103.02	98.29	89.90	89.31	102.79	98.09	99.13	98.37	98.09
SC 544	4722	SC 544 east of CC 4912	ALL	2,160.55	1,636.03	1,370.88	1,578.76	1,322.54	2,580.76	2,592.21	1,543.89	1,300.71	1,350.64	1,254.56	1,252.39
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	548.81	413.06	346.12	398.64	333.25	657.43	660.42	389.24	327.78	370.29	343.34	342.65
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	564.98	508.39	460.60	496.68	452.60	623.70	621.44	493.69	453.10	420.82	406.54	405.90
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	136.90	122.73	106.15	119.99	103.17	149.38	154.96	118.25	100.61	254.61	236.06	234.56
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	2,879.58	2,929.30	2,928.38	2,899.44	2,897.92	2,962.83	2,948.66	2,880.34	2,878.23	2,992.68	2,965.14	2,967.94

Appendix E—Freeflow Travel Time

SELL ALTERNATIVES
2040 TOTAL FREE-FLOW TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	1.01	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL	-	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	-	-	-
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL	-	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL	-	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	-	-	-
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL	-	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	-	-	-
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL	-	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-	-	-
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL	-	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	-	-	-
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL	-	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	-	-	-
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL	-	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	-	-	-
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL	-	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	-	-	-
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	0.23	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.23	0.23	0.23
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	0.30	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL	-	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL	-	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	-	-	-
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL	-	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	-	-	-
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL	-	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	-	-	-
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL	-	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	-	-	-
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL	-	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-	-	-
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL	-	**0.99**	**0.99**	**0.99**	**0.99**	**0.99**	**0.99**	**0.99**	0.99	-	-	-
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL	-	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	0.42	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL	-	1.41	1.41	1.41	1.41	1.41	-	-	-	-	-	-
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL	-	3.52	3.52	-	-	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL	-	**11.38**	**11.38**	-	-	-	-	-	-	-	-	-
US 378	6162	US 378 West of SELL Segment F	ALL	-	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
US 378	1235	US 378 East of SELL Segment F	ALL	0.72	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL	-	1.57	1.57	-	-	-	-	-	-	-	-	-
US 701	6164	US 701 West of SELL Segment F	ALL	-	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
US 701	6168	US 701 East of SELL Segment F	ALL	-	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL	-	**4.29**	**4.29**	4.29	4.29	-	-	4.29	4.29	-	-	-
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL	-	0.97	-	0.97	-	-	-	**0.97**	-	-	-	-
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL	-	0.17	-	0.17	-	-	-	0.17	-	-	-	-
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL	-	0.20	-	0.20	-	-	-	0.20	-	-	-	-
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL	-	0.16	-	0.16	-	-	-	0.16	-	-	-	-
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL	-	0.22	-	0.22	-	-	-	0.22	-	-	-	-
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	0.12	-	0.12	-	-	-	0.12	-	-	-	-
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	0.10	-	0.10	-	-	-	0.10	-	-	-	-
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL	-	0.16	-	0.16	-	-	-	0.16	-	-	-	-
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL	-	0.10	-	0.10	-	-	-	0.10	-	-	-	-
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL	-	0.68	-	0.68	-	-	-	0.68	-	-	-	-
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL	-	0.28	-	0.28	-	-	-	0.28	-	-	-	-
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	0.45	-	0.45	-	0.45	0.45	0.45	-	0.45	0.45	0.45	0.45
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35

SELL ALTERNATIVES
2040 TOTAL FREE-FLOW TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
HOLMESTOWN ROAD	6101	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SC 707	1141	SC 707 South of Holmestown Road	ALL	0.22	-	0.22	-	0.22	0.22	0.22	-	0.22	0.22	0.22	0.22
SC 707	718	SC 707 North of Holmestown Road	ALL	0.73	-	0.73	-	0.73	0.73	0.73	-	0.73	0.73	0.73	0.73
SELL ALTERNATIVES	6142	SELL Segment GG between SC 707 and US 17 Bypass	SELL	-	-	1.91	-	1.91	-	-	-	1.91	-	-	-
SELL ALTERNATIVES	6143	SELL Segment GG west of SC 707	SELL	-	-	0.70	-	0.70	-	-	-	0.70	-	-	-
SC 707	1133	SC 707 South of Segment GG	ALL	0.82	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
SC 707	6141	SC 707 North of Segment GG	ALL	-	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SELL ALTERNATIVES	6175	SELL Segment E	SELL	-	-	-	3.42	3.42	3.42	-	-	-	-	-	-
SELL ALTERNATIVES	6184	SELL Segment E	SELL	-	-	-	4.39	4.39	4.39	-	-	-	-	-	-
US 378	6173	US 378 West of SELL Segment E	ALL	-	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
US 378	1219	US 378 East of SELL Segment E	ALL	1.00	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
SELL ALTERNATIVES	6172	SELL Segment S	SELL	-	-	-	6.29	6.29	-	-	-	-	-	-	-
SELL ALTERNATIVES	6170	SELL Segment Z	SELL	-	-	-	0.33	0.33	-	-	0.33	0.33	-	-	-
SELL ALTERNATIVES	6169	SELL Segment Z	SELL	-	-	-	1.75	1.75	-	-	1.75	1.75	-	-	-
US 701	6168	US 701 West of SELL Segment Z	ALL	-	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
US 701	1277	US 701 East of SELL Segment Z	ALL	1.72	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
SELL ALTERNATIVES	6185	SELL Segment T	SELL	-	-	-	-	-	0.73	-	-	-	-	-	-
SELL ALTERNATIVES	6186	SELL Segment U	SELL	-	-	-	-	-	1.99	-	-	-	-	-	-
SELL ALTERNATIVES	6188	SELL Segment W West of US 701	SELL	-	-	-	-	-	0.44	0.44	-	-	-	-	-
SELL ALTERNATIVES	6190	SELL Segment W East of US 701/West of SC 544	SELL	-	-	-	-	-	3.04	3.04	-	-	-	-	-
SELL ALTERNATIVES	6192	SELL Segment W East of SC 544/West of Carolina Bays Parkway	SELL	-	-	-	-	-	2.31	2.31	-	-	-	-	-
US 701	1279	US 701 North of SELL Segment U	ALL	1.75	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
US 701	6187	US 701 South of SELL Segment U	ALL	-	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
SC 544	6189	SC 544 North of SELL Segment W	ALL	-	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.16	0.16	0.16
SC 544	705	SC 544 South of SELL Segment W	ALL	1.49	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.08	1.08	1.08
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	5.11	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL	-	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
SELL ALTERNATIVES	6183	SELL Segment D	SELL	-	-	-	-	-	-	5.07	5.07	5.07	-	-	-
SELL ALTERNATIVES	6182	SELL Segment D	SELL	-	-	-	-	-	-	0.73	0.73	0.73	-	-	-
US 378	2304	US 378 west of SELL Segment D	SELL	0.23	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
US 378	6181	US 378 east of SELL Segment D	SELL	-	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
US 378	1281	US 378 east of SELL Segment D	SELL	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
SELL ALTERNATIVES	6180	SELL Segment I	SELL	-	-	-	-	-	-	1.60	1.60	1.60	-	-	-
SELL ALTERNATIVES	6179	SELL Segment L	SELL	-	-	-	-	-	-	2.74	2.74	2.74	-	-	-
SELL ALTERNATIVES	6193	SELL Segment Q	SELL	-	-	-	-	-	-	1.17	-	-	-	-	-
SELL ALTERNATIVES	6178	SELL Segment R	SELL	-	-	-	-	-	-	-	1.13	1.13	-	-	-
SELL ALTERNATIVES	6177	SELL Segment R	SELL	-	-	-	-	-	-	-	2.66	2.66	-	-	-
SELL ALTERNATIVES	6176	SELL Segment X	SELL	-	-	-	-	-	-	-	2.55	2.55	-	-	-
SELL ALTERNATIVES	6199	SELL Segment O	SELL	-	-	-	-	-	-	-	-	-	2.21	-	-
SELL ALTERNATIVES	6200	SELL Segment K	SELL	-	-	-	-	-	-	-	-	-	1.35	1.35	-
SELL ALTERNATIVES	6197	SELL Segment M	SELL	-	-	-	-	-	-	-	-	-	-	1.44	-
Conway Perimeter Road (SELL Segment K)	6206	Conway Perimeter Road from New Road to US 701	ALL	-	-	-	-	-	-	-	-	-	0.26	0.26	-
Conway Perimeter Road (SELL Segment H)	6195	Conway Perimeter Road from US 701 to Cates Bay Highway	ALL	-	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	0.87	0.87	1.16
Conway Perimeter Road (SELL Segment H)	6204	Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road	ALL	-	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.15	0.15	0.21
Conway Perimeter Road (SELL Segment H)	6203	Conway Perimeter Road north of Relocated Dirty Branch Road	ALL	-	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.21	1.21	1.62
Conway Perimeter Road (SELL Segment H)	6205	Conway Perimeter Road south of US 378	ALL	-	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.59	0.59	0.79
Conway Perimeter Road (SELL Segment H)	4696	Conway Perimeter Road north of US 378	ALL	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.20	0.20	0.26
Conway Perimeter Road (SELL Segment H)	4698	Conway Perimeter Road south of Dunn Short Cut	ALL	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	0.86	0.86	1.15
Conway Perimeter Road (SELL Segment H)	1246	Conway Perimeter Road between Dunn Short Cut and US 501	ALL	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.24	0.24	0.32
New Road	587	New Road south of Conway Perimeter Road	ALL	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
New Road	1094	New Road north of Conway Perimeter Road	ALL	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
US 701	6194	US 701 south of Conway Perimeter Road	ALL	-	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
US 701	583	US 701 north of Conway Perimeter Road	ALL	0.55	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL	-	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16
US 378	4694	US 378 west of Conway Perimeter Road	ALL	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
US 378	632	US 378 east of Conway Perimeter Road	ALL	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49

SELL ALTERNATIVES
2040 TOTAL FREE-FLOW TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
Enoch Road	1290	Enoch Road north of US 501	ALL	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
Handwick Road	1697	Handwick Road north of US 501	ALL	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Four Mile Road	2442	Four Mile Road east of US 501	ALL	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Four Mile Road	1248	Four Mile Road west of US 501	ALL	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
Cultra Road	1096	Cultra Road north of US 501	ALL	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.24
US 501	612	US 501/Church St north of Fox Point Road	ALL	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.66
Fox Point Road	613	Fox Point Road east of US 501	ALL	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
US 501	614	US 501/Church St south of Fox Point Road	ALL	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.42
US 501	611	US 501/Church St north of Mill Pond Road	ALL	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.31
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.41
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
16th Avenue	607	16th Avenue south of US 501	ALL	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
16th Avenue	609	16th Avenue north of US 501	ALL	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
Pine Street	5708	Pine Street east of US 501	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.25
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.25
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
US 501	605	US 501/Church Street south of 9th Avenue	ALL	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.14
9th Avenue	603	9th Avenue west of US 501	ALL	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
9th Avenue	604	9th Avenue east of US 501	ALL	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
US 501	600	US 501/Church St north of Wright Blvd	ALL	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.20
US 501	598	US 501/Church St south of Wright Blvd	ALL	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.26
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.11
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.41
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.24
US 501	6196	US 501 north of SELL Segment M	ALL	-	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.13
US 501	594	US 501 south of SELL Segment M	ALL	0.88	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.61	0.61
US 501	571	US 501 west of SC 544	ALL	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.24	0.24
US 501	573	US 501 EB east of SC 544	ALL	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.18	0.18
US 501	5592	US 501 WB east of SC 544	ALL	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.23	0.23
SC 544	572	SC 544 south of US 501	ALL	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SC 544	570	SC 544 north of US 501	ALL	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
BR 501	2919	BR 501 south of US 501	ALL	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.19	0.19
BR 501	5595	BR 501 between loop ramps	ALL	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05
BR 501	5593	BR 501 north of US 501	ALL	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
US 501	591	US 501 EB east of SC 544	ALL	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
US 501	5600	US 501 WB east of SC 544	ALL	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.23	0.23
SC 544	572	SC 544 north of Cox Ferry Road	ALL	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
SC 544	2912	SC 544 south of BR 501	ALL	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.23	0.23

SELL ALTERNATIVES
2040 TOTAL FREE-FLOW TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	4623	SC 544 north of University Blvd	ALL	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.41	0.41
SC 544	4614	SC 544 south of University Blvd	ALL	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
University Blvd	4844	University Blvd east of SC 544	ALL	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
SC 544	6198	SC 544 north of SELL Segment O	ALL	-	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.19	0.19
SC 544	4620	SC 544 south of SELL Segment O	ALL	0.63	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.33	0.33	0.33
SC 544	1114	SC 544 north of Singleton Ridge	ALL	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.52	0.52	0.52
SC 544	1505	SC 544 south of Singleton Ridge	ALL	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.22	0.22	0.22
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
SC 544	4064	SC 544 north of CC 4065	ALL	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.29	0.29	0.29
SC 544	577	SC 544 south of CC 4065	ALL	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.09	0.09	0.09
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.25	0.25	0.25
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.64	0.64	0.64
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
SC 544	707	SC 544 south of CC 2810 and 89	ALL	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.37	1.37	1.37
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL	-	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.16	0.16	0.16
SC 544	705	SC 544 north of CC 57	ALL	1.49	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.08	1.08	1.08
SC 544	706	SC 544 south of CC 57	ALL	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.52	0.52	0.52
SC 544	2817	SC 544 south of CC 2904/2818	ALL	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.34	0.34	0.34
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.30	0.30	0.30
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
SC 544	6060	SC 544 between Loop On-Ramp to SB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.39	0.39	0.39
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL	-	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	0.21	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	5.11	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL	-	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	0.16	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	0.33	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.39	0.39	0.39
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.15	0.15	0.15
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
SC 544	4596	SC 544 south of CC 4595	ALL	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.43	0.43	0.43
SC 544	2901	SC 544 north of 707 Connector	ALL	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	0.89	0.89	0.89
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.24	0.24	0.24
707 Connector	2903	707 Connector west of SC 544	ALL	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.17	0.17	0.17
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
SC 544	6069	SC 544 north of CC 4536	ALL	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.11	0.11	0.11
SC 544	4535	SC 544 south of CC 4536	ALL	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.45	0.45	0.45
SC 544	4631	SC 544 north of Big Block Road	ALL	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.27	0.27	0.27
SC 544	983	SC 544 south of Big Block Road	ALL	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.28	0.28	0.28
Big Block Road	4633	Big Block Road west of SC 544	ALL	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
SC 544	4722	SC 544 east of CC 4912	ALL	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.46	0.46	0.46
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.07	0.07	0.07
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.16	0.16	0.16
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73

Appendix F—Average Daily Travel Time

SELL ALTERNATIVES
2040 TOTAL DAILY TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	1.05	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL	-	0.24	0.24	0.24	0.24	0.25	0.25	0.24	0.24	-	-	-
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL	-	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.50	0.50
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	0.68	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.62	0.78	0.78
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL	-	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	-	-	-
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL	-	0.90	0.90	0.90	0.90	0.91	0.91	0.90	0.90	-	-	-
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL	-	0.13	0.13	0.13	0.13	0.12	0.11	0.12	0.12	-	-	-
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL	-	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.14	-	-	-
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL	-	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	-	-	-
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL	-	0.41	0.42	0.41	0.42	0.40	0.39	0.41	0.41	-	-	-
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL	-	0.15	0.15	0.15	0.15	0.14	0.14	0.15	0.15	-	-	-
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	3.14	3.72	3.78	3.72	3.73	3.21	3.19	3.68	3.71	3.14	3.14	3.14
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	0.41	0.19	0.19	0.19	0.19	0.16	0.16	0.19	0.19	0.41	0.52	0.50
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	0.52	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.52	0.66	0.64
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	0.30	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL	-	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL	-	0.24	0.24	0.23	0.24	0.22	0.22	0.23	0.23	-	-	-
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL	-	0.07	0.07	0.07	0.07	0.06	0.06	0.07	0.07	-	-	-
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL	-	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	-	-	-
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL	-	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.23	-	-	-
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL	-	0.14	0.14	0.14	0.14	0.13	0.11	0.12	0.12	-	-	-
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL	-	**1.06**	**1.06**	**1.05**	**1.05**	**1.03**	**1.01**	**1.02**	1.03	-	-	-
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	0.85	0.98	0.98	0.98	0.99	0.98	0.96	0.97	0.96	0.93	0.91	0.91
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	0.16	0.23	0.23	0.23	0.23	0.25	0.26	0.26	0.26	0.17	0.17	0.17
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	0.08	0.11	0.11	0.11	0.11	0.12	0.13	0.12	0.12	0.08	0.08	0.08
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	0.23	0.21	0.21	0.21	0.20	0.19	0.19	0.20	0.20	0.33	0.29	0.28
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	0.13	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL	-	0.17	0.17	0.17	0.17	0.16	0.15	0.17	0.17	0.15	0.14	0.14
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	0.61	0.35	0.35	0.34	0.34	0.32	0.31	0.34	0.34	0.29	0.29	0.29
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	0.28	0.24	0.24	0.23	0.23	0.22	0.21	0.23	0.23	0.21	0.21	0.21
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	0.15	0.12	0.13	0.12	0.12	0.11	0.11	0.12	0.12	0.11	0.10	0.10
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	0.40	0.37	0.37	0.36	0.36	0.34	0.34	0.35	0.35	0.57	0.51	0.47
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	0.31	0.28	0.28	0.28	0.28	0.27	0.27	0.28	0.28	0.45	0.40	0.37
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	0.13	0.19	0.19	0.19	0.19	0.21	0.21	0.21	0.21	0.14	0.14	0.14
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL	-	1.50	1.50	1.49	1.49	1.47	-	-	-	-	-	-
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL	-	3.75	3.75	-	-	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL	-	**13.36**	**13.30**	-	-	-	-	-	-	-	-	-
US 378	6162	US 378 West of SELL Segment F	ALL	-	0.56	0.56	0.32	0.32	0.33	0.26	0.23	0.23	0.25	0.25	0.24
US 378	1235	US 378 East of SELL Segment F	ALL	0.91	0.63	0.62	1.00	1.00	1.04	0.81	0.72	0.72	0.79	0.78	0.76
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL	-	1.96	2.04	-	-	-	-	-	-	-	-	-
US 701	6164	US 701 West of SELL Segment F	ALL	-	5.46	5.28	4.03	3.91	1.40	1.43	4.13	4.03	1.20	1.24	1.26
US 701	6168	US 701 East of SELL Segment F	ALL	-	1.98	2.03	5.38	5.21	1.87	1.91	5.51	5.38	1.60	1.65	1.68
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL	-	**5.35**	**5.56**	5.33	5.55	-	-	5.20	5.38	-	-	-
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL	-	1.20	-	1.20	-	-	-	**1.17**	-	-	-	-
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL	-	0.32	-	0.31	-	-	-	0.31	-	-	-	-
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL	-	0.44	-	0.42	-	-	-	0.44	-	-	-	-
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL	-	0.29	-	0.29	-	-	-	0.29	-	-	-	-
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL	-	0.43	-	0.43	-	-	-	0.41	-	-	-	-
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	0.12	-	0.12	-	-	-	0.12	-	-	-	-
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	-	0.10	-	0.10	-	-	-	0.10	-	-	-	-
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL	-	1.73	-	1.70	-	-	-	1.69	-	-	-	-
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL	-	0.73	-	0.73	-	-	-	0.74	-	-	-	-
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL	-	8.82	-	8.75	-	-	-	8.83	-	-	-	-
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL	-	0.40	-	0.39	-	-	-	0.38	-	-	-	-
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	1.20	-	0.72	-	0.71	1.38	1.37	-	0.71	0.98	0.97	0.97
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	0.57	0.68	0.42	0.66	0.41	0.65	0.64	0.65	0.41	0.50	0.50	0.50
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	0.53	0.64	0.44	0.63	0.44	0.58	0.58	0.62	0.44	0.49	0.49	0.49
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	0.54	0.66	0.46	0.65	0.45	0.60	0.60	0.64	0.45	0.50	0.50	0.50
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	1.35	1.34	1.30	1.33	1.30	1.36	1.36	1.33	1.30	1.33	1.32	1.32
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	0.68	0.72	0.45	0.71	0.45	0.78	0.78	0.70	0.45	0.58	0.57	0.57

SELL ALTERNATIVES
2040 TOTAL DAILY TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	1.36	1.22	0.66	1.19	0.66	1.64	1.63	1.17	0.66	1.08	1.06	1.05
HOLMESTOWN ROAD	**6101**	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	0.18	**0.16**	0.09	**0.16**	0.09	0.22	0.22	**0.15**	0.09	0.14	0.14	0.14
SC 707	1141	SC 707 South of Holmestown Road	ALL	2.46	-	2.39	-	2.38	2.67	2.72	-	2.36	2.61	2.53	2.55
SC 707	718	SC 707 North of Holmestown Road	ALL	10.48	-	9.32	-	9.22	11.52	11.63	-	9.17	10.07	9.72	9.58
SELL ALTERNATIVES	**6142**	**SELL Segment GG between SC 707 and US 17 Bypass**	SELL	-	-	**2.03**	-	**2.03**	-	-	-	**2.01**	-	-	-
SELL ALTERNATIVES	**6143**	**SELL Segment GG west of SC 707**	SELL	-	-	0.90	-	0.90	-	-	-	**0.87**	-	-	-
SC 707	1133	SC 707 South of Segment GG	ALL	2.41	1.75	2.37	1.73	2.33	1.46	1.47	1.71	2.30	1.44	1.40	1.40
SC 707	6141	SC 707 North of Segment GG	ALL	-	1.57	0.99	1.55	0.99	1.28	1.29	1.54	0.98	1.27	1.24	1.25
SELL ALTERNATIVES	6175	**SELL Segment E**	SELL	-	-	-	3.62	3.63	3.56	-	-	-	-	-	-
SELL ALTERNATIVES	6184	**SELL Segment E**	SELL	-	-	-	5.09	5.07	4.87	-	-	-	-	-	-
US 378	6173	US 378 West of SELL Segment E	ALL	-	0.69	0.69	1.90	1.86	2.28	1.04	0.91	0.91	0.97	0.94	0.95
US 378	1219	US 378 East of SELL Segment E	ALL	1.39	0.38	0.38	0.58	0.58	1.52	0.57	0.50	0.50	0.53	0.51	0.52
SELL ALTERNATIVES	6172	**SELL Segment S**	SELL	-	-	-	7.29	7.26	-	-	-	-	-	-	-
SELL ALTERNATIVES	**6170**	**SELL Segment Z**	SELL	-	-	-	**0.38**	**0.38**	-	-	**0.38**	**0.37**	-	-	-
SELL ALTERNATIVES	**6169**	**SELL Segment Z**	SELL	-	-	-	**2.18**	**2.27**	-	-	2.13	**2.20**	-	-	-
US 701	6168	US 701 West of SELL Segment Z	ALL	-	1.98	2.03	5.38	5.21	1.87	1.91	5.51	5.38	1.60	1.65	1.68
US 701	1277	US 701 East of SELL Segment Z	ALL	4.30	1.52	1.56	1.58	1.60	1.43	1.46	1.48	1.48	1.22	1.27	1.29
SELL ALTERNATIVES	6185	**SELL Segment T**	SELL	-	-	-	-	-	0.80	-	-	-	-	-	-
SELL ALTERNATIVES	6186	**SELL Segment U**	SELL	-	-	-	-	-	**2.21**	-	-	-	-	-	-
SELL ALTERNATIVES	**6188**	**SELL Segment W West of US 701**	SELL	-	-	-	-	-	0.48	**0.51**	-	-	-	-	-
SELL ALTERNATIVES	**6190**	**SELL Segment W East of US 701/West of SC 544**	SELL	-	-	-	-	-	**7.24**	**7.10**	-	-	-	-	-
SELL ALTERNATIVES	**6192**	**SELL Segment W East of SC 544/West of Carolina Bays Parkway**	SELL	-	-	-	-	-	**2.83**	**2.81**	-	-	-	-	-
US 701	1279	US 701 North of SELL Segment U	ALL	3.58	0.88	0.88	0.86	0.85	2.84	1.97	0.82	0.81	1.48	1.51	1.48
US 701	6187	US 701 South of SELL Segment U	ALL	-	1.27	1.27	1.23	1.22	6.69	7.34	1.18	1.17	2.13	2.17	2.13
SC 544	6189	SC 544 North of SELL Segment W	ALL	-	0.44	0.45	0.44	0.44	0.55	0.55	0.43	0.44	0.65	0.55	0.52
SC 544	705	SC 544 South of SELL Segment W	ALL	5.61	2.92	3.00	2.90	2.96	4.67	4.62	2.88	2.91	4.30	3.64	3.44
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	7.93	4.71	4.69	4.69	4.66	5.57	5.43	4.70	4.67	5.34	5.38	5.48
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL	-	2.57	2.55	2.55	2.54	4.68	4.62	2.56	2.54	2.91	2.93	2.98
SELL ALTERNATIVES	**6183**	**SELL Segment D**	**SELL**	-	-	-	-	-	-	5.17	5.24	**5.24**	-	-	-
SELL ALTERNATIVES	**6182**	**SELL Segment D**	**SELL**	-	-	-	-	-	-	0.85	0.82	0.82	-	-	-
US 378	2304	US 378 west of SELL Segment D	SELL	0.50	0.29	0.29	0.32	0.32	0.25	0.91	0.63	0.62	0.65	0.53	0.44
US 378	6181	US 378 east of SELL Segment D	SELL	-	0.07	0.07	0.08	0.08	0.06	0.38	0.13	0.13	0.16	0.14	0.11
US 378	1281	US 378 east of SELL Segment D	SELL	1.84	1.18	1.18	1.30	1.30	1.08	1.53	1.58	1.61	1.16	1.18	1.76
SELL ALTERNATIVES	6180	**SELL Segment I**	SELL	-	-	-	-	-	-	1.88	1.81	1.81	-	-	-
SELL ALTERNATIVES	6179	**SELL Segment L**	SELL	-	-	-	-	-	-	3.21	3.10	3.09	-	-	-
SELL ALTERNATIVES	6193	**SELL Segment Q**	SELL	-	-	-	-	-	-	1.37	-	-	-	-	-
SELL ALTERNATIVES	6178	**SELL Segment R**	SELL	-	-	-	-	-	-	-	1.28	1.28	-	-	-
SELL ALTERNATIVES	6177	**SELL Segment R**	SELL	-	-	-	-	-	-	-	3.01	3.00	-	-	-
SELL ALTERNATIVES	6176	**SELL Segment X**	SELL	-	-	-	-	-	-	-	2.88	2.88	-	-	-
SELL ALTERNATIVES	6199	**SELL Segment O**	SELL	-	-	-	-	-	-	-	-	-	5.51	-	-
SELL ALTERNATIVES	6200	**SELL Segment K**	SELL	-	-	-	-	-	-	-	-	-	3.38	1.83	-
SELL ALTERNATIVES	6197	**SELL Segment M**	SELL	-	-	-	-	-	-	-	-	-	-	1.95	-
Conway Perimeter Road (SELL Segment K)	6206	**Conway Perimeter Road from New Road to US 701**	ALL	-	-	-	-	-	-	-	-	-	0.36	0.29	-
Conway Perimeter Road (SELL Segment H)	6195	**Conway Perimeter Road from US 701 to Cates Bay Highway**	ALL	-	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.01	0.96	1.16
Conway Perimeter Road (SELL Segment H)	6204	**Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road**	ALL	-	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.23	0.20	0.22
Conway Perimeter Road (SELL Segment H)	6203	**Conway Perimeter Road north of Relocated Dirty Branch Road**	ALL	-	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.45	1.36	1.65
Conway Perimeter Road (SELL Segment H)	6205	**Conway Perimeter Road south of US 378**	ALL	-	0.93	0.93	0.93	0.93	0.93	0.94	0.93	0.93	0.87	0.86	0.97
Conway Perimeter Road (SELL Segment H)	4696	**Conway Perimeter Road north of US 378**	ALL	0.41	0.41	0.41	0.41	0.41	0.42	0.43	0.41	0.41	0.40	0.39	0.45
Conway Perimeter Road (SELL Segment H)	4698	**Conway Perimeter Road south of Dunn Short Cut**	ALL	1.16	1.15	1.15	1.15	1.15	1.16	1.18	1.16	1.16	1.00	0.97	1.24
Conway Perimeter Road (SELL Segment H)	1246	**Conway Perimeter Road between Dunn Short Cut and US 501**	ALL	0.59	0.47	0.47	0.47	0.47	0.47	0.48	0.47	0.47	0.46	0.45	0.52
New Road	587	New Road south of Conway Perimeter Road	ALL	0.67	0.66	0.66	0.66	0.66	0.65	0.65	0.66	0.66	0.75	0.70	0.68
New Road	1094	New Road north of Conway Perimeter Road	ALL	0.84	0.83	0.83	0.83	0.83	0.82	0.82	0.83	0.83	0.89	0.82	0.86
US 701	6194	US 701 south of Conway Perimeter Road	ALL	-	0.42	0.42	0.41	0.41	0.43	0.41	0.40	0.40	0.40	0.41	0.46
US 701	583	US 701 north of Conway Perimeter Road	ALL	0.65	0.18	0.18	0.18	0.18	0.19	0.18	0.18	0.18	0.23	0.20	0.20
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	1.22	0.68	0.68	0.67	0.68	0.71	0.80	0.69	0.70	2.23	2.31	2.11
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	0.67	0.34	0.34	0.34	0.35	0.33	0.35	0.34	0.35	0.31	0.31	0.36
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL	-	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.41	2.33	2.16
US 378	4694	US 378 west of Conway Perimeter Road	ALL	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35
US 378	632	US 378 east of Conway Perimeter Road	ALL	0.91	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	3.05	3.04	3.04	3.04	3.04	3.04	3.07	3.06	3.06	3.05	3.05	3.05
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	0.61	0.57	0.56	0.55	0.55	0.53	0.52	0.54	0.54	0.52	0.51	0.51

SELL ALTERNATIVES
2040 TOTAL DAILY TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	1.40	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.33	1.34	1.34
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	0.38	0.35	0.34	0.34	0.34	0.32	0.32	0.33	0.33	0.32	0.31	0.31
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	1.10	1.01	1.00	0.99	0.99	0.94	0.92	0.97	0.97	0.93	0.90	0.90
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	0.53	0.44	0.44	0.43	0.43	0.40	0.39	0.42	0.42	0.42	0.39	0.38
Enoch Road	1290	Enoch Road north of US 501	ALL	1.74	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.99	1.91	1.92
Handwick Road	1697	Handwick Road north of US 501	ALL	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	1.04	0.89	0.89	0.86	0.86	0.79	0.78	0.83	0.84	0.83	0.78	0.76
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	1.28	1.07	1.07	1.05	1.06	0.98	0.99	1.04	1.04	1.05	0.97	0.95
Four Mile Road	2442	Four Mile Road east of US 501	ALL	0.85	0.84	0.84	0.84	0.84	0.84	0.85	0.84	0.85	0.85	0.85	0.84
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	0.40	0.34	0.34	0.34	0.34	0.31	0.32	0.33	0.33	0.34	0.32	0.31
Four Mile Road	1248	Four Mile Road west of US 501	ALL	2.14	2.14	2.14	2.14	2.14	2.14	2.15	2.14	2.14	2.14	2.15	2.15
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	0.67	0.56	0.56	0.56	0.56	0.53	0.55	0.56	0.56	0.56	0.53	0.51
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	1.68	1.43	1.43	1.42	1.43	1.30	1.35	1.40	1.41	1.41	1.28	1.23
Cultra Road	1096	Cultra Road north of US 501	ALL	1.50	1.45	1.45	1.46	1.46	1.54	1.50	1.46	1.46	1.53	1.57	1.56
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	0.50	0.47	0.47	0.47	0.47	0.46	0.47	0.48	0.48	0.45	0.44	0.43
US 501	612	US 501/Church St north of Fox Point Road	ALL	0.99	0.89	0.90	0.90	0.90	0.86	0.87	0.91	0.92	0.83	0.81	0.77
Fox Point Road	613	Fox Point Road east of US 501	ALL	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
US 501	614	US 501/Church St south of Fox Point Road	ALL	0.67	0.57	0.57	0.57	0.57	0.55	0.55	0.57	0.58	0.53	0.51	0.49
US 501	611	US 501/Church St north of Mill Pond Road	ALL	0.67	0.66	0.66	0.66	0.66	0.60	0.60	0.66	0.66	0.55	0.54	0.59
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	0.79	0.76	0.76	0.76	0.76	0.71	0.71	0.77	0.77	0.67	0.67	0.70
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	0.86	0.85	0.85	0.85	0.85	0.85	0.86	0.85	0.85	0.85	0.84	0.85
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	0.35	0.33	0.33	0.33	0.33	0.29	0.29	0.33	0.33	0.31	0.30	0.36
16th Avenue	607	16th Avenue south of US 501	ALL	0.80	0.67	0.67	0.67	0.67	0.67	0.65	0.68	0.68	0.69	0.67	0.75
16th Avenue	609	16th Avenue north of US 501	ALL	0.48	0.44	0.44	0.44	0.44	0.45	0.44	0.44	0.44	0.51	0.50	0.48
Pine Street	5708	Pine Street east of US 501	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	0.45	0.42	0.42	0.42	0.42	0.41	0.40	0.42	0.42	0.43	0.40	0.42
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	0.60	0.57	0.58	0.57	0.57	0.55	0.54	0.57	0.57	0.55	0.54	0.59
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
US 501	605	US 501/Church Street south of 9th Avenue	ALL	0.48	0.50	0.50	0.50	0.49	0.41	0.39	0.50	0.50	0.46	0.43	0.49
9th Avenue	603	9th Avenue west of US 501	ALL	0.42	0.40	0.40	0.40	0.40	0.41	0.42	0.40	0.40	0.41	0.41	0.41
9th Avenue	604	9th Avenue east of US 501	ALL	0.64	0.63	0.63	0.62	0.62	0.62	0.62	0.63	0.62	0.68	0.64	0.64
US 501	600	US 501/Church St north of Wright Blvd	ALL	0.57	0.56	0.57	0.56	0.57	0.58	0.54	0.56	0.56	0.68	0.56	0.59
US 501	598	US 501/Church St south of Wright Blvd	ALL	0.42	0.22	0.22	0.21	0.22	0.18	0.17	0.22	0.22	0.21	0.16	0.33
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	0.56	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	0.47	0.41	0.41	0.41	0.41	0.39	0.39	0.41	0.41	0.41	0.39	0.44
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	1.51	1.04	1.10	1.08	1.10	0.62	0.62	1.07	1.12	0.54	0.51	1.54
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	0.68	0.47	0.49	0.48	0.49	0.28	0.28	0.48	0.50	0.24	0.23	0.46
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	7.14	4.30	4.45	4.26	4.47	1.87	1.80	4.27	4.49	1.34	1.00	4.75
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	21.50	12.94	13.40	12.82	13.45	5.63	5.40	12.87	13.51	4.05	3.02	14.30
US 501	6196	US 501 north of SELL Segment M	ALL	-	1.31	1.35	1.29	1.36	0.57	0.55	1.30	1.36	0.41	0.31	1.44
US 501	594	US 501 south of SELL Segment M	ALL	12.74	6.36	6.59	6.30	6.62	2.77	2.66	6.33	6.64	1.99	12.42	7.03
US 501	571	US 501 west of SC 544	ALL	2.23	1.42	1.48	1.41	1.48	0.87	0.87	1.42	1.49	0.77	2.59	1.60
US 501	573	US 501 EB east of SC 544	ALL	0.53	0.34	0.36	0.34	0.36	0.29	0.28	0.34	0.36	0.29	0.22	0.22
US 501	5592	US 501 WB east of SC 544	ALL	1.28	0.73	0.78	0.73	0.79	0.53	0.51	0.74	0.77	0.46	0.64	0.57
SC 544	572	SC 544 south of US 501	ALL	2.66	1.48	1.55	1.43	1.52	0.76	0.75	1.43	1.49	0.67	7.00	5.92
SC 544	570	SC 544 north of US 501	ALL	1.96	1.52	1.52	1.56	1.53	1.75	1.81	1.57	1.51	2.04	1.76	1.98
BR 501	2919	BR 501 south of US 501	ALL	0.43	0.33	0.34	0.33	0.34	0.25	0.24	0.33	0.34	0.23	0.26	0.25
BR 501	5595	BR 501 between loop ramps	ALL	0.12	0.09	0.10	0.09	0.10	0.07	0.07	0.09	0.10	0.07	0.08	0.07
BR 501	5593	BR 501 north of US 501	ALL	1.39	0.93	0.92	0.92	0.92	0.73	0.73	0.91	0.94	0.80	2.49	2.37
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	0.16	0.11	0.11	0.11	0.12	0.10	0.10	0.11	0.11	0.10	1.85	1.53
US 501	591	US 501 EB east of SC 544	ALL	0.73	0.47	0.49	0.47	0.49	0.41	0.41	0.47	0.49	0.44	2.15	1.81
US 501	5600	US 501 WB east of SC 544	ALL	0.15	0.15	0.15	0.14	0.15	0.14	0.14	0.15	0.15	0.14	0.37	0.31
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	0.31	0.26	0.27	0.26	0.27	0.22	0.22	0.26	0.27	0.22	0.71	0.62
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	0.53	0.48	0.48	0.45	0.47	0.34	0.34	0.47	0.47	0.48	1.44	1.38
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	1.01	0.66	0.68	0.66	0.66	0.44	0.43	0.65	0.67	0.37	0.77	0.73
SC 544	572	SC 544 north of Cox Ferry Road	ALL	2.66	1.48	1.55	1.43	1.52	0.76	0.75	1.43	1.49	0.67	7.00	5.92
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	1.22	0.92	0.92	0.91	0.91	0.67	0.64	0.89	0.92	0.55	1.30	1.22
SC 544	2912	SC 544 south of BR 501	ALL	2.70	1.50	1.54	1.47	1.51	0.82	0.78	1.46	1.52	0.62	1.92	1.75

SELL ALTERNATIVES
2040 TOTAL DAILY TRAVEL TIME

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	4623	SC 544 north of University Blvd	ALL	4.20	2.23	2.31	2.19	2.26	1.21	1.14	2.15	2.28	0.88	2.96	2.69
SC 544	4614	SC 544 south of University Blvd	ALL	1.36	0.56	0.58	0.56	0.58	0.37	0.36	0.56	0.56	0.46	0.82	0.75
University Blvd	4844	University Blvd east of SC 544	ALL	0.47	0.45	0.45	0.44	0.44	0.43	0.43	0.44	0.44	0.61	0.47	0.45
SC 544	6198	SC 544 north of SELL Segment O	ALL	-	1.13	1.15	1.10	1.14	0.67	0.64	1.10	1.13	0.70	1.42	1.35
SC 544	4620	SC 544 south of SELL Segment O	ALL	3.56	1.54	1.59	1.52	1.55	0.94	0.90	1.51	1.53	3.25	1.91	1.79
SC 544	1114	SC 544 north of Singleton Ridge	ALL	2.27	1.56	1.58	1.54	1.56	1.04	1.00	1.53	1.58	3.28	2.03	1.93
SC 544	1505	SC 544 south of Singleton Ridge	ALL	1.54	0.93	0.95	0.91	0.93	0.55	0.53	0.90	0.93	1.63	1.23	1.17
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	1.98	2.15	2.14	2.15	2.14	2.13	2.15	2.18	2.18	2.43	2.24	2.23
SC 544	4064	SC 544 north of CC 4065	ALL	1.34	0.78	0.80	0.76	0.78	0.46	0.45	0.76	0.78	1.31	0.96	0.92
SC 544	577	SC 544 south of CC 4065	ALL	0.63	0.41	0.41	0.41	0.41	0.19	0.18	0.39	0.40	0.60	0.45	0.43
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	2.07	1.38	1.41	1.33	1.37	0.67	0.64	1.34	1.32	2.15	1.66	1.55
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	2.47	1.78	1.84	1.76	1.81	1.71	1.66	1.75	1.78	2.51	2.18	2.08
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	1.75	1.35	1.31	1.39	1.33	1.52	1.50	1.37	1.32	1.86	1.45	1.52
SC 544	707	SC 544 south of CC 2810 and 89	ALL	6.20	3.72	3.82	3.69	3.76	4.62	4.63	3.66	3.70	5.47	4.63	4.37
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL	-	0.44	0.45	0.44	0.44	0.55	0.55	0.43	0.44	0.65	0.55	0.52
SC 544	705	SC 544 north of CC 57	ALL	5.61	2.92	3.00	2.90	2.96	4.67	4.62	2.88	2.91	4.30	3.64	3.44
SC 544	706	SC 544 south of CC 57	ALL	3.62	2.12	2.18	2.09	2.14	2.19	2.17	2.07	2.11	2.70	2.28	2.15
SC 544	2817	SC 544 south of CC 2904/2818	ALL	2.84	1.76	1.79	1.76	1.77	1.71	1.70	1.74	1.76	2.07	1.74	1.64
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	0.60	0.50	0.50	0.50	0.50	0.49	0.48	0.50	0.50	0.61	0.56	0.54
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	2.42	0.98	0.82	0.90	0.79	0.46	0.40	0.87	0.74	2.43	1.92	1.73
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	0.40	0.41	0.41	0.41	0.41	0.40	0.40	0.42	0.41	0.40	0.40	0.40
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	0.11	0.09	0.09	0.09	0.09	0.11	0.11	0.09	0.09	0.10	0.10	0.09
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
SC 544	6060	SC 544 between Loop On-Ramp to NB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.03
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	0.05	0.04	0.04	0.04	0.03	0.05	0.04	0.03	0.03	0.03	0.03	0.03
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	0.94	0.92	0.90	0.90	0.89	1.16	1.12	0.89	0.89	0.82	0.77	0.76
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	0.38	0.36	0.35	0.35	0.34	0.25	0.24	0.35	0.35	0.34	0.36	0.37
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL	-	0.13	0.13	0.13	0.13	0.10	0.10	0.13	0.14	0.11	0.11	0.11
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	0.32	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	1.23	1.05	0.86
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	3.48	0.65	0.64	0.66	0.65	0.64	0.57	0.65	0.65	0.75	0.79	0.79
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	7.93	4.71	4.69	4.69	4.66	5.57	5.43	4.70	4.67	5.34	5.38	5.48
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	0.80	0.47	0.48	0.46	0.46	1.18	1.12	0.45	0.46	0.68	0.68	0.69
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	0.22	0.19	0.19	0.19	0.19	0.27	0.28	0.19	0.19	0.21	0.21	0.21
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	3.48	2.55	2.54	2.53	2.52	3.69	3.63	2.53	2.51	3.15	3.06	3.03
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL	-	0.19	0.19	0.18	0.18	0.39	0.38	0.18	0.18	0.36	0.34	0.33
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	0.48	0.08	0.08	0.07	0.07	0.09	0.10	0.07	0.07	0.19	0.19	0.19
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	0.39	0.40	0.40	0.40	0.40	0.49	0.49	0.40	0.40	0.45	0.45	0.46
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	0.94	0.92	0.90	0.90	0.89	1.16	1.12	0.89	0.89	0.82	0.77	0.76
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	0.58	0.52	0.51	0.51	0.51	0.77	0.76	0.51	0.50	0.54	0.50	0.51
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	2.59	3.28	3.22	3.34	3.23	3.36	3.27	3.34	3.27	3.45	3.47	3.52
SC 544	4596	SC 544 south of CC 4595	ALL	1.09	0.79	0.77	0.77	0.75	1.17	1.16	0.76	0.74	0.82	0.74	0.74
SC 544	2901	SC 544 north of 707 Connector	ALL	2.27	1.63	1.59	1.61	1.57	2.44	2.41	1.58	1.55	1.71	1.54	1.54
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	0.66	0.59	0.58	0.58	0.57	0.77	0.76	0.58	0.57	0.65	0.60	0.60
707 Connector	2903	707 Connector west of SC 544	ALL	0.44	0.39	0.39	0.39	0.39	0.41	0.40	0.39	0.39	0.49	0.49	0.48
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	0.76	0.57	0.55	0.57	0.55	0.91	0.95	0.57	0.55	0.62	0.59	0.60
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	2.14	2.31	2.29	2.32	2.29	2.41	2.30	2.32	2.25	2.54	2.52	2.50
SC 544	6069	SC 544 north of CC 4536	ALL	0.29	0.23	0.22	0.23	0.22	0.35	0.36	0.23	0.22	0.22	0.21	0.21
SC 544	4535	SC 544 south of CC 4536	ALL	1.16	0.92	0.88	0.91	0.87	1.38	1.44	0.91	0.86	0.88	0.84	0.84
SC 544	4631	SC 544 north of Big Block Road	ALL	1.34	0.91	0.88	0.90	0.87	1.49	1.51	0.90	0.86	0.87	0.82	0.81
SC 544	983	SC 544 south of Big Block Road	ALL	3.76	2.73	2.46	2.69	2.42	4.40	4.39	2.69	2.41	1.67	1.57	1.56
Big Block Road	4633	Big Block Road west of SC 544	ALL	0.86	0.90	0.89	0.90	0.88	0.92	0.91	0.91	0.88	0.85	0.86	0.88
SC 544	4722	SC 544 east of CC 4912	ALL	4.92	3.57	3.17	3.53	3.13	5.82	5.87	3.53	3.12	2.09	1.95	1.94
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	1.72	1.18	1.08	1.16	1.06	2.04	2.05	1.16	1.04	0.81	0.75	0.75
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	1.43	1.29	1.18	1.28	1.19	1.56	1.57	1.26	1.19	0.69	0.66	0.66
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	1.05	0.94	0.93	0.90	0.89	1.11	1.13	0.94	0.90	1.84	1.79	1.76
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	16.40	16.58	16.58	16.47	16.47	16.71	16.66	16.40	16.39	16.88	16.78	16.79

Appendix G—Peak (Maximum) V/C

SELL ALTERNATIVES
2040 TOTAL DAILY MAX. V/C Ratio

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	0.90	0.66	0.67	0.68	0.67	0.83	0.87	0.74	0.74	0.34	0.45	0.51
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL	--	0.55	0.55	0.55	0.56	0.80	0.78	0.54	0.54	--	--	--
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL	--	0.23	0.25	0.24	0.23	0.18	0.19	0.41	0.41	0.34	0.45	0.51
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	0.34	0.16	0.16	0.16	0.16	0.16	0.16	0.18	0.18	0.87	0.83	0.80
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	1.24	0.38	0.40	0.40	0.39	0.24	0.36	0.58	0.58	1.21	1.28	1.28
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL	--	0.05	0.05	0.01	0.01	0.02	0.02	0.01	0.01	--	--	--
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL	--	0.54	0.54	0.55	0.55	0.79	0.76	0.53	0.53	--	--	--
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL	--	1.00	1.01	0.99	1.00	0.94	0.84	0.92	0.94	--	--	--
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL	--	0.79	0.81	0.77	0.79	0.58	0.50	0.72	0.74	--	--	--
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL	--	0.06	0.05	0.03	0.02	0.05	0.02	0.01	0.01	--	--	--
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL	--	0.77	0.79	0.76	0.78	0.56	0.49	0.71	0.73	--	--	--
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL	--	0.77	0.79	0.76	0.78	0.56	0.49	0.71	0.73	--	--	--
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	0.44	0.91	0.93	0.91	0.92	0.68	0.64	0.91	0.91	0.44	0.46	0.46
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	1.23	0.91	0.93	0.91	0.92	0.68	0.64	0.91	0.91	1.23	1.29	1.28
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	1.23	0.29	0.30	0.30	0.30	0.20	0.26	0.48	0.48	1.23	1.29	1.28
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	0.87	0.29	0.30	0.30	0.30	0.20	0.26	0.48	0.48	0.40	0.48	0.57
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL	--	0.68	0.69	0.69	0.70	0.84	0.86	0.77	0.77	0.40	0.48	0.57
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL	--	0.84	0.84	0.83	0.83	0.63	0.55	0.77	0.78	--	--	--
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL	--	0.85	0.86	0.83	0.84	0.64	0.56	0.77	0.78	--	--	--
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL	--	0.14	0.15	0.14	0.15	0.14	0.16	0.18	0.18	--	--	--
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL	--	0.80	0.81	0.79	0.79	0.59	0.50	0.71	0.71	--	--	--
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL	--	1.03	1.03	1.02	1.02	0.97	0.88	0.94	0.94	--	--	--
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL	--	0.79	0.79	0.78	0.78	0.74	0.67	0.72	0.72	--	--	--
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	1.09	1.20	1.20	1.20	1.21	1.20	1.19	1.19	1.19	1.16	1.14	1.15
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	**1.40**	**1.61**	**1.61**	**1.61**	**1.61**	**1.66**	**1.68**	**1.68**	**1.67**	**1.43**	**1.41**	**1.43**
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	**1.40**	**1.60**	**1.60**	**1.60**	**1.59**	**1.64**	**1.68**	**1.65**	**1.65**	**1.41**	**1.40**	**1.42**
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	0.94	0.80	0.79	0.78	0.78	0.66	0.63	0.75	0.75	1.25	1.16	1.11
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	1.07	0.80	0.79	0.78	0.78	0.66	0.63	0.75	0.75	0.71	0.68	0.67
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL	--	0.88	0.87	0.87	0.86	0.75	0.73	0.86	0.86	0.71	0.68	0.67
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	1.07	0.91	0.90	0.87	0.87	0.78	0.74	0.86	0.87	0.71	0.68	0.67
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	1.08	0.91	0.90	0.87	0.87	0.78	0.75	0.86	0.87	0.83	0.78	0.78
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	1.08	0.90	0.90	0.87	0.87	0.76	0.75	0.85	0.86	0.70	0.66	0.66
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	0.93	0.81	0.81	0.78	0.77	0.66	0.65	0.75	0.75	1.23	1.14	1.08
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	0.93	0.79	0.78	0.77	0.77	0.65	0.64	0.75	0.74	1.23	1.14	1.08
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	**1.40**	**1.61**	**1.61**	**1.61**	**1.61**		**1.66**	**1.68**	**1.67**	**1.43**	**1.41**	**1.43**
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL	--	0.79	0.79	0.78	0.78	0.74	--	--	--	--	--	--
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL	--	0.79	0.79	--	--	--	--	--	--	--	--	--
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL	--	0.90	0.90	--	--	--	--	--	--	--	--	--
US 378	6162	US 378 West of SELL Segment F	ALL	--	**1.38**	**1.38**	1.18	1.18	1.19	1.08	1.01	1.01	1.06	1.05	1.04
US 378	1235	US 378 East of SELL Segment F	ALL	0.97	0.89	0.87	1.18	1.18	1.19	1.08	1.01	1.01	1.06	1.05	1.04
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL	--	0.95	0.98	--	--	--	--	--	--	--	--	--
US 701	6164	US 701 West of SELL Segment F	ALL	--	**2.31**	**2.29**	**2.12**	**2.10**	**1.50**	**1.51**	**2.13**	**2.12**	**1.41**	**1.43**	**1.44**
US 701	6168	US 701 East of SELL Segment F	ALL	--	**1.54**	**1.55**	**2.12**	**2.10**		**1.51**	**2.13**	**2.12**	**1.41**	**1.43**	**1.44**
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL	--	0.95	0.98	0.95	0.98	--	--	0.93	0.96	--	--	--
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL	--	0.95	--	0.95	--	--	--	0.93	--	--	--	--
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL	--	1.25	--	1.24	--	--	--	1.24	--	--	--	--
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL	--	1.28	--	1.28	--	--	--	1.28	--	--	--	--
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL	--	1.24	--	1.23	--	--	--	1.23	--	--	--	--
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL	--	1.25	--	1.25	--	--	--	1.24	--	--	--	--
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	--	0.49	--	0.47	--	--	--	0.46	--	--	--	--
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	--	0.49	--	0.47	--	--	--	0.46	--	--	--	--
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL	--	**2.30**	--	**2.29**	--	--	--	**2.29**	--	--	--	--
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL	--	**2.06**	--	**2.06**	--	--	--	**2.06**	--	--	--	--
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL	--	**2.39**	--	**2.39**	--	--	--	**2.38**	--	--	--	--
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL	--	1.06	--	1.04	--	--	--	1.03	--	--	--	--
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	**1.35**	--	0.92	--	0.91	**1.44**	**1.43**	--	0.91	1.21	1.20	1.20
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	1.13	1.27	0.80	1.25	0.79	1.23	1.23	1.23	0.79	1.03	1.03	1.03
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	0.90	1.09	0.55	1.08	0.54	1.01	1.00	1.06	0.54	0.79	0.79	0.79
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	0.90	1.09	0.55	1.08	0.54	1.01	1.00	1.06	0.54	0.79	0.79	0.79
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	0.70	0.64	0.00	0.64	0.00	0.73	0.73	0.64	0.00	0.61	0.58	0.58
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	1.14	1.24	0.55	1.22	0.54	1.26	1.26	1.21	0.54	1.01	0.99	0.99

SELL ALTERNATIVES
2040 TOTAL DAILY MAX. V/C Ratio

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	1.42	1.36	0.85	1.34	0.84	1.54	1.53	1.33	0.84	1.28	1.27	1.26
HOLMESTOWN ROAD	6101	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	1.42	1.36	0.85	1.34	0.84	1.54	1.53	1.33	0.84	1.28	1.27	1.26
SC 707	1141	SC 707 South of Holmestown Road	ALL	2.07	--	2.08	--	2.07	2.12	2.13	--	2.07	2.10	2.09	2.09
SC 707	718	SC 707 North of Holmestown Road	ALL	2.40	--	2.32	--	2.31		2.47	--	2.31	2.37	2.35	2.35
SELL ALTERNATIVES	6142	**SELL Segment GG between SC 707 and US 17 Bypass**	SELL	--	--	0.78	--	0.78	--	--	--	0.77	--	--	--
SELL ALTERNATIVES	6143	**SELL Segment GG west of SC 707**	SELL	--	--	0.98	--	0.98	--	--	--	0.96	--	--	--
SC 707	1133	SC 707 South of Segment GG	ALL	1.49	1.63	1.80	1.62	1.79	1.52	1.52	1.62	1.78	1.51	1.49	1.50
SC 707	6141	SC 707 North of Segment GG	ALL	--	1.63	1.39	1.62	1.38		1.52	1.62	1.38	1.51	1.49	1.50
SELL ALTERNATIVES	6175	**SELL Segment E**	SELL	--	--	--	0.78	0.78	0.74	--	--	--	--	--	--
SELL ALTERNATIVES	6184	**SELL Segment E**	SELL	--	--	--	0.89	0.89	0.85	--	--	--	--	--	--
US 378	6173	US 378 West of SELL Segment E	ALL	--	0.77	0.76	1.35	1.35	1.41	1.11	1.04	1.04	1.08	1.06	1.07
US 378	1219	US 378 East of SELL Segment E	ALL	1.03	0.77	0.76	1.13	1.12		1.11	1.04	1.04	1.08	1.06	1.07
SELL ALTERNATIVES	6172	**SELL Segment S**	SELL	--	--	--	0.89	0.89	--	--	--	--	--	--	--
SELL ALTERNATIVES	6170	**SELL Segment Z**	SELL	--	--	--	0.89	0.89	--	--	0.87	0.87	--	--	--
SELL ALTERNATIVES	6169	**SELL Segment Z**	SELL	--	--	--	0.95	0.98	--	--	0.93	0.96	--	--	--
US 701	6168	US 701 West of SELL Segment Z	ALL	--	1.54	1.55	2.12	2.10	1.50	1.51	2.13	2.12	1.41	1.43	1.44
US 701	1277	US 701 East of SELL Segment Z	ALL	1.45	1.54	1.55	1.56	1.57		1.51	1.52	1.52	1.41	1.43	1.44
SELL ALTERNATIVES	6185	**SELL Segment T**	SELL	--	--	--	--	--	0.85	--	--	--	--	--	--
SELL ALTERNATIVES	6186	**SELL Segment U**	SELL	--	--	--	--	--	0.85	--	--	--	--	--	--
SELL ALTERNATIVES	6188	**SELL Segment W West of US 701**	SELL	--	--	--	--	--	0.85	0.90	--	--	--	--	--
SELL ALTERNATIVES	6190	**SELL Segment W East of US 701/West of SC 544**	SELL	--	--	--	--	--	1.22	1.21	--	--	--	--	--
SELL ALTERNATIVES	6192	**SELL Segment W East of SC 544/West of Carolina Bays Parkway**	SELL	--	--	--	--	--	0.94	0.93	--	--	--	--	--
US 701	1279	US 701 North of SELL Segment U	ALL	1.32	0.90	0.90	0.87	0.86	1.72	1.50	0.81	0.79	1.33	1.34	1.33
US 701	6187	US 701 South of SELL Segment U	ALL	--	0.90	0.90	0.87	0.86	2.00	2.06	0.81	0.79	1.33	1.34	1.33
SC 544	6189	SC 544 North of SELL Segment W	ALL	--	1.26	1.27	1.26	1.26	1.34	1.34	1.25	1.26	1.46	1.40	1.38
SC 544	705	SC 544 South of SELL Segment W	ALL	1.44	1.26	1.27	1.26	1.26	1.42	1.42	1.25	1.26	1.46	1.40	1.38
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	1.07	1.03	1.03	1.02	1.02	1.10	1.09	1.03	1.02	1.08	1.09	1.09
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL	--	1.03	1.03	1.02	1.02	1.24	1.24	1.03	1.02	1.08	1.09	1.09
SELL ALTERNATIVES	6183	**SELL Segment D**	**SELL**	--	--	--	--	--	--	0.67	0.72	0.72	--	--	--
SELL ALTERNATIVES	6182	**SELL Segment D**	**SELL**	--	--	--	--	--	--	0.90	0.87	0.87	--	--	--
US 378	2304	US 378 west of SELL Segment D	SELL	1.25	1.12	1.12	1.16	1.16	1.04	1.53	1.41	1.40	1.42	1.35	1.29
US 378	6181	US 378 east of SELL Segment D	SELL	--	1.12	1.12	1.16	1.16	1.04	1.69	1.33	1.33	1.42	1.35	1.29
US 378	1281	US 378 east of SELL Segment D	SELL	1.27	1.07	1.07	1.12	1.12	1.01	1.19	1.21	1.21	1.06	1.07	1.25
SELL ALTERNATIVES	6180	**SELL Segment I**	SELL	--	--	--	--	--	--	0.90	0.87	0.87	--	--	--
SELL ALTERNATIVES	6179	**SELL Segment L**	SELL	--	--	--	--	--	--	0.90	0.87	0.87	--	--	--
SELL ALTERNATIVES	6193	**SELL Segment Q**	SELL	--	--	--	--	--	--	0.90	--	--	--	--	--
SELL ALTERNATIVES	6178	**SELL Segment R**	SELL	--	--	--	--	--	--	--	0.87	0.87	--	--	--
SELL ALTERNATIVES	6177	**SELL Segment R**	SELL	--	--	--	--	--	--	--	0.87	0.87	--	--	--
SELL ALTERNATIVES	6176	**SELL Segment X**	SELL	--	--	--	--	--	--	--	0.87	0.87	--	--	--
SELL ALTERNATIVES	6199	**SELL Segment O**	SELL	--	--	--	--	--	--	--	--	--	1.30	--	--
SELL ALTERNATIVES	6200	**SELL Segment K**	SELL	--	--	--	--	--	--	--	--	--	1.30	1.02	--
SELL ALTERNATIVES	6197	**SELL Segment M**	SELL	--	--	--	--	--	--	--	--	--	--	1.02	--
Conway Perimeter Road (SELL Segment K)	6206	**Conway Perimeter Road from New Road to US 701**	ALL	--	--	--	--	--	--	--	--	--	1.04	0.88	--
Conway Perimeter Road (SELL Segment H)	6195	**Conway Perimeter Road from US 701 to Cates Bay Highway**	ALL	--	0.10	0.10	0.10	0.10	0.10	0.07	0.10	0.10	0.89	0.83	0.14
Conway Perimeter Road (SELL Segment H)	6204	**Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road**	ALL	--	0.21	0.21	0.20	0.20	0.19	0.24	0.21	0.21	1.07	1.00	0.60
Conway Perimeter Road (SELL Segment H)	6203	**Conway Perimeter Road north of Relocated Dirty Branch Road**	ALL	--	0.15	0.15	0.14	0.14	0.16	0.19	0.11	0.11	0.92	0.86	0.51
Conway Perimeter Road (SELL Segment H)	6205	**Conway Perimeter Road south of US 378**	ALL	--	0.27	0.27	0.26	0.26	0.26	0.30	0.23	0.23	0.93	0.90	0.61
Conway Perimeter Road (SELL Segment H)	4696	**Conway Perimeter Road north of US 378**	ALL	0.44	0.41	0.41	0.41	0.41	0.52	0.66	0.48	0.48	0.91	0.88	0.74
Conway Perimeter Road (SELL Segment H)	4698	**Conway Perimeter Road south of Dunn Short Cut**	ALL	0.39	0.34	0.33	0.34	0.34	0.41	0.53	0.40	0.40	0.89	0.86	0.69
Conway Perimeter Road (SELL Segment H)	1246	**Conway Perimeter Road between Dunn Short Cut and US 501**	ALL	0.97	0.42	0.42	0.42	0.43	0.46	0.58	0.43	0.43	0.94	0.90	0.78
New Road	587	New Road south of Conway Perimeter Road	ALL	0.60	0.37	0.41	0.36	0.41	0.10	0.09	0.41	0.44	0.99	0.83	0.73
New Road	1094	New Road north of Conway Perimeter Road	ALL	0.60	0.37	0.41	0.36	0.41	0.10	0.09	0.41	0.44	0.85	0.01	0.73
US 701	6194	US 701 south of Conway Perimeter Road	ALL	--	0.71	0.71	0.66	0.68	0.78	0.68	0.63	0.64	0.62	0.68	0.88
US 701	583	US 701 north of Conway Perimeter Road	ALL	0.85	0.65	0.65	0.60	0.62	0.76	0.65	0.57	0.58	1.01	0.84	0.84
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	1.33	0.81	0.81	0.80	0.81	0.89	1.01	0.84	0.85	1.69	1.71	1.66
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	1.37	0.76	0.77	0.78	0.79	0.71	0.80	0.79	0.81	0.42	0.40	0.84
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL	--	0.18	0.19	0.19	0.19	0.10	0.23	0.30	0.31	0.93	0.85	0.31
US 378	4694	US 378 west of Conway Perimeter Road	ALL	0.63	0.54	0.54	0.56	0.56	0.51	0.56	0.58	0.58	0.53	0.54	0.62
US 378	632	US 378 east of Conway Perimeter Road	ALL	0.67	0.39	0.40	0.41	0.41	0.29	0.32	0.44	0.45	0.22	0.18	0.48
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	0.40	0.25	0.25	0.25	0.26	0.18	0.50	0.47	0.48	0.42	0.35	0.36
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	0.93	0.82	0.81	0.79	0.79	0.68	0.65	0.76	0.76	0.76	0.71	0.70

SELL ALTERNATIVES
2040 TOTAL DAILY MAX. V/C Ratio

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	0.80	0.40	0.41	0.41	0.42	0.39	0.41	0.45	0.45	0.51	0.57	0.60
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	0.95	0.84	0.82	0.80	0.80	0.70	0.66	0.77	0.78	0.78	0.72	0.71
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	0.95	0.84	0.82	0.81	0.81	0.70	0.67	0.78	0.78	0.78	0.72	0.71
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	1.12	0.96	0.97	0.93	0.93	0.83	0.82	0.91	0.92	0.95	0.88	0.86
Enoch Road	1290	Enoch Road north of US 501	ALL	0.63	0.40	0.41	0.39	0.40	0.41	0.45	0.41	0.41	1.03	0.95	0.96
Handwick Road	1697	Handwick Road north of US 501	ALL	0.03	0.07	0.07	0.06	0.06	0.04	0.05	0.03	0.03	0.06	0.06	0.06
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	1.13	0.98	0.98	0.94	0.95	0.84	0.83	0.91	0.92	0.95	0.89	0.86
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	1.11	0.93	0.94	0.92	0.92	0.82	0.83	0.90	0.90	0.95	0.88	0.86
Four Mile Road	2442	Four Mile Road east of US 501	ALL	0.51	0.40	0.41	0.43	0.45	0.38	0.48	0.44	0.45	0.57	0.53	0.42
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	1.08	0.90	0.90	0.90	0.90	0.81	0.84	0.88	0.88	0.97	0.90	0.88
Four Mile Road	1248	Four Mile Road west of US 501	ALL	0.35	0.37	0.37	0.39	0.37	0.40	0.46	0.42	0.41	0.42	0.46	0.48
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	1.14	0.99	0.99	0.99	0.99	0.91	0.96	0.98	0.98	1.01	0.96	0.94
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	1.25	1.12	1.12	1.12	1.12	1.04	1.10	1.11	1.11	1.09	1.03	1.01
Cultra Road	1096	Cultra Road north of US 501	ALL	0.61	0.45	0.45	0.45	0.45	0.67	0.62	0.46	0.46	0.67	0.73	0.72
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	0.88	0.81	0.81	0.82	0.82	0.77	0.80	0.84	0.84	0.73	0.65	0.84
US 501	612	US 501/Church St north of Fox Point Road	ALL	0.97	0.87	0.88	0.88	0.88	0.81	0.84	0.89	0.90	0.74	0.65	0.90
Fox Point Road	613	Fox Point Road east of US 501	ALL	0.27	0.14	0.15	0.14	0.14	0.15	0.23	0.16	0.15	0.31	0.33	0.29
US 501	614	US 501/Church St south of Fox Point Road	ALL	1.02	0.86	0.87	0.87	0.88	0.81	0.84	0.88	0.89	0.75	0.66	0.92
US 501	611	US 501/Church St north of Mill Pond Road	ALL	1.00	1.00	0.99	1.00	1.00	0.91	0.91	1.00	1.01	0.79	0.76	1.00
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	0.96	0.93	0.93	0.93	0.92	0.85	0.85	0.93	0.94	0.74	0.73	0.97
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	0.30	0.19	0.19	0.19	0.19	0.19	0.27	0.20	0.20	0.20	0.15	0.22
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	0.68	0.60	0.60	0.60	0.60	0.58	0.67	0.61	0.61	0.59	0.53	0.59
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	1.14	1.11	1.11	1.11	1.11	1.05	1.03	1.11	1.11	1.09	1.05	1.17
16th Avenue	607	16th Avenue south of US 501	ALL	1.03	0.73	0.73	0.75	0.75	0.74	0.73	0.78	0.78	0.79	0.73	0.92
16th Avenue	609	16th Avenue north of US 501	ALL	0.88	0.75	0.75	0.75	0.74	0.76	0.70	0.75	0.74	0.97	0.94	0.89
Pine Street	5708	Pine Street east of US 501	ALL	0.18	0.23	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.24	0.22
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	1.08	1.05	1.05	1.05	1.05	1.03	1.02	1.05	1.05	1.06	1.02	1.14
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	1.02	0.98	0.98	0.98	0.97	0.94	0.93	0.97	0.97	0.94	0.92	1.07
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	0.16	0.18	0.17	0.17	0.17	0.19	0.19	0.18	0.18	0.22	0.19	0.22
US 501	605	US 501/Church Street south of 9th Avenue	ALL	1.10	1.10	1.11	1.10	1.10	1.08	1.04	1.10	1.10	1.14	1.08	1.16
9th Avenue	603	9th Avenue west of US 501	ALL	0.64	0.43	0.43	0.40	0.40	0.56	0.59	0.45	0.44	0.58	0.51	0.53
9th Avenue	604	9th Avenue east of US 501	ALL	0.81	0.75	0.75	0.73	0.74	0.73	0.73	0.74	0.75	0.88	0.80	0.80
US 501	600	US 501/Church St north of Wright Blvd	ALL	1.13	1.13	1.13	1.13	1.13	1.14	1.10	1.12	1.12	1.21	1.12	1.20
US 501	598	US 501/Church St south of Wright Blvd	ALL	1.41	1.17	1.18	1.16	1.17	1.08	1.03	1.17	1.17	1.16	1.00	1.34
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	0.62	0.40	0.41	0.40	0.42	0.31	0.25	0.41	0.43	0.26	0.20	0.58
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	1.12	0.82	0.85	0.79	0.82	0.67	0.55	0.80	0.81	0.81	0.62	1.00
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	1.43	1.30	1.32	1.31	1.32	1.08	1.09	1.31	1.33	1.00	0.96	1.48
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	1.43	1.30	1.32	1.31	1.32	1.08	1.09	1.31	1.33	1.00	0.96	1.48
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	1.87	1.70	1.71	1.70	1.72	1.44	1.42	1.70	1.72	1.33	1.22	1.79
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	1.87	1.70	1.71	1.70	1.72	1.44	1.42	1.70	1.72	1.33	1.22	1.79
US 501	6196	US 501 north of SELL Segment M	ALL	--	1.70	1.71	1.70	1.72	1.44	1.42	1.70	1.72	1.33	1.22	1.79
US 501	594	US 501 south of SELL Segment M	ALL	1.87	1.70	1.71	1.70	1.72	1.44	1.42	1.70	1.72	1.33	1.99	1.79
US 501	571	US 501 west of SC 544	ALL	1.57	1.42	1.43	1.42	1.43	1.25	1.25	1.42	1.44	1.20	1.71	1.54
US 501	573	US 501 EB east of SC 544	ALL	1.29	1.10	1.12	1.10	1.12	0.99	0.98	1.10	1.12	1.00	0.95	0.91
US 501	5592	US 501 WB east of SC 544	ALL	1.40	1.20	1.23	1.20	1.23	1.04	1.02	1.20	1.22	0.95	1.20	1.15
SC 544	572	SC 544 south of US 501	ALL	2.37	1.95	1.99	1.93	1.97	1.44	1.42	1.93	1.96	1.04	3.11	2.98
SC 544	570	SC 544 north of US 501	ALL	1.80	1.61	1.61	1.63	1.61	1.72	1.74	1.63	1.61	1.83	1.74	1.83
BR 501	2919	BR 501 south of US 501	ALL	1.34	1.16	1.18	1.15	1.18	0.88	0.87	1.16	1.18	0.75	1.05	1.02
BR 501	5595	BR 501 between loop ramps	ALL	1.34	1.16	1.18	1.15	1.18	0.88	0.87	1.16	1.18	0.86	1.05	1.02
BR 501	5593	BR 501 north of US 501	ALL	2.03	1.80	1.79	1.79	1.79	1.66	1.66	1.79	1.80	1.71	2.39	2.36
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	0.11	0.22	0.20	0.20	0.22	0.37	0.39	0.20	0.20	0.30	0.00	0.00
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	1.20	1.01	1.02	0.99	1.04	0.62	0.61	0.99	1.02	0.38	1.67	1.64
US 501	591	US 501 EB east of SC 544	ALL	1.29	1.10	1.12	1.10	1.12	1.03	1.02	1.10	1.12	1.06	1.64	1.59
US 501	5600	US 501 WB east of SC 544	ALL	0.87	0.82	0.82	0.80	0.82	0.77	0.77	0.84	0.81	0.79	1.33	1.26
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	1.27	1.06	1.11	1.05	1.10	0.53	0.49	1.06	1.08	0.11	1.96	1.86
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	1.49	1.40	1.40	1.35	1.38	0.98	0.98	1.38	1.38	1.41	2.24	2.21
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	1.72	1.47	1.50	1.48	1.48	1.22	1.20	1.47	1.48	1.08	1.40	1.38
SC 544	572	SC 544 north of Cox Ferry Road	ALL	2.37	1.95	1.99	1.93	1.97	1.44	1.42	1.93	1.96	1.04	3.11	2.98
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	1.99	1.79	1.78	1.78	1.78	1.54	1.51	1.76	1.79	1.36	2.04	1.99
SC 544	2912	SC 544 south of BR 501	ALL	1.61	1.40	1.41	1.40	1.41	1.18	1.16	1.39	1.41	1.04	1.54	1.51

SELL ALTERNATIVES
2040 TOTAL DAILY MAX. V/C Ratio

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	4623	SC 544 north of University Blvd	ALL	1.61	1.40	1.41	1.40	1.41	1.18	1.16	1.39	1.41	1.04	1.54	1.51
SC 544	4614	SC 544 south of University Blvd	ALL	1.63	1.35	1.36	1.35	1.36	1.18	1.18	1.35	1.36	1.28	1.48	1.46
University Blvd	4844	University Blvd east of SC 544	ALL	1.00	0.95	0.94	0.94	0.94	0.88	0.87	0.94	0.95	1.37	1.03	0.93
SC 544	6198	SC 544 north of SELL Segment O	ALL	--	1.34	1.35	1.33	1.35	1.14	1.12	1.33	1.34	1.16	1.45	1.44
SC 544	4620	SC 544 south of SELL Segment O	ALL	1.49	1.34	1.35	1.33	1.35	1.14	1.12	1.33	1.34	1.62	1.45	1.44
SC 544	1114	SC 544 north of Singleton Ridge	ALL	1.34	1.20	1.21	1.20	1.20	0.99	0.97	1.20	1.21	1.51	1.35	1.34
SC 544	1505	SC 544 south of Singleton Ridge	ALL	1.45	1.26	1.27	1.25	1.26	1.01	0.99	1.25	1.26	1.50	1.40	1.38
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	0.87	0.97	0.96	0.96	0.96	0.96	0.98	0.98	0.98	1.08	1.01	1.00
SC 544	4064	SC 544 north of CC 4065	ALL	1.45	1.26	1.27	1.25	1.26	1.01	0.99	1.25	1.26	1.50	1.40	1.38
SC 544	577	SC 544 south of CC 4065	ALL	1.57	1.43	1.43	1.43	1.43	1.15	1.13	1.42	1.42	1.61	1.52	1.51
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	1.57	1.43	1.43	1.43	1.43	1.15	1.13	1.42	1.42	1.61	1.52	1.51
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	1.34	1.22	1.24	1.22	1.23	1.21	1.19	1.22	1.22	1.40	1.35	1.34
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	1.50	1.30	1.28	1.31	1.29	1.45	1.43	1.36	1.24	1.55	1.32	1.37
SC 544	707	SC 544 south of CC 2810 and 89	ALL	1.44	1.26	1.27	1.26	1.26	1.34	1.34	1.25	1.26	1.46	1.40	1.38
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL	--	1.26	1.27	1.26	1.26	1.34	1.34	1.25	1.26	1.46	1.40	1.38
SC 544	705	SC 544 north of CC 57	ALL	1.44	1.26	1.27	1.26	1.26	1.42	1.42	1.25	1.26	1.46	1.40	1.38
SC 544	706	SC 544 south of CC 57	ALL	1.58	1.40	1.41	1.40	1.41	1.42	1.41	1.40	1.40	1.54	1.49	1.47
SC 544	2817	SC 544 south of CC 2904/2818	ALL	1.63	1.48	1.49	1.48	1.48	1.47	1.47	1.48	1.48	1.59	1.53	1.52
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	1.13	1.04	1.04	1.04	1.04	1.02	1.02	1.04	1.03	1.22	1.18	1.17
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	1.11	1.02	1.02	1.02	1.02	1.02	1.02	1.01	1.02	1.22	1.17	1.16
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	1.53	1.36	1.33	1.35	1.32	1.18	1.12	1.34	1.30	1.53	1.49	1.47
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	0.47	0.86	0.83	0.88	0.85	0.17	0.18	0.89	0.86	0.65	0.68	0.69
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	1.06	0.91	0.92	0.91	0.91	1.03	1.02	0.90	0.90	1.10	1.06	1.04
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	0.73	0.75	0.75	0.75	0.75	0.81	0.79	0.75	0.76	0.90	0.87	0.86
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL	--	1.10	1.11	1.10	1.10	1.07	1.05	1.10	1.11	1.16	1.13	1.13
SC 544	6060	SC 544 between Loop On-Ramp to NB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	1.08	0.84	0.84	0.83	0.83	1.02	1.00	0.83	0.83	0.99	0.96	0.95
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	1.24	1.08	1.07	1.07	1.06	1.19	1.18	1.07	1.06	1.10	1.06	1.05
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	1.09	1.08	1.07	1.07	1.06	1.19	1.18	1.07	1.06	1.10	1.06	1.05
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	1.19	1.19	1.19	1.19	1.18	1.02	0.93	1.19	1.19	1.18	1.19	1.20
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL	--	1.10	1.11	1.11	1.11	0.23	0.33	1.10	1.13	0.95	0.99	1.01
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	1.18	0.90	0.92	0.89	0.90	0.92	0.96	0.87	0.87	1.50	1.47	1.44
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	0.52	0.82	0.79	0.81	0.80	0.58	0.58	0.79	0.79	0.46	0.45	0.44
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	1.52	1.16	1.15	1.16	1.16	1.15	1.10	1.16	1.16	1.21	1.22	1.22
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	1.07	1.03	1.03	1.02	1.02	1.10	1.09	1.03	1.02	1.08	1.09	1.09
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	1.25	1.07	1.07	1.06	1.06	1.35	1.34	1.05	1.06	1.20	1.20	1.20
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	0.88	0.69	0.70	0.69	0.70	1.04	1.05	0.68	0.69	0.83	0.83	0.83
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	1.06	0.85	0.84	0.84	0.84	1.08	1.08	0.84	0.83	1.01	0.99	0.99
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL	--	0.92	0.92	0.91	0.91	1.24	1.22	0.91	0.90	1.21	1.19	1.18
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	1.28	1.26	1.27	1.25	1.25	1.31	1.33	1.25	1.25	1.51	1.50	1.50
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	0.91	0.98	0.98	0.98	0.98	1.08	1.08	0.98	0.98	1.04	1.04	1.05
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	1.09	1.08	1.07	1.07	1.06	1.19	1.18	1.07	1.06	1.10	1.06	1.05
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	1.27	1.15	1.14	1.14	1.13	1.31	1.31	1.13	1.13	1.21	1.16	1.16
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	2.09	2.21	2.20	2.22	2.20	2.22	2.20	2.22	2.20	2.24	2.24	2.25
SC 544	4596	SC 544 south of CC 4595	ALL	1.24	1.09	1.08	1.08	1.07	1.26	1.26	1.07	1.06	1.20	1.15	1.15
SC 544	2901	SC 544 north of 707 Connector	ALL	1.24	1.09	1.08	1.08	1.07	1.26	1.26	1.07	1.06	1.20	1.15	1.15
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	1.14	1.05	1.04	1.04	1.03	1.23	1.23	1.04	1.03	1.16	1.13	1.14
707 Connector	2903	707 Connector west of SC 544	ALL	1.01	0.66	0.58	0.65	0.59	0.81	0.78	0.67	0.58	1.16	1.16	1.15
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	1.25	1.16	1.14	1.15	1.13	1.31	1.33	1.15	1.13	1.21	1.19	1.19
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	1.63	1.68	1.67	1.68	1.67	1.70	1.67	1.68	1.66	1.73	1.73	1.72
SC 544	6069	SC 544 north of CC 4536	ALL	1.25	1.16	1.14	1.15	1.13	1.31	1.33	1.15	1.13	1.21	1.19	1.19
SC 544	4535	SC 544 south of CC 4536	ALL	1.24	1.15	1.13	1.14	1.12	1.31	1.32	1.14	1.12	1.21	1.19	1.19
SC 544	4631	SC 544 north of Big Block Road	ALL	1.38	1.24	1.23	1.24	1.22	1.43	1.44	1.24	1.22	1.27	1.25	1.25
SC 544	983	SC 544 south of Big Block Road	ALL	1.70	1.59	1.56	1.59	1.56	1.75	1.76	1.59	1.55	1.49	1.46	1.46
Big Block Road	4633	Big Block Road west of SC 544	ALL	1.45	1.42	1.42	1.42	1.42	1.36	1.36	1.42	1.42	1.44	1.46	1.44
SC 544	4722	SC 544 east of CC 4912	ALL	1.71	1.61	1.57	1.61	1.57	1.77	1.77	1.60	1.57	1.50	1.47	1.47
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	1.71	1.61	1.57	1.61	1.57	1.77	1.77	1.60	1.57	1.50	1.47	1.47
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	1.52	1.48	1.46	1.48	1.46	1.55	1.55	1.48	1.46	1.32	1.30	1.30
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	2.33	2.23	2.24	2.20	2.23	2.40	2.43	2.20	2.22	2.66	2.63	2.62
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	3.34	3.35	3.35	3.35	3.35	3.36	3.36	3.34	3.34	3.37	3.36	3.36

Appendix H—Daily V/C

SELL ALTERNATIVES
2040 DAILY V/C RATIO

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	0.68	0.62	0.62	0.62	0.62	0.78	0.81	0.66	0.67	0.27	0.38	0.45
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL	--	0.51	0.51	0.51	0.51	0.74	0.72	0.49	0.49	--	--	--
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL	--	0.22	0.23	0.23	0.22	0.09	0.18	0.35	0.34	0.27	0.38	0.45
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	0.22	0.14	0.14	0.14	0.14	0.14	0.14	0.16	0.16	0.46	0.49	0.44
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	0.91	0.36	0.37	0.37	0.36	0.22	0.32	0.51	0.50	0.73	0.87	0.89
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL	--	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	--	--	--
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL	--	0.50	0.49	0.50	0.50	0.73	0.70	0.48	0.48	--	--	--
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL	--	0.71	0.73	0.70	0.73	0.74	0.66	0.62	0.64	--	--	--
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL	--	0.46	0.49	0.45	0.48	0.33	0.26	0.37	0.40	--	--	--
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL	--	0.04	0.04	0.01	0.02	0.02	0.02	0.01	0.01	--	--	--
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL	--	0.44	0.47	0.44	0.47	0.32	0.25	0.37	0.40	--	--	--
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL	--	0.44	0.47	0.44	0.47	0.32	0.25	0.37	0.40	--	--	--
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	0.33	0.59	0.62	0.59	0.62	0.41	0.38	0.57	0.60	0.28	0.33	0.34
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	0.95	0.60	0.63	0.61	0.64	0.43	0.40	0.59	0.61	0.85	0.96	0.99
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	0.95	0.27	0.28	0.28	0.28	0.13	0.23	0.42	0.43	0.85	0.96	0.99
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	0.73	0.27	0.28	0.28	0.28	0.13	0.23	0.42	0.43	0.33	0.43	0.52
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL	--	0.63	0.63	0.64	0.64	0.79	0.81	0.69	0.69	0.33	0.43	0.52
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL	--	0.50	0.53	0.51	0.54	0.38	0.31	0.44	0.46	--	--	--
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL	--	0.52	0.55	0.51	0.54	0.39	0.32	0.44	0.46	--	--	--
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL	--	0.13	0.13	0.13	0.13	0.13	0.14	0.15	0.16	--	--	--
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL	--	0.47	0.50	0.46	0.49	0.34	0.27	0.38	0.41	--	--	--
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL	--	0.72	0.75	0.72	0.75	0.76	0.68	0.64	0.66	--	--	--
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL	--	0.55	0.57	0.54	0.57	0.57	0.51	0.48	0.50	--	--	--
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	1.05	1.14	1.15	1.14	1.14	1.15	1.13	1.13	1.13	1.10	1.09	1.10
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	1.32	1.53	1.53	1.52	1.52	1.57	1.59	1.55	1.55	1.35	1.34	1.36
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	1.31	1.52	1.52	1.51	1.51	1.57	1.59	1.53	1.53	1.34	1.34	1.35
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	0.89	0.77	0.77	0.76	0.75	0.62	0.60	0.73	0.73	1.18	1.11	1.08
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	1.03	0.77	0.77	0.76	0.75	0.62	0.60	0.73	0.73	0.63	0.61	0.58
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL	--	0.85	0.85	0.84	0.83	0.70	0.69	0.82	0.82	0.63	0.61	0.58
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	1.03	0.88	0.87	0.84	0.84	0.71	0.70	0.83	0.83	0.63	0.61	0.58
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	1.03	0.88	0.87	0.84	0.84	0.71	0.70	0.83	0.83	0.72	0.69	0.66
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	1.03	0.87	0.87	0.84	0.84	0.72	0.70	0.83	0.83	0.61	0.59	0.56
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	0.89	0.79	0.79	0.76	0.76	0.63	0.62	0.74	0.74	1.16	1.09	1.05
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	0.89	0.77	0.77	0.75	0.75	0.63	0.61	0.73	0.73	1.16	1.09	1.05
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	1.33	1.53	1.54	1.53	1.53		1.59	1.57	1.57	1.36	1.35	1.36
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL	--	0.55	0.57	0.54	0.57	0.57	--	--	--	--	--	--
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL	--	0.55	0.57	--	--	--	--	--	--	--	--	--
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL	--	0.63	0.65	--	--	--	--	--	--	--	--	--
US 378	6162	US 378 West of SELL Segment F	ALL	--	1.28	1.28	1.08	1.09	1.09	1.00	0.94	0.95	0.98	0.96	0.95
US 378	1235	US 378 East of SELL Segment F	ALL	0.89	0.72	0.73	1.08	1.09	1.09	1.00	0.94	0.95	0.98	0.96	0.95
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL	--	0.67	0.70	--	--	--	--	--	--	--	--	--
US 701	6164	US 701 West of SELL Segment F	ALL	--	2.09	2.07	1.93	1.92	1.26	1.31	1.92	1.91	1.15	1.16	1.15
US 701	6168	US 701 East of SELL Segment F	ALL	--	1.23	1.25	1.93	1.92	1.26	1.31	1.92	1.91	1.15	1.16	1.15
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL	--	0.67	0.70	0.65	0.69	--	--	0.62	0.66	--	--	--
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL	--	0.67	--	0.65	--	--	--	0.62	--	--	--	--
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL	--	0.90	--	0.90	--	--	--	0.85	--	--	--	--
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL	--	0.92	--	0.93	--	--	--	0.90	--	--	--	--
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL	--	0.90	--	0.88	--	--	--	0.87	--	--	--	--
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL	--	0.90	--	0.88	--	--	--	0.86	--	--	--	--
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	--	0.36	--	0.34	--	--	--	0.33	--	--	--	--
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL	--	0.36	--	0.34	--	--	--	0.33	--	--	--	--
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL	--	1.86	--	1.85	--	--	--	1.85	--	--	--	--
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL	--	1.72	--	1.71	--	--	--	1.71	--	--	--	--
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL	--	2.02	--	2.02	--	--	--	2.01	--	--	--	--
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL	--	0.77	--	0.76	--	--	--	0.74	--	--	--	--
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	0.95	--	0.60	--	0.59	1.01	1.02	--	0.58	0.86	0.85	0.84
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	0.93	0.95	0.51	0.94	0.51	0.95	0.95	0.93	0.50	0.84	0.84	0.83
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	0.75	0.82	0.32	0.81	0.32	0.77	0.77	0.81	0.31	0.66	0.66	0.65
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	0.75	0.82	0.32	0.81	0.32	0.77	0.77	0.81	0.31	0.66	0.66	0.65
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	0.18	0.38	0.00	0.37	0.00	0.30	0.31	0.32	0.00	0.11	0.10	0.10
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	0.81	0.90	0.32	0.90	0.32	0.88	0.88	0.88	0.31	0.70	0.69	0.68

SELL ALTERNATIVES
2040 DAILY V/C RATIO

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	1.05	1.04	0.57	1.03	0.57	1.11	1.11	1.01	0.56	0.96	0.95	0.94
HOLMESTOWN ROAD	**6101**	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	1.05	1.04	0.57	1.03	0.57	1.11	1.11	1.01	0.56	0.96	0.95	0.94
SC 707	1141	SC 707 South of Holmestown Road	ALL	1.71	--	1.77	--	1.76	1.74	1.74	--	1.76	1.73	1.72	1.71
SC 707	718	SC 707 North of Holmestown Road	ALL	1.94	--	1.96	--	1.94		1.98	--	1.94	1.92	1.90	1.90
SELL ALTERNATIVES	**6142**	**SELL Segment GG between SC 707 and US 17 Bypass**	SELL	--	--	0.65	--	0.64	--	--	--	0.63	--	--	--
SELL ALTERNATIVES	**6143**	**SELL Segment GG west of SC 707**	SELL	--	--	0.70	--	0.69	--	--	--	0.66	--	--	--
SC 707	1133	SC 707 South of Segment GG	ALL	1.24	1.34	1.46	1.33	1.45	1.26	1.26	1.33	1.45	1.26	1.24	1.24
SC 707	6141	SC 707 North of Segment GG	ALL	--	1.34	1.22	1.33	1.21	1.26	1.26	1.33	1.22	1.26	1.24	1.24
SELL ALTERNATIVES	6175	**SELL Segment E**	SELL	--	--	--	0.54	0.57	0.57	--	--	--	--	--	--
SELL ALTERNATIVES	6184	**SELL Segment E**	SELL	--	--	--	0.62	0.64	0.66	--	--	--	--	--	--
US 378	6173	US 378 West of SELL Segment E	ALL	--	0.70	0.70	1.27	1.27	1.34	1.05	0.99	0.99	1.02	0.99	0.99
US 378	1219	US 378 East of SELL Segment E	ALL	0.96	0.70	0.70	1.02	1.02	1.17	1.05	0.99	0.99	1.02	0.99	0.99
SELL ALTERNATIVES	6172	**SELL Segment S**	SELL	--	--	--	0.62	0.64	--	--	--	--	--	--	--
SELL ALTERNATIVES	6170	**SELL Segment Z**	SELL	--	--	--	0.62	0.64	--	--	0.58	0.60	--	--	--
SELL ALTERNATIVES	6169	**SELL Segment Z**	SELL	--	--	--	0.65	0.69	--	--	0.62	0.66	--	--	--
US 701	6168	US 701 West of SELL Segment Z	ALL	--	1.23	1.25	1.93	1.92	1.26	1.31	1.92	1.91	1.15	1.16	1.15
US 701	1277	US 701 East of SELL Segment Z	ALL	1.16	1.23	1.25	1.21	1.24	1.26	1.31	1.17	1.20	1.15	1.16	1.15
SELL ALTERNATIVES	6185	**SELL Segment T**	SELL	--	--	--	--	--	0.66	--	--	--	--	--	--
SELL ALTERNATIVES	6186	**SELL Segment U**	SELL	--	--	--	--	--	0.66	--	--	--	--	--	--
SELL ALTERNATIVES	6188	**SELL Segment W West of US 701**	SELL	--	--	--	--	--	0.66	0.72	--	--	--	--	--
SELL ALTERNATIVES	6190	**SELL Segment W East of US 701/West of SC 544**	SELL	--	--	--	--	--	1.07	1.06	--	--	--	--	--
SELL ALTERNATIVES	6192	**SELL Segment W East of SC 544/West of Carolina Bays Parkway**	SELL	--	--	--	--	--	0.73	0.72	--	--	--	--	--
US 701	1279	US 701 North of SELL Segment U	ALL	1.22	0.70	0.72	0.60	0.62	1.34	1.19	0.56	0.57	1.25	1.25	1.23
US 701	6187	US 701 South of SELL Segment U	ALL	--	0.70	0.72	0.60	0.62	1.78	1.92	0.56	0.57	1.25	1.25	1.23
SC 544	6189	SC 544 North of SELL Segment W	ALL	--	0.99	1.00	0.99	0.99	1.04	1.02	0.99	0.99	1.20	1.14	1.12
SC 544	705	SC 544 South of SELL Segment W	ALL	1.16	0.99	1.00	0.99	0.99	1.30	1.30	0.99	0.99	1.20	1.14	1.12
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	0.82	0.82	0.80	0.82	0.80	0.82	0.81	0.81	0.80	0.84	0.84	0.84
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL	--	0.82	0.80	0.82	0.80	1.08	1.07	0.81	0.80	0.84	0.84	0.84
SELL ALTERNATIVES	**6183**	**SELL Segment D**	**SELL**	--	--	--	--	--	--	0.51	0.48	0.50	--	--	--
SELL ALTERNATIVES	**6182**	**SELL Segment D**	**SELL**	--	--	--	--	--	--	0.72	0.58	0.60	--	--	--
US 378	2304	US 378 west of SELL Segment D	SELL	1.21	0.97	0.98	1.07	1.08	0.80	1.47	1.36	1.36	1.34	1.30	1.23
US 378	6181	US 378 east of SELL Segment D	SELL	--	0.97	0.98	1.07	1.08	0.80	1.21	1.26	1.26	1.34	1.30	1.23
US 378	1281	US 378 east of SELL Segment D	SELL	1.21	0.93	0.94	1.03	1.04	0.78	1.01	1.16	1.16	1.04	1.05	1.20
SELL ALTERNATIVES	6180	**SELL Segment I**	SELL	--	--	--	--	--	--	0.72	0.58	0.60	--	--	--
SELL ALTERNATIVES	6179	**SELL Segment L**	SELL	--	--	--	--	--	--	0.72	0.58	0.60	--	--	--
SELL ALTERNATIVES	6193	**SELL Segment Q**	SELL	--	--	--	--	--	--	0.72	--	--	--	--	--
SELL ALTERNATIVES	6178	**SELL Segment R**	SELL	--	--	--	--	--	--	--	0.58	0.60	--	--	--
SELL ALTERNATIVES	6177	**SELL Segment R**	SELL	--	--	--	--	--	--	--	0.58	0.60	--	--	--
SELL ALTERNATIVES	6176	**SELL Segment X**	SELL	--	--	--	--	--	--	--	0.58	0.60	--	--	--
SELL ALTERNATIVES	6199	**SELL Segment O**	SELL	--	--	--	--	--	--	--	--	--	1.10	--	--
SELL ALTERNATIVES	6200	**SELL Segment K**	SELL	--	--	--	--	--	--	--	--	--	1.10	0.89	--
SELL ALTERNATIVES	6197	**SELL Segment M**	SELL	--	--	--	--	--	--	--	--	--	--	0.89	--
Conway Perimeter Road (SELL Segment K)	6206	**Conway Perimeter Road from New Road to US 701**	ALL	--	--	--	--	--	--	--	--	--	0.91	0.77	--
Conway Perimeter Road (SELL Segment H)	6195	**Conway Perimeter Road from US 701 to Cates Bay Highway**	ALL	--	0.08	0.08	0.08	0.07	0.08	0.06	0.07	0.07	0.81	0.75	0.08
Conway Perimeter Road (SELL Segment H)	6204	**Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road**	ALL	--	0.16	0.16	0.15	0.15	0.15	0.17	0.17	0.17	0.90	0.85	0.38
Conway Perimeter Road (SELL Segment H)	6203	**Conway Perimeter Road north of Relocated Dirty Branch Road**	ALL	--	0.11	0.11	0.10	0.10	0.12	0.12	0.08	0.08	0.79	0.75	0.33
Conway Perimeter Road (SELL Segment H)	6205	**Conway Perimeter Road south of US 378**	ALL	--	0.21	0.21	0.21	0.20	0.22	0.20	0.19	0.19	0.82	0.80	0.41
Conway Perimeter Road (SELL Segment H)	4696	**Conway Perimeter Road north of US 378**	ALL	0.35	0.33	0.33	0.34	0.33	0.37	0.48	0.36	0.36	0.78	0.73	0.52
Conway Perimeter Road (SELL Segment H)	4698	**Conway Perimeter Road south of Dunn Short Cut**	ALL	0.31	0.29	0.28	0.27	0.27	0.31	0.39	0.29	0.29	0.76	0.71	0.47
Conway Perimeter Road (SELL Segment H)	1246	**Conway Perimeter Road between Dunn Short Cut and US 501**	ALL	0.75	0.33	0.32	0.32	0.32	0.34	0.43	0.33	0.33	0.79	0.74	0.56
New Road	587	New Road south of Conway Perimeter Road	ALL	0.26	0.12	0.13	0.12	0.13	0.04	0.04	0.12	0.13	0.79	0.68	0.31
New Road	1094	New Road north of Conway Perimeter Road	ALL	0.26	0.12	0.13	0.12	0.13	0.04	0.04	0.12	0.13	0.38	0.01	0.30
US 701	6194	US 701 south of Conway Perimeter Road	ALL	--	0.52	0.52	0.46	0.47	0.60	0.52	0.44	0.45	0.57	0.62	0.74
US 701	583	US 701 north of Conway Perimeter Road	ALL	0.74	0.47	0.47	0.42	0.43	0.56	0.50	0.40	0.40	0.79	0.63	0.69
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	0.92	0.54	0.55	0.50	0.51	0.57	0.79	0.59	0.60	1.27	1.27	1.16
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	1.00	0.51	0.51	0.49	0.50	0.46	0.64	0.56	0.57	0.32	0.27	0.70
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL	--	0.13	0.13	0.14	0.13	0.07	0.17	0.25	0.25	0.66	0.61	0.18
US 378	4694	US 378 west of Conway Perimeter Road	ALL	0.59	0.47	0.47	0.51	0.51	0.39	0.47	0.54	0.54	0.52	0.52	0.59
US 378	632	US 378 east of Conway Perimeter Road	ALL	0.62	0.35	0.35	0.37	0.38	0.24	0.25	0.41	0.41	0.18	0.15	0.45
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	0.27	0.12	0.12	0.14	0.14	0.10	0.22	0.25	0.26	0.27	0.26	0.28
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	0.88	0.78	0.78	0.76	0.75	0.63	0.61	0.73	0.73	0.67	0.64	0.60

SELL ALTERNATIVES
2040 DAILY V/C RATIO

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	0.52	0.35	0.35	0.35	0.36	0.34	0.36	0.38	0.39	0.40	0.41	0.43
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	0.89	0.80	0.79	0.77	0.77	0.64	0.62	0.74	0.74	0.68	0.65	0.61
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	0.90	0.80	0.80	0.77	0.77	0.64	0.62	0.75	0.75	0.68	0.65	0.61
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	1.07	0.92	0.92	0.88	0.88	0.75	0.74	0.86	0.86	0.85	0.80	0.76
Enoch Road	1290	Enoch Road north of US 501	ALL	0.52	0.35	0.35	0.33	0.33	0.32	0.36	0.34	0.34	0.96	0.91	0.89
Handwick Road	1697	Handwick Road north of US 501	ALL	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.02	0.02	0.05	0.05	0.05
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	1.08	0.92	0.92	0.89	0.89	0.76	0.75	0.87	0.87	0.85	0.81	0.77
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	1.06	0.89	0.89	0.87	0.87	0.75	0.76	0.86	0.86	0.86	0.81	0.79
Four Mile Road	2442	Four Mile Road east of US 501	ALL	0.35	0.29	0.28	0.29	0.29	0.21	0.28	0.31	0.31	0.27	0.26	0.20
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	1.04	0.87	0.87	0.86	0.86	0.77	0.79	0.85	0.85	0.87	0.82	0.79
Four Mile Road	1248	Four Mile Road west of US 501	ALL	0.28	0.31	0.32	0.32	0.32	0.28	0.34	0.35	0.35	0.32	0.33	0.28
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	1.10	0.95	0.95	0.94	0.94	0.84	0.88	0.94	0.94	0.91	0.86	0.82
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	1.20	1.06	1.05	1.04	1.04	0.93	0.99	1.04	1.04	0.97	0.92	0.88
Cultra Road	1096	Cultra Road north of US 501	ALL	0.44	0.43	0.43	0.43	0.44	0.55	0.55	0.42	0.42	0.58	0.58	0.58
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	0.84	0.76	0.76	0.76	0.76	0.68	0.70	0.78	0.78	0.65	0.59	0.78
US 501	612	US 501/Church St north of Fox Point Road	ALL	0.90	0.81	0.81	0.81	0.81	0.71	0.73	0.82	0.82	0.65	0.64	0.83
Fox Point Road	613	Fox Point Road east of US 501	ALL	0.16	0.09	0.09	0.08	0.08	0.09	0.11	0.09	0.10	0.24	0.22	0.21
US 501	614	US 501/Church St south of Fox Point Road	ALL	0.93	0.81	0.81	0.81	0.81	0.71	0.72	0.81	0.81	0.66	0.63	0.84
US 501	611	US 501/Church St north of Mill Pond Road	ALL	0.97	0.92	0.91	0.92	0.92	0.79	0.79	0.92	0.92	0.68	0.70	0.90
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	0.92	0.86	0.86	0.86	0.86	0.74	0.74	0.86	0.86	0.64	0.68	0.88
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	0.18	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.11	0.08	0.16
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	0.47	0.46	0.46	0.47	0.47	0.45	0.47	0.48	0.48	0.40	0.39	0.45
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	1.08	1.06	1.06	1.05	1.05	0.99	0.98	1.05	1.05	0.99	0.99	1.09
16th Avenue	607	16th Avenue south of US 501	ALL	0.84	0.56	0.56	0.53	0.53	0.48	0.47	0.56	0.56	0.48	0.48	0.65
16th Avenue	609	16th Avenue north of US 501	ALL	0.68	0.61	0.60	0.58	0.58	0.63	0.62	0.59	0.59	0.79	0.73	0.73
Pine Street	5708	Pine Street east of US 501	ALL	0.08	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	1.03	0.98	0.99	0.98	0.98	0.92	0.91	0.98	0.98	0.92	0.92	1.05
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	1.00	0.94	0.94	0.94	0.94	0.88	0.87	0.93	0.93	0.88	0.88	1.03
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	0.09	0.10	0.10	0.10	0.10	0.11	0.10	0.11	0.11	0.11	0.10	0.10
US 501	605	US 501/Church Street south of 9th Avenue	ALL	1.03	1.02	1.02	1.01	1.01	0.94	0.91	1.00	1.01	0.95	0.95	1.05
9th Avenue	603	9th Avenue west of US 501	ALL	0.43	0.34	0.34	0.33	0.33	0.43	0.48	0.33	0.33	0.43	0.41	0.41
9th Avenue	604	9th Avenue east of US 501	ALL	0.52	0.53	0.53	0.53	0.52	0.58	0.58	0.50	0.50	0.65	0.60	0.55
US 501	600	US 501/Church St north of Wright Blvd	ALL	1.05	1.04	1.04	1.03	1.03	0.97	0.94	1.02	1.02	0.99	0.98	1.07
US 501	598	US 501/Church St south of Wright Blvd	ALL	1.19	1.11	1.11	1.10	1.11	0.94	0.92	1.11	1.11	0.93	0.88	1.18
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	0.49	0.33	0.33	0.33	0.34	0.21	0.20	0.35	0.36	0.18	0.15	0.50
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	0.72	0.53	0.54	0.53	0.54	0.46	0.41	0.53	0.54	0.44	0.47	0.67
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	1.22	1.12	1.13	1.12	1.13	0.94	0.93	1.13	1.14	0.88	0.87	1.27
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	1.22	1.12	1.13	1.12	1.13	0.94	0.93	1.13	1.14	0.88	0.87	1.27
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	1.69	1.52	1.53	1.52	1.53	1.24	1.22	1.53	1.54	1.15	1.08	1.60
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	1.69	1.52	1.53	1.52	1.53	1.24	1.22	1.53	1.54	1.15	1.08	1.60
US 501	6196	US 501 north of SELL Segment M	ALL	--	1.52	1.53	1.52	1.53	1.24	1.22	1.53	1.54	1.15	1.08	1.60
US 501	594	US 501 south of SELL Segment M	ALL	1.69	1.52	1.53	1.52	1.53	1.24	1.22	1.53	1.54	1.15	1.74	1.60
US 501	571	US 501 west of SC 544	ALL	1.45	1.31	1.31	1.31	1.31	1.13	1.11	1.31	1.32	1.05	1.50	1.38
US 501	573	US 501 EB east of SC 544	ALL	1.14	1.03	1.03	1.03	1.03	0.93	0.92	1.04	1.04	0.91	0.85	0.82
US 501	5592	US 501 WB east of SC 544	ALL	1.24	1.10	1.10	1.09	1.09	0.92	0.90	1.10	1.10	0.85	1.07	1.02
SC 544	572	SC 544 south of US 501	ALL	1.83	1.42	1.44	1.42	1.44	1.02	0.99	1.43	1.44	0.82	2.20	2.11
SC 544	570	SC 544 north of US 501	ALL	1.39	1.34	1.32	1.32	1.32	1.27	1.27	1.34	1.31	1.31	1.22	1.29
BR 501	2919	BR 501 south of US 501	ALL	0.96	0.79	0.79	0.78	0.79	0.61	0.59	0.79	0.80	0.54	0.69	0.68
BR 501	5595	BR 501 between loop ramps	ALL	0.96	0.80	0.81	0.80	0.81	0.68	0.66	0.81	0.81	0.61	0.69	0.68
BR 501	5593	BR 501 north of US 501	ALL	1.26	1.13	1.14	1.13	1.16	1.12	1.09	1.16	1.15	1.08	1.74	1.69
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	0.02	0.04	0.04	0.04	0.05	0.19	0.20	0.04	0.04	0.20	0.00	0.00
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	0.96	0.68	0.68	0.67	0.65	0.35	0.32	0.65	0.69	0.18	1.54	1.51
US 501	591	US 501 EB east of SC 544	ALL	1.15	1.05	1.05	1.05	1.05	1.02	1.01	1.06	1.06	1.00	1.48	1.42
US 501	5600	US 501 WB east of SC 544	ALL	0.81	0.79	0.80	0.79	0.80	0.77	0.76	0.81	0.79	0.77	1.18	1.10
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	0.76	0.50	0.54	0.52	0.54	0.11	0.10	0.51	0.54	0.02	1.14	1.12
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	1.11	0.86	0.84	0.85	0.86	0.61	0.61	0.86	0.86	0.87	1.35	1.33
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	1.38	1.16	1.18	1.17	1.17	0.87	0.85	1.17	1.18	0.84	1.13	1.12
SC 544	572	SC 544 north of Cox Ferry Road	ALL	1.83	1.42	1.44	1.42	1.44	1.02	0.99	1.43	1.44	0.82	2.20	2.11
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	1.70	1.51	1.50	1.49	1.52	1.24	1.20	1.52	1.52	1.05	1.63	1.56
SC 544	2912	SC 544 south of BR 501	ALL	1.32	1.13	1.14	1.13	1.14	0.88	0.85	1.14	1.15	0.81	1.26	1.24

SELL ALTERNATIVES
2040 DAILY V/C RATIO

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	4623	SC 544 north of University Blvd	ALL	1.32	1.13	1.14	1.13	1.14	0.88	0.85	1.14	1.15	0.81	1.26	1.24
SC 544	4614	SC 544 south of University Blvd	ALL	1.32	1.12	1.12	1.11	1.12	0.90	0.90	1.12	1.12	1.13	1.23	1.21
University Blvd	4844	University Blvd east of SC 544	ALL	0.65	0.67	0.67	0.68	0.67	0.62	0.61	0.69	0.68	0.93	0.70	0.69
SC 544	6198	SC 544 north of SELL Segment O	ALL	--	1.08	1.08	1.07	1.08	0.85	0.83	1.08	1.08	0.99	1.21	1.19
SC 544	4620	SC 544 south of SELL Segment O	ALL	1.24	1.08	1.08	1.07	1.08	0.85	0.83	1.08	1.08	1.36	1.21	1.19
SC 544	1114	SC 544 north of Singleton Ridge	ALL	1.15	0.97	0.98	0.96	0.97	0.74	0.71	0.97	0.98	1.29	1.14	1.12
SC 544	1505	SC 544 south of Singleton Ridge	ALL	1.25	1.08	1.08	1.08	1.09	0.87	0.83	1.08	1.09	1.29	1.21	1.19
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	0.66	0.84	0.84	0.85	0.85	0.89	0.88	0.86	0.86	0.79	0.85	0.88
SC 544	4064	SC 544 north of CC 4065	ALL	1.25	1.08	1.08	1.08	1.09	0.87	0.83	1.08	1.09	1.29	1.21	1.19
SC 544	577	SC 544 south of CC 4065	ALL	1.33	1.12	1.12	1.11	1.12	0.89	0.85	1.12	1.12	1.36	1.26	1.23
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	1.33	1.12	1.12	1.11	1.12	0.89	0.85	1.12	1.12	1.36	1.26	1.23
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	1.17	0.99	0.99	0.98	0.99	0.93	0.91	0.98	0.99	1.19	1.13	1.11
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	0.92	0.97	0.95	0.98	0.96	0.97	0.94	1.00	0.97	1.24	1.12	1.09
SC 544	707	SC 544 south of CC 2810 and 89	ALL	1.16	0.99	1.00	0.99	0.99	1.04	1.02	0.99	0.99	1.20	1.14	1.12
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL	--	0.99	1.00	0.99	0.99	1.04	1.02	0.99	0.99	1.20	1.14	1.12
SC 544	705	SC 544 north of CC 57	ALL	1.16	0.99	1.00	0.99	0.99	1.30	1.30	0.99	0.99	1.20	1.14	1.12
SC 544	706	SC 544 south of CC 57	ALL	1.27	1.10	1.11	1.10	1.10	1.29	1.29	1.10	1.10	1.26	1.21	1.19
SC 544	2817	SC 544 south of CC 2904/2818	ALL	1.32	1.17	1.17	1.16	1.17	1.33	1.33	1.17	1.17	1.30	1.25	1.23
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	0.92	0.82	0.82	0.82	0.82	0.92	0.91	0.82	0.82	1.00	0.97	0.95
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	0.87	0.75	0.75	0.75	0.75	0.89	0.89	0.75	0.75	0.95	0.91	0.90
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	1.16	0.93	0.95	0.92	0.94	0.94	0.93	0.91	0.92	1.18	1.18	1.16
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	0.32	0.47	0.47	0.49	0.49	0.14	0.14	0.49	0.50	0.45	0.48	0.45
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	0.74	0.68	0.68	0.68	0.67	0.81	0.81	0.68	0.67	0.84	0.81	0.80
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	0.59	0.57	0.57	0.57	0.57	0.71	0.70	0.57	0.57	0.71	0.68	0.67
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL	--	0.71	0.71	0.71	0.71	0.81	0.79	0.71	0.71	0.82	0.79	0.78
SC 544	6060	SC 544 between Loop On-Ramp to NB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	0.73	0.64	0.63	0.63	0.63	0.79	0.78	0.63	0.62	0.76	0.73	0.73
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	0.76	0.68	0.68	0.68	0.68	0.83	0.82	0.67	0.67	0.78	0.76	0.75
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	0.85	0.82	0.82	0.81	0.81	0.94	0.93	0.81	0.81	0.90	0.87	0.86
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	0.94	0.96	0.94	0.94	0.93	0.67	0.64	0.93	0.93	0.96	1.01	1.01
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL	--	0.58	0.60	0.59	0.60	0.16	0.18	0.61	0.62	0.64	0.63	0.61
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	1.03	0.74	0.75	0.72	0.72	0.69	0.73	0.73	0.71	1.19	1.12	1.12
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	0.24	0.32	0.34	0.31	0.33	0.29	0.29	0.30	0.33	0.22	0.21	0.21
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	1.25	0.93	0.93	0.91	0.92	0.75	0.72	0.91	0.92	1.00	1.00	0.99
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	0.82	0.82	0.80	0.82	0.80	0.82	0.81	0.81	0.80	0.84	0.84	0.84
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	0.97	0.91	0.88	0.90	0.87	1.00	0.99	0.89	0.87	0.94	0.94	0.94
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	0.67	0.61	0.59	0.61	0.58	0.80	0.79	0.61	0.58	0.64	0.62	0.62
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	0.80	0.70	0.68	0.69	0.67	0.84	0.84	0.69	0.67	0.78	0.77	0.76
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL	--	0.85	0.82	0.84	0.81	1.02	1.02	0.83	0.81	0.98	0.96	0.96
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	1.01	1.03	1.01	1.02	1.00	1.07	1.07	1.02	1.00	1.18	1.15	1.14
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	0.69	0.80	0.78	0.80	0.77	0.85	0.85	0.80	0.78	0.81	0.80	0.80
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	0.85	0.82	0.82	0.81	0.81	0.94	0.93	0.81	0.81	0.90	0.87	0.86
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	0.99	0.90	0.89	0.89	0.87	1.07	1.06	0.88	0.87	0.99	0.95	0.95
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	1.67	1.73	1.72	1.72	1.72	1.75	1.71	1.73	1.73	1.79	1.78	1.78
SC 544	4596	SC 544 south of CC 4595	ALL	0.97	0.88	0.85	0.86	0.84	1.04	1.03	0.85	0.84	0.98	0.94	0.94
SC 544	2901	SC 544 north of 707 Connector	ALL	0.97	0.88	0.85	0.86	0.84	1.04	1.03	0.85	0.84	0.98	0.94	0.94
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	0.91	0.83	0.80	0.81	0.79	0.98	0.97	0.80	0.79	0.94	0.91	0.91
707 Connector	2903	707 Connector west of SC 544	ALL	0.57	0.38	0.34	0.38	0.34	0.52	0.47	0.39	0.34	0.80	0.80	0.79
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	1.10	1.03	0.98	1.01	0.98	1.13	1.14	1.01	0.97	1.04	1.02	1.02
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	1.15	1.20	1.19	1.20	1.19	1.23	1.20	1.20	1.19	1.26	1.25	1.24
SC 544	6069	SC 544 north of CC 4536	ALL	1.10	1.03	0.98	1.01	0.98	1.13	1.14	1.01	0.97	1.04	1.02	1.02
SC 544	4535	SC 544 south of CC 4536	ALL	1.09	1.02	0.98	1.01	0.97	1.13	1.13	1.01	0.97	1.04	1.02	1.02
SC 544	4631	SC 544 north of Big Block Road	ALL	1.19	1.11	1.06	1.10	1.05	1.23	1.24	1.09	1.05	1.08	1.07	1.07
SC 544	983	SC 544 south of Big Block Road	ALL	1.43	1.37	1.31	1.36	1.30	1.47	1.47	1.35	1.30	1.25	1.23	1.23
Big Block Road	4633	Big Block Road west of SC 544	ALL	0.96	1.04	1.01	1.04	1.01	0.95	0.95	1.04	1.01	1.02	1.01	1.01
SC 544	4722	SC 544 east of CC 4912	ALL	1.45	1.39	1.33	1.38	1.32	1.49	1.49	1.37	1.32	1.27	1.25	1.25
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	1.45	1.39	1.33	1.38	1.32	1.49	1.49	1.37	1.32	1.27	1.25	1.25
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	1.28	1.25	1.22	1.24	1.21	1.30	1.30	1.24	1.21	1.10	1.09	1.09
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	1.79	1.74	1.64	1.72	1.63	1.84	1.86	1.70	1.61	2.08	2.04	2.03
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	2.59	2.60	2.60	2.59	2.59	2.60	2.60	2.59	2.59	2.61	2.60	2.60

Appendix I—Daily LOS

SELL ALTERNATIVES
2040 TOTAL DAILY LOS

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
US 501 Interchange/SELL/Conway Bypass	4146	Ramp from SB US 501 to WB SELL/EB Conway Bypass	ALL	B	B	B	B	B	C	C	B	B	A	A	A
US 501 Interchange/SELL/Conway Bypass	6158	Ramp from SB US 501 to WB SELL	SELL		B	B	B	B	B	B	B	B			
US 501 Interchange/SELL/Conway Bypass	6157	Flyover Ramp from SB US 501 to EB Conway Bypass	ALL		A	A	A	A	A	A	A	A	A	A	A
US 501 Interchange/SELL/Conway Bypass	4149	Ramp from NB US 501 to EB Conway Bypass	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501 Interchange/SELL/Conway Bypass	4148	Ramp from NB/SB US 501 to EB Conway Bypass	ALL	C	A	A	A	A	A	A	B	B	B	C	C
US 501 Interchange/SELL/Conway Bypass	6152	Loop Ramp from NB US 501 to WB SELL	SELL		A	A	A	A	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6149	Flyover Ramp from EB SELL to NB US 501	SELL		B	B	B	B	B	B	A	A			
US 501 Interchange/SELL/Conway Bypass	6147	EB SELL to Ramps to NB/SB US 501	SELL		B	B	B	B	B	B	B	B			
US 501 Interchange/SELL/Conway Bypass	6146	EB SELL to Ramp to SB US 501	SELL		A	A	A	A	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6151	EB SELL Ramp to SB US 501	SELL		A	A	A	A	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6145	EB SELL to EB Conway Bypass	SELL		A	A	A	A	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6144	EB SELL to EB Conway Bypass	SELL		A	A	A	A	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	4133	WB Conway Bypass at EB/WB Conway Bypass	ALL	A	B	B	B	B	A	A	B	B	A	A	A
US 501 Interchange/SELL/Conway Bypass	4135	WB Conway Bypass to Ramps to NB/SB US 501	ALL	C	B	B	B	B	A	A	B	B	C	C	C
US 501 Interchange/SELL/Conway Bypass	4137	Ramp to NB US 501 from WB Conway Bypass	ALL	C	A	A	A	A	A	A	A	A	C	C	C
US 501 Interchange/SELL/Conway Bypass	4140	Ramp to NB US 501 from WB Conway Bypass	ALL	B	A	A	A	A	A	A	A	A	A	A	B
US 501 Interchange/SELL/Conway Bypass	6148	Ramp to NB US 501 from EB SELL/WB Conway Bypass	SELL		B	B	B	B	C	C	B	B	A	A	B
US 501 Interchange/SELL/Conway Bypass	6153	WB Conway Bypass east of Loop Ramp from NB US 501	ALL		B	B	B	B	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6155	WB Conway Bypass Weaving Section between Loop Ramps from NB US 501 and to SB US 501	ALL		B	B	B	B	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6154	Loop Ramp from WB Conway Bypass to SB US 501	ALL		A	A	A	A	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6156	WB SELL between Loop Ramp to SB US 501 and Ramp from SB US 501	SELL		A	B	A	B	A	A	A	A			
US 501 Interchange/SELL/Conway Bypass	6159	WB SELL west of Ramp from SB US 501	SELL		B	C	B	C	C	B	B	B			
US 501 Interchange/SELL/Conway Bypass	**6160**	**SELL Segment A**	SELL		B	B	B	B	B	B	A	B			
US 501 Interchange/SELL/Conway Bypass	1259	US 501 North of Bunson Spring Rd/Horry Road	ALL	D	D	D	D	D	D	D	D	D	D	D	D
US 501 Interchange/SELL/Conway Bypass	4136	US 501 South of Bunson Spring Rd/Horry Road	ALL	E	F	F	F	F	F	F	F	F	F	F	F
US 501 Interchange/SELL/Conway Bypass	4144	SB US 501 North of Ramp to EB Conway Bypass/WB SELL	ALL	E	F	F	F	F	F	F	F	F	E	E	F
US 501 Interchange/SELL/Conway Bypass	4141	SB US 501 South of Ramp to EB Conway Bypass/WB SELL	ALL	C	C	C	C	C	B	B	B	B	E	D	D
US 501 Interchange/SELL/Conway Bypass	4138	SB US 501 North of Loop Ramp from WB Conway Bypass	ALL	D	C	C	C	C	B	B	B	B	B	B	B
US 501 Interchange/SELL/Conway Bypass	6150	SB US 501 South of Loop Ramp from WB Conway Bypass	ALL		C	C	C	C	B	B	C	C	B	B	B
US 501 Interchange/SELL/Conway Bypass	4139	SB US 501 South of Ramp from EB SELL	ALL	D	C	C	C	C	B	B	C	C	B	B	B
US 501 Interchange/SELL/Conway Bypass	1255	NB US 501 South of NB/SB US 501 Split at Interchange	ALL	D	C	C	C	C	B	B	C	C	B	B	B
US 501 Interchange/SELL/Conway Bypass	2254	NB US 501 South of Ramp to EB Conway Bypass	ALL	D	C	C	C	C	B	B	C	C	B	B	B
US 501 Interchange/SELL/Conway Bypass	4147	NB US 501 South of Loop Ramp to WB SELL	ALL	C	C	C	C	C	B	B	B	B	E	D	D
US 501 Interchange/SELL/Conway Bypass	1272	NB US 501 South of Ramp from EB SELL/WB Conway Bypass	ALL	C	C	C	C	C	B	B	B	B	E	D	D
US 501 Interchange/SELL/Conway Bypass	4143	NB US 501 North of Ramp from EB SELL/WB Conway Bypass	ALL	E	F	F	F	F	F	F	F	F	F	F	F
SELL ALTERNATIVES	**6161**	**SELL Segment C**	SELL		B	B	B	B	B						
SELL ALTERNATIVES	**6163**	**SELL Segment F north of US 378**	SELL		B	B									
SELL ALTERNATIVES	**6165**	**SELL Segment F from US 701 to US 378**	SELL		B	B									
US 378	6162	US 378 West of SELL Segment F	ALL		E	E	D	D	D	C	C	C	C	C	C
US 378	1235	US 378 East of SELL Segment F	ALL	C	B	B	D	D	D	C	C	C	C	C	C
SELL ALTERNATIVES	**6166**	**SELL Segment F south of US 701**	SELL		B	B									
US 701	6164	US 701 West of SELL Segment F	ALL		F	F	F	F	E	E	F	F	D	E	E
US 701	6168	US 701 East of SELL Segment F	ALL		E	E	F	F	E	E	F	F	D	E	E
SELL ALTERNATIVES	**6167**	**SELL Segment BB/EE**	SELL		B	B	B	B			B	B			
SELL ALTERNATIVES	**6129**	**SELL Segment FF**	SELL		B		B				B				
SELL ALTERNATIVES	**6137**	**SELL Segment BB/EE EB Off-Ramp to SC 707**	SELL		C		C				C				
SELL ALTERNATIVES	6138	Holmestown Road EB On-Ramp from SC 707	SELL		C		C				C				
SELL ALTERNATIVES	6139	Holmestown Road WB Off-Ramp to SC 707	SELL		C		C				C				
SELL ALTERNATIVES	**6136**	**SELL Segment BB/EE WB On-Ramp from SC 707**	SELL		C		C				C				
SELL ALTERNATIVES	**6130**	**SELL Segment FF between SC 707 Interchange ramps**	SELL		A		A				A				
SELL ALTERNATIVES	**6131**	**SELL Segment FF between SC 707 Interchange ramps**	SELL		A		A				A				
SC 707	6135	US 707 South of SELL Segment BB/EE Interchange	SELL		F		F				F				
SC 707	6134	US 707 between SELL Segment BB/EE interchange ramps	SELL		F		F				F				
SC 707	6133	US 707 north of SELL Segment BB/EE Interchange	SELL		F		F				F				
SELL ALTERNATIVES	**6132**	**SELL SEGMENT FF (Holmestown Road east of SC 707 interchange and Scipio Lane)**	SELL		C		C				C				
HOLMESTOWN ROAD	2828	Holmestown Road east of SC 707	ALL	C		B		B	D	D		B	C	C	C
HOLMESTOWN ROAD	4861	Holmestown Road between SC 707 and Scipio Lane (SEGEMENT FF)	ALL	C	C	B	C	B	C	C	C	B	C	C	C
HOLMESTOWN ROAD	1138	Holmestown Road between SC 707 and Scipio Lane	ALL	C	C	A	C	A	C	C	C	A	B	B	B
HOLMESTOWN ROAD	1139	Holmestown Road between SC 707 and Scipio Lane	ALL	C	C	A	C	A	C	C	C	A	B	B	B
HOLMESTOWN ROAD	4911	Scipio Lane North of Holmestown Road	ALL	A	A	A	A	A	A	A	A	A	A	A	A
HOLMESTOWN ROAD	4910	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	C	C	A	C	A	C	C	C	A	B	B	B

SELL ALTERNATIVES
2040 TOTAL DAILY LOS

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
HOLMESTOWN ROAD	1091	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	D	D	B	D	B	D	D	D	B	C	C	C
HOLMESTOWN ROAD	**6101**	Holmestown Road between Scipio Lane and US 17 Bypass	ALL	D	D	B	D	B	D	D	D	B	C	C	C
SC 707	1141	SC 707 South of Holmestown Road	ALL	F		F		F	F	F		F	F	F	F
SC 707	718	SC 707 North of Holmestown Road	ALL	F		F		F	F	F		F	F	F	F
SELL ALTERNATIVES	**6142**	**SELL Segment GG between SC 707 and US 17 Bypass**	SELL			B		B				B			
SELL ALTERNATIVES	**6143**	**SELL Segment GG west of SC 707**	SELL			B		B				B			
SC 707	1133	SC 707 South of Segment GG	ALL	E	E	F	E	F	E	E	E	F	E	E	E
SC 707	6141	SC 707 North of Segment GG	ALL		E	E	E	E	E	E	E	E	E	E	E
SELL ALTERNATIVES	6175	**SELL Segment E**	SELL				B	B	B						
SELL ALTERNATIVES	6184	**SELL Segment E**	SELL				B	B	B						
US 378	6173	US 378 West of SELL Segment E	ALL		B	B	E	E	E	D	C	C	D	C	C
US 378	1219	US 378 East of SELL Segment E	ALL	C	B	B	D	D	E	D	C	C	D	C	C
SELL ALTERNATIVES	6172	**SELL Segment S**	SELL				B	B							
SELL ALTERNATIVES	**6170**	**SELL Segment Z**	SELL				B	B			B	B			
SELL ALTERNATIVES	**6169**	**SELL Segment Z**	SELL				B	B			B	B			
US 701	6168	US 701 West of SELL Segment Z	ALL		E	E	F	F	E	E	F	F	D	E	E
US 701	1277	US 701 East of SELL Segment Z	ALL	E	E	E	E	E	E	E	E	E	D	E	E
SELL ALTERNATIVES	6185	**SELL Segment T**	SELL						B						
SELL ALTERNATIVES	6186	**SELL Segment U**	SELL						B						
SELL ALTERNATIVES	**6188**	**SELL Segment W West of US 701**	SELL						B	B					
SELL ALTERNATIVES	**6190**	**SELL Segment W East of US 701/West of SC 544**	SELL						D	D					
SELL ALTERNATIVES	**6192**	**SELL Segment W East of SC 544/West of Carolina Bays Parkway**	SELL						B	B					
US 701	1279	US 701 North of SELL Segment U	ALL	E	B	B	B	B	F	E	B	B	E	E	E
US 701	6187	US 701 South of SELL Segment U	ALL		B	B	B	B	F	F	B	B	E	E	E
SC 544	6189	SC 544 North of SELL Segment W	ALL		C	C	C	C	D	D	C	C	E	D	D
SC 544	705	SC 544 South of SELL Segment W	ALL	E	C	C	C	C	E	E	C	C	E	D	D
Carolina Bays Parkway	6036	Carolina Bays Parkway	ALL	C	C	C	C	C	C	C	C	C	C	C	C
Carolina Bays Parkway	6191	Carolina Bays Parkway	ALL		C	C	C	C	D	D	C	C	C	C	C
SELL ALTERNATIVES	**6183**	**SELL Segment D**	**SELL**							B	A	B			
SELL ALTERNATIVES	**6182**	**SELL Segment D**	**SELL**							B	B	B			
US 378	2304	US 378 west of SELL Segment D	SELL	E	C	C	D	D	C	F	F	F	E	E	E
US 378	6181	US 378 east of SELL Segment D	SELL		C	C	D	D	C	E	E	E	E	E	E
US 378	1281	US 378 east of SELL Segment D	SELL	E	C	C	D	D	C	D	E	E	D	D	E
SELL ALTERNATIVES	6180	**SELL Segment I**	SELL							B	B	B			
SELL ALTERNATIVES	6179	**SELL Segment L**	SELL							B	B	B			
SELL ALTERNATIVES	6193	**SELL Segment Q**	SELL							B					
SELL ALTERNATIVES	6178	**SELL Segment R**	SELL								B	B			
SELL ALTERNATIVES	6177	**SELL Segment R**	SELL								B	B			
SELL ALTERNATIVES	6176	**SELL Segment X**	SELL								B	B			
SELL ALTERNATIVES	6199	**SELL Segment O**	SELL										D		
SELL ALTERNATIVES	6200	**SELL Segment K**	SELL										D	C	
SELL ALTERNATIVES	6197	**SELL Segment M**	SELL											C	
Conway Perimeter Road (SELL Segment K)	6206	**Conway Perimeter Road from New Road to US 701**	ALL										C	C	
Conway Perimeter Road (SELL Segment H)	6195	**Conway Perimeter Road from US 701 to Cates Bay Highway**	ALL		A	A	A	A	A	A	A	A	C	C	A
Conway Perimeter Road (SELL Segment H)	6204	**Conway Perimeter Road from Cates Bay Highway to Relocated Dirty Branch Road**	ALL		A	A	A	A	A	A	A	A	C	C	A
Conway Perimeter Road (SELL Segment H)	6203	**Conway Perimeter Road north of Relocated Dirty Branch Road**	ALL		A	A	A	A	A	A	A	A	C	C	A
Conway Perimeter Road (SELL Segment H)	6205	**Conway Perimeter Road south of US 378**	ALL		A	A	A	A	A	A	A	A	C	C	A
Conway Perimeter Road (SELL Segment H)	4696	**Conway Perimeter Road north of US 378**	ALL	A	A	A	A	A	A	A	A	A	C	B	B
Conway Perimeter Road (SELL Segment H)	4698	**Conway Perimeter Road south of Dunn Short Cut**	ALL	A	A	A	A	A	A	A	A	A	C	B	A
Conway Perimeter Road (SELL Segment H)	1246	**Conway Perimeter Road between Dunn Short Cut and US 501**	ALL	C	A	A	A	A	A	A	A	A	C	C	B
New Road	587	New Road south of Conway Perimeter Road	ALL	A	A	A	A	A	A	A	A	A	C	B	A
New Road	1094	New Road north of Conway Perimeter Road	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 701	6194	US 701 south of Conway Perimeter Road	ALL		B	B	A	A	B	B	A	A	B	B	B
US 701	583	US 701 north of Conway Perimeter Road	ALL	B	A	A	A	A	B	B	A	A	C	B	B
Cates Bay Highway	1212	Cates Bay Highway west of Conway Perimeter Road	ALL	C	B	B	B	B	B	C	B	B	E	E	E
Cates Bay Highway	681	Cates Bay Highway east of Conway Perimeter Road	ALL	C	B	B	B	B	A	B	B	B	A	A	B
Relocated Dirty Branch Road	6202	Relocated Dirty Branch Road west of Conway Perimeter Road	ALL		A	A	A	A	A	A	A	A	B	B	A
US 378	4694	US 378 west of Conway Perimeter Road	ALL	B	A	A	B	B	A	A	B	B	B	B	B
US 378	632	US 378 east of Conway Perimeter Road	ALL	B	A	A	A	A	A	A	A	A	A	A	A
Dunn Short Cut Road	4695	Dunn Short Cut west of Conway Perimeter Road	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	2258	US 501/Church Street south Knotty Branch Road	ALL	C	C	C	C	C	B	B	B	B	B	B	B

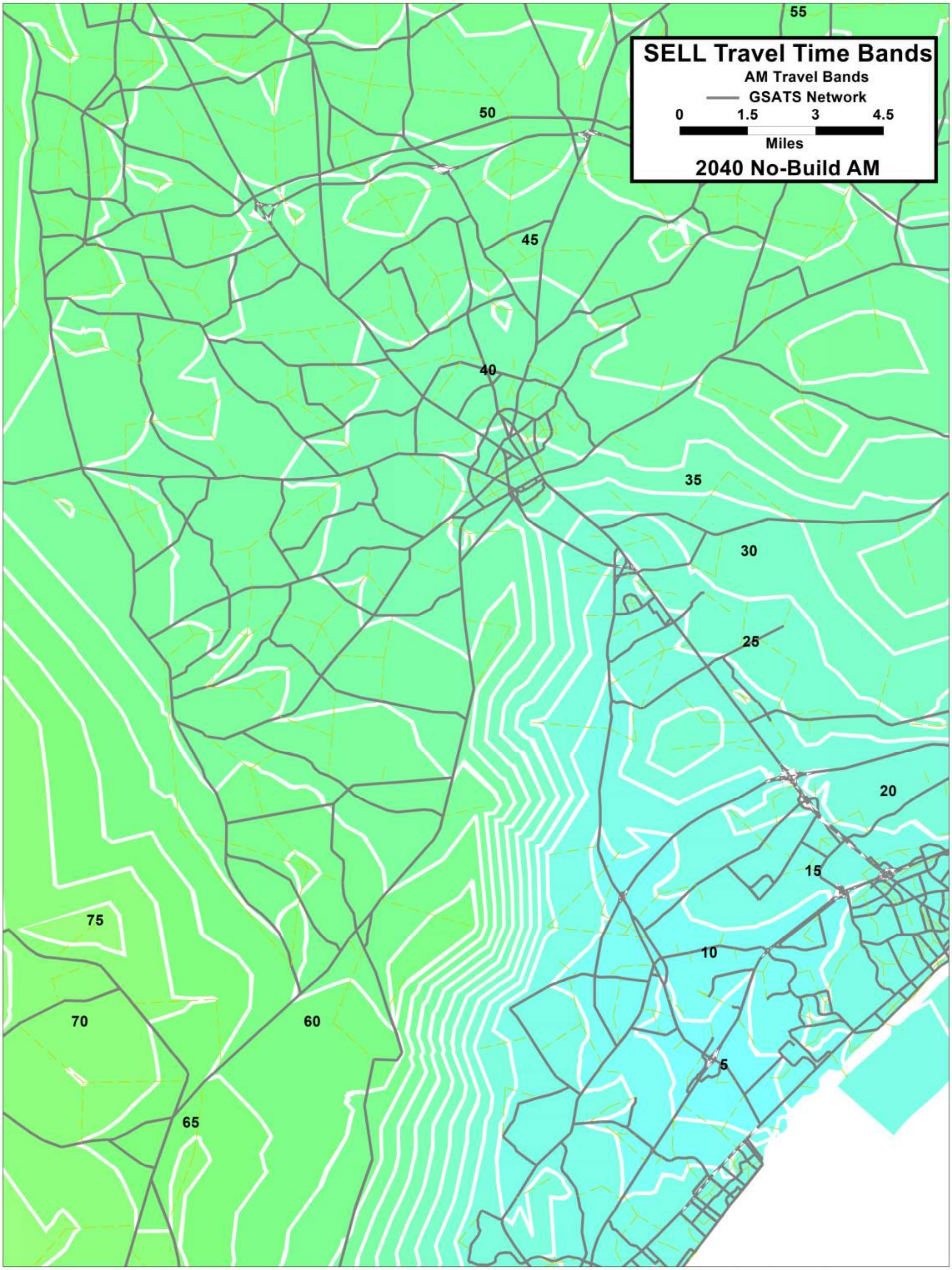
SELL ALTERNATIVES
2040 TOTAL DAILY LOS

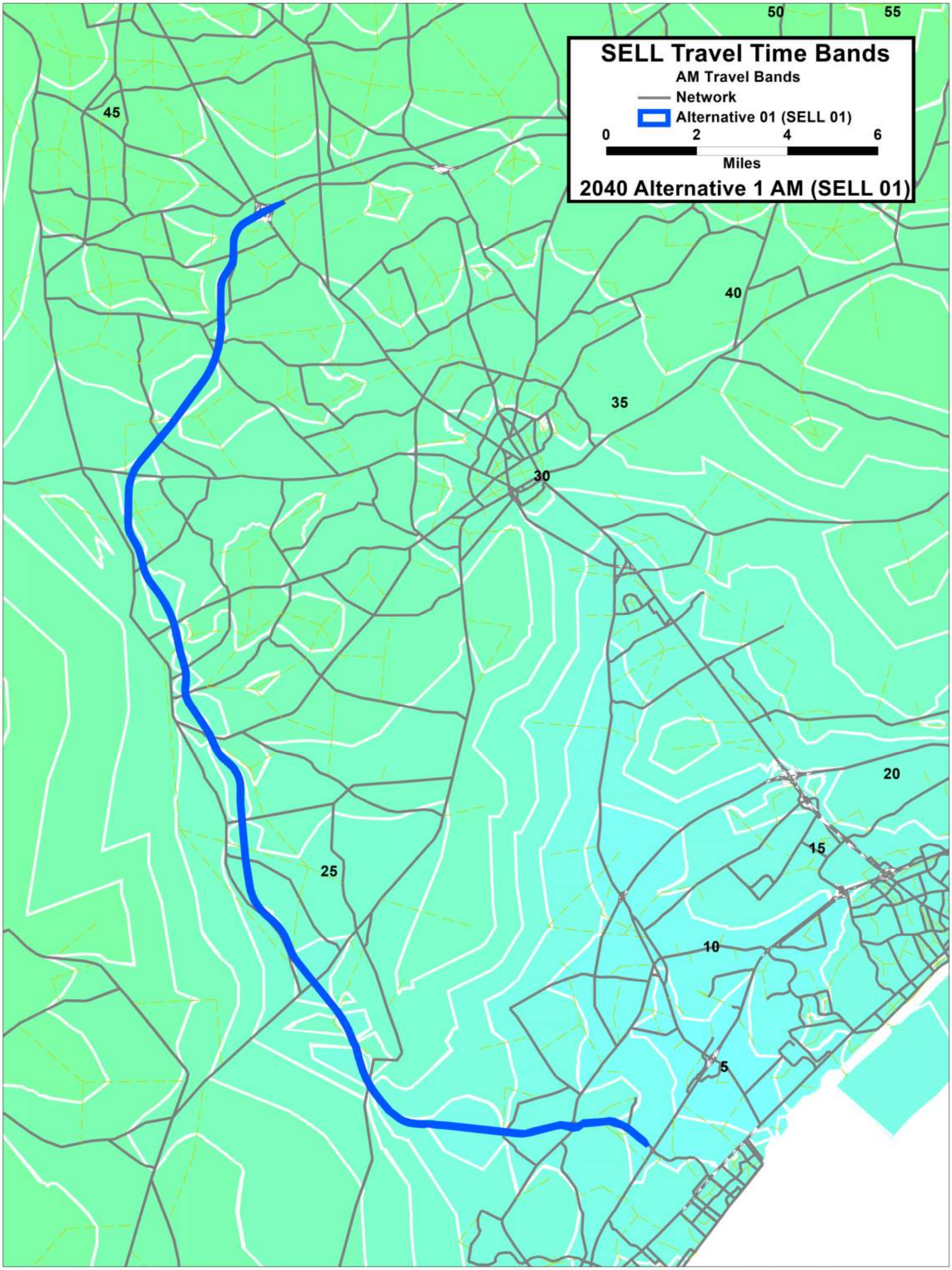
			CECS ALT->		1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
Knotty Branch Road	1256	Knotty Branch Road west of US 501	ALL	B	A	A	A	A	A	A	A	A	A	A	A
US 501	1254	US 501/Church Street north of Brown Swamp Road	ALL	C	C	C	C	C	B	B	C	C	B	B	B
US 501	1289	US 501/Church Street south of Brown Swamp Road	ALL	C	C	C	C	C	B	B	C	C	B	B	B
Brown Swamp Road	2260	Brown Swamp Road west of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	1651	US 501/Church St between Enoch Road and Hardwick Road	ALL	D	C	C	C	C	C	C	C	C	C	C	C
Enoch Road	1290	Enoch Road north of US 501	ALL	B	A	A	A	A	A	A	A	A	C	C	C
Handwick Road	1697	Handwick Road north of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	2344	US 501/Church Road between Enoch Road and Handwick Road	ALL	D	C	C	C	C	C	C	C	C	C	C	C
US 501	1387	US 501/Church Road north of Four Mile Road	ALL	D	C	C	C	C	C	C	C	C	C	C	C
Four Mile Road	2442	Four Mile Road east of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	1253	US 501/Church Road between Four Mile Road North/Four Mile Road South	ALL	D	C	C	C	C	C	C	C	C	C	C	C
Four Mile Road	1248	Four Mile Road west of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	1729	US 501/Church Road south of Four Mile Road	ALL	D	C	C	C	C	C	C	C	C	C	C	C
US 501	1095	US 501/Church Road north of Cultra Road/El Bethel Road	ALL	E	D	D	D	D	C	C	D	D	C	C	C
Cultra Road	1096	Cultra Road north of US 501	ALL	A	A	A	A	A	B	B	A	A	B	B	B
US 501	1734	US 501/Church St south of El Bethel Road/Cultra Road	ALL	C	C	C	C	C	B	B	C	C	B	B	C
US 501	612	US 501/Church St north of Fox Point Road	ALL	C	C	C	C	C	B	B	C	C	B	B	C
Fox Point Road	613	Fox Point Road east of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	614	US 501/Church St south of Fox Point Road	ALL	C	C	C	C	C	B	B	C	C	B	B	C
US 501	611	US 501/Church St north of Mill Pond Road	ALL	C	C	C	C	C	C	C	C	C	B	B	C
US 501	606	US 501/Church St between Mill Pond Road and 16th Avenue	ALL	C	C	C	C	C	C	C	C	C	B	B	C
Mill Pond Road	424	Mill Pond Road south of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
Mill Pond Road	5572	Mill Pond Road north of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	608	US 501/Church Street between 16th Avenue and Pine St	ALL	D	D	D	D	D	C	C	D	D	C	C	D
16th Avenue	607	16th Avenue south of US 501	ALL	C	B	B	B	B	A	A	B	B	A	A	B
16th Avenue	609	16th Avenue north of US 501	ALL	B	B	B	B	B	B	B	B	B	C	B	B
Pine Street	5708	Pine Street east of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	5709	US 501/Church St between Pine St and Forest View Road	ALL	D	C	C	C	C	C	C	C	C	C	C	D
US 501	602	US 501/Church Street between Forest View Road and 9th Avenue	ALL	C	C	C	C	C	C	C	C	C	C	C	D
Forest View Road (Connector)	2911	Forest View Road (Connector) east of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
US 501	605	US 501/Church Street south of 9th Avenue	ALL	D	D	D	D	D	C	C	D	D	C	C	D
9th Avenue	603	9th Avenue west of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
9th Avenue	604	9th Avenue east of US 501	ALL	B	B	B	B	B	B	B	B	B	B	B	B
US 501	600	US 501/Church St north of Wright Blvd	ALL	D	D	D	D	D	C	C	D	D	C	C	D
US 501	598	US 501/Church St south of Wright Blvd	ALL	E	D	D	D	D	C	C	D	D	C	C	E
Wright Boulevard	601	Wright Boulevard west of US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	B
Wright Boulevard	599	Wright Boulevard east of US 501	ALL	B	B	B	B	B	A	A	B	B	A	A	B
US 501	557	US 501 South of SB Off-Ramp to 4th Avenue	ALL	E	D	D	D	D	C	C	D	D	C	C	E
US 501	597	US 501 north of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	E	D	D	D	D	C	C	D	D	C	C	E
US 501	596	US 501 south of SB On-Ramp from 4th Avenue/NB Off-Ramp to Ash Pond Road	ALL	F	F	F	F	F	E	E	F	F	D	D	F
US 501	1140	US 501 between 4th Avenue Ramps and SELL Segment M	ALL	F	F	F	F	F	E	E	F	F	D	D	F
US 501	6196	US 501 north of SELL Segment M	ALL		F	F	F	F	E	E	F	F	D	D	F
US 501	594	US 501 south of SELL Segment M	ALL	F	F	F	F	F	E	E	F	F	D	F	F
US 501	571	US 501 west of SC 544	ALL	F	E	E	E	E	D	D	E	E	D	F	F
US 501	573	US 501 EB east of SC 544	ALL	D	D	D	D	D	C	C	D	D	C	C	C
US 501	5592	US 501 WB east of SC 544	ALL	E	D	D	D	D	C	C	D	D	C	D	D
SC 544	572	SC 544 south of US 501	ALL	F	F	F	F	F	D	C	F	F	C	F	F
SC 544	570	SC 544 north of US 501	ALL	F	F	E	E	E	E	E	E	E	E	E	E
BR 501	2919	BR 501 south of US 501	ALL	C	C	C	C	C	B	B	C	C	B	B	B
BR 501	5595	BR 501 between loop ramps	ALL	C	C	C	C	C	B	B	C	C	B	B	B
BR 501	5593	BR 501 north of US 501	ALL	E	D	D	D	E	D	D	E	D	D	F	F
BR 501	5596	Loop Ramp from SB BR501 to EB US 501	ALL	A	A	A	A	A	A	A	A	A	A	A	A
BR 501	5594	Loop Ramp from NB BR 501 to WB US 501	ALL	C	B	B	B	B	A	A	B	B	A	F	F
US 501	591	US 501 EB east of SC 544	ALL	E	D	D	D	D	D	D	D	D	D	F	F
US 501	5600	US 501 WB east of SC 544	ALL	C	C	C	C	C	C	C	C	C	C	E	D
Cox Ferry Road	2920	Cox Ferry Road west of BR 501	ALL	C	B	B	B	B	A	A	B	B	A	D	D
Cox Ferry Road	2921	Cox Ferry Road east of BR 501	ALL	D	C	C	C	C	B	B	C	C	C	F	E
BR 501	2915	BR 501 between SC 544 and Cox Ferry Road	ALL	F	E	E	E	E	C	C	E	E	C	D	D
SC 544	572	SC 544 north of Cox Ferry Road	ALL	F	F	F	F	F	D	C	F	F	C	F	F
SC 544	2896	SC 544 between Cox Ferry Road and BR 501	ALL	F	F	F	F	F	E	E	F	F	D	F	F
SC 544	2912	SC 544 south of BR 501	ALL	E	D	D	D	D	C	C	D	D	C	E	E

SELL ALTERNATIVES
2040 TOTAL DAILY LOS

				CECS ALT->	1	2	3 & 5	4 & 6	7	8 & 9	10 & 11	12 & 13	14	15	16
	Link#	Description	Common	SELL_NB	SELL_01R2	SELL_02R2	SELL_03R2	SELL_04R2	SELL_05R2	SELL_06R2	SELL_07R2	SELL_08R2	SELL_09	SELL_10	SELL_11
SC 544	4623	SC 544 north of University Blvd	ALL	E	D	D	D	D	C	C	D	D	C	E	E
SC 544	4614	SC 544 south of University Blvd	ALL	E	D	D	D	D	C	C	D	D	D	E	E
University Blvd	4844	University Blvd east of SC 544	ALL	B	B	B	B	B	B	B	B	B	C	B	B
SC 544	6198	SC 544 north of SELL Segment O	ALL		D	D	D	D	C	C	D	D	C	E	E
SC 544	4620	SC 544 south of SELL Segment O	ALL	E	D	D	D	D	C	C	D	D	F	E	E
SC 544	1114	SC 544 north of Singleton Ridge	ALL	D	C	C	C	C	C	B	C	C	E	D	D
SC 544	1505	SC 544 south of Singleton Ridge	ALL	E	D	D	D	D	C	C	D	D	E	E	E
Singleton Ridge	1718	Singleton Ridge east of SC 544	ALL	B	C	C	C	C	C	C	C	C	C	C	C
SC 544	4064	SC 544 north of CC 4065	ALL	E	D	D	D	D	C	C	D	D	E	E	E
SC 544	577	SC 544 south of CC 4065	ALL	E	D	D	D	D	C	C	D	D	F	E	E
SC 544	576	SC 544 north of Myrtle Ridge Dr	ALL	E	D	D	D	D	C	C	D	D	F	E	E
SC 544	694	SC 544 south of Myrtle Ridge Dr	ALL	E	C	C	C	C	C	C	C	C	E	D	D
Mytrle Ridge Drive	1597	Myrtle Ridge Dr east of SC 544	ALL	C	C	C	C	C	C	C	C	C	E	D	D
SC 544	707	SC 544 south of CC 2810 and 89	ALL	E	C	C	C	C	D	D	C	C	E	D	D
SC 544	6189	SC 544 between CC 2810/89 and CC 57	ALL		C	C	C	C	D	D	C	C	E	D	D
SC 544	705	SC 544 north of CC 57	ALL	E	C	C	C	C	E	E	C	C	E	D	D
SC 544	706	SC 544 south of CC 57	ALL	E	D	D	D	D	E	E	D	D	E	E	E
SC 544	2817	SC 544 south of CC 2904/2818	ALL	E	E	E	E	E	E	E	E	E	E	E	E
SC 544	4594	SC 544 north of Carolina Bays Parkway interchange	ALL	C	C	C	C	C	C	C	C	C	D	C	C
SC 544	6037	SC 544 between Carolia Bays SB off-ramp and SB on-ramp	ALL	C	C	C	C	C	C	C	C	C	C	C	C
Carolina Bays Parkway	6063	Carolina Bays Parkway SB On-Ramp from SC 544	ALL	E	C	C	C	C	C	C	C	C	E	E	E
Carolina Bays Parkway	6038	Carolina Bays Parkway SB Off-Ramp to SC 544	ALL	A	A	A	A	B	A	A	B	B	A	A	A
SC 544	6062	SC 544 between Carolina Bays SB On-Ramp and Loop On-Ramp from NB Carolina Bays	ALL	C	B	B	B	B	C	C	B	B	C	C	C
SC 544	6055	SC 544 between NB Loop on Ramp from NB Carolina Bays and Loop On-Ramp from SB Carolina Bays	ALL	B	B	B	B	B	B	B	B	B	B	B	B
SC 544	6126	SC 544 between Loop On-Ramp from SB Carolina Bays and Loop Off-Ramp to NB Carolina Bays	ALL		B	B	B	B	C	C	B	B	C	C	C
SC 544	6060	SC 544 between Loop On-Ramp to NB Carolina Bays and NB Off-Ramp from Carolina Bays	ALL	B	B	B	B	B	C	C	B	B	C	B	B
SC 544	6039	SC 544 between NB Off-Ramp and NB On-Ramp to NB Carolina Bays	ALL	C	B	B	B	B	C	C	B	B	C	C	C
SC 544	2811	SC 544 east of Carolina Bays Parkway	ALL	C	C	C	C	C	C	C	C	C	C	C	C
Carolina Bays Parkway	1491	Loop Off Ramp from SB Carolina Bays to EB SC 544	ALL	C	C	C	C	C	B	B	C	C	C	D	D
Carolina Bays Parkway	6128	Loop On Ramp from EB SC 544 to NB Carolina Bays	ALL		B	B	B	B	A	A	B	B	B	B	B
Carolina Bays Parkway	6056	Loop Off-Rapm from NB Carolina Bays to WB SC 544	ALL	D	B	C	B	B	B	B	B	B	E	D	D
Carolina Bays Parkway	6061	NB Off-Ramp from NB Carolina Bays Parkway to EB SC 544	ALL	A	A	A	A	A	A	A	A	A	A	A	A
Carolina Bays Parkway	6040	NB On-Ramp from WB SC 544 to NB Carolina Bays	ALL	E	C	C	C	C	C	B	C	C	D	D	C
Carolina Bays Parkway	6036	Carolina Bays Parkway north of SC 544 interchange	ALL	C	C	C	C	C	C	C	C	C	C	C	C
Carolina Bays Parkway	6041	SB Carolina Bays Parkway between SB Off-Ramp to WB SC 544 and Loop Off-Ramp to EB SC 544	ALL	C	C	C	C	C	D	C	C	C	C	C	C
Carolina Bays Parkway	6058	SB Carolina Bays Parkway between Loop Off-Ramp to EB SC 544 and On -Ramp from SC 544	ALL	B	B	B	B	B	C	C	B	B	B	B	B
Carolina Bays Parkway	6064	Carolina Bays Parwkay south of SC 544 interchange	ALL	C	B	B	B	B	C	C	B	B	C	C	C
Carolina Bays Parkway	6127	NB Carolina Bays Parkway between Off-Ramp to EB SC 544 and Loop On-Ramp from EB SC 544	ALL		C	C	C	C	D	D	C	C	C	C	C
Carolina Bays Parkway	6059	NB Carolina Bays Parkway between Loop On-Ramp from EB SC 544 and Loop Off-Ramp to WB SC 544	ALL	D	D	D	D	C	D	D	D	D	E	E	D
Carolina Bays Parkway	6057	NB Carolina Bays Parkway between Loop Off-Ramp to WB SC 544 and On-Ramp from WB SC 544	ALL	B	C	C	C	C	C	C	C	C	C	C	C
SC 544	2811	SC 544 between Carolina Bays Parkway Interchange and Dick Pond Road (north)	ALL	C	C	C	C	C	C	C	C	C	C	C	C
SC 544	2905	SC 544 south of Dick Pond Road (north)	ALL	C	C	C	C	C	D	D	C	C	C	C	C
Dick Pond Road (north)	2909	Dick Pond Road (North) east of SC 544	ALL	F	F	F	F	F	F	F	F	F	F	F	F
SC 544	4596	SC 544 south of CC 4595	ALL	C	C	C	C	C	D	D	C	C	C	C	C
SC 544	2901	SC 544 north of 707 Connector	ALL	C	C	C	C	C	D	D	C	C	C	C	C
SC 544	2900	SC 544 between 707 Connector and Dick Pond Road (south)	ALL	C	C	C	C	C	C	C	C	C	C	C	C
707 Connector	2903	707 Connector west of SC 544	ALL	B	A	A	A	A	B	A	A	A	C	C	C
SC 544	966	SC 544 south of Dick Pond Road (south)	ALL	D	D	C	D	C	D	D	D	C	D	D	D
Dick Pond Road (south)	965	Dick Pond Road (south) east of SC 544	ALL	D	E	E	E	E	E	E	E	E	E	E	E
SC 544	6069	SC 544 north of CC 4536	ALL	D	D	C	D	C	D	D	D	C	D	D	D
SC 544	4535	SC 544 south of CC 4536	ALL	D	D	C	D	C	D	D	D	C	D	D	D
SC 544	4631	SC 544 north of Big Block Road	ALL	E	D	D	D	D	E	E	D	D	D	D	D
SC 544	983	SC 544 south of Big Block Road	ALL	F	F	E	F	E	F	F	F	E	E	E	E
Big Block Road	4633	Big Block Road west of SC 544	ALL	C	D	D	D	D	C	C	D	D	D	D	D
SC 544	4722	SC 544 east of CC 4912	ALL	F	F	E	F	E	F	F	F	E	E	E	E
SC 544	4913	SC 544 west of N Strand Parkway/Sayebrook Parkway	ALL	F	F	E	F	E	F	F	F	E	E	E	E
SC 544	4398	SC 544 between N Strand Parkway/Sayebrook Parkway and US 17 Bypass SB Ramps	ALL	E	E	E	E	E	E	E	E	E	D	D	D
N Strand Parkway	5548	N Strand Parkway south of SC 544	ALL	F	F	F	F	F	F	F	F	F	F	F	F
Sayebrook Parkway	5551	Sayebrook Parkway north of SC 544	ALL	F	F	F	F	F	F	F	F	F	F	F	F

Appendix J—Travel Time Profiles


SELL Travel Time Bands
AM Travel Bands
GSATS Network
0
1.5
3
4.5
Miles
2040 No-Build AM
55
50
45
40
35
30
25
20
15
10
5
75
70
60
65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AM Travel Bands
Network
Alternative 01 (SELL 01)
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4
6
Miles
2040 Alternative 1 AM (SELL 01)
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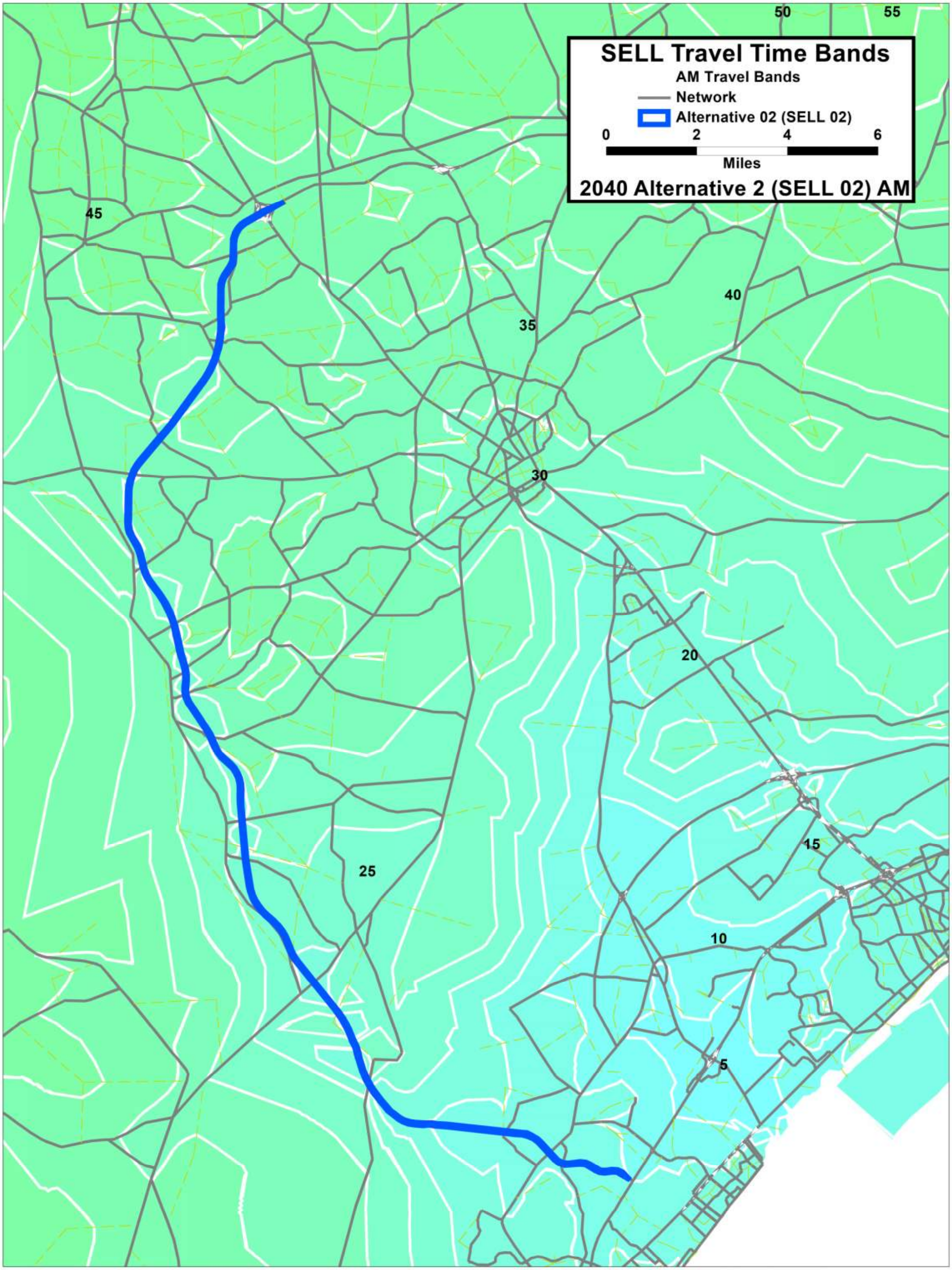
55
45
40
35
30
20
15
25
10
5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Network
Alternative 02 (SELL 02)
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4
6
Miles
2040 Alternative 2 (SELL 02) AM
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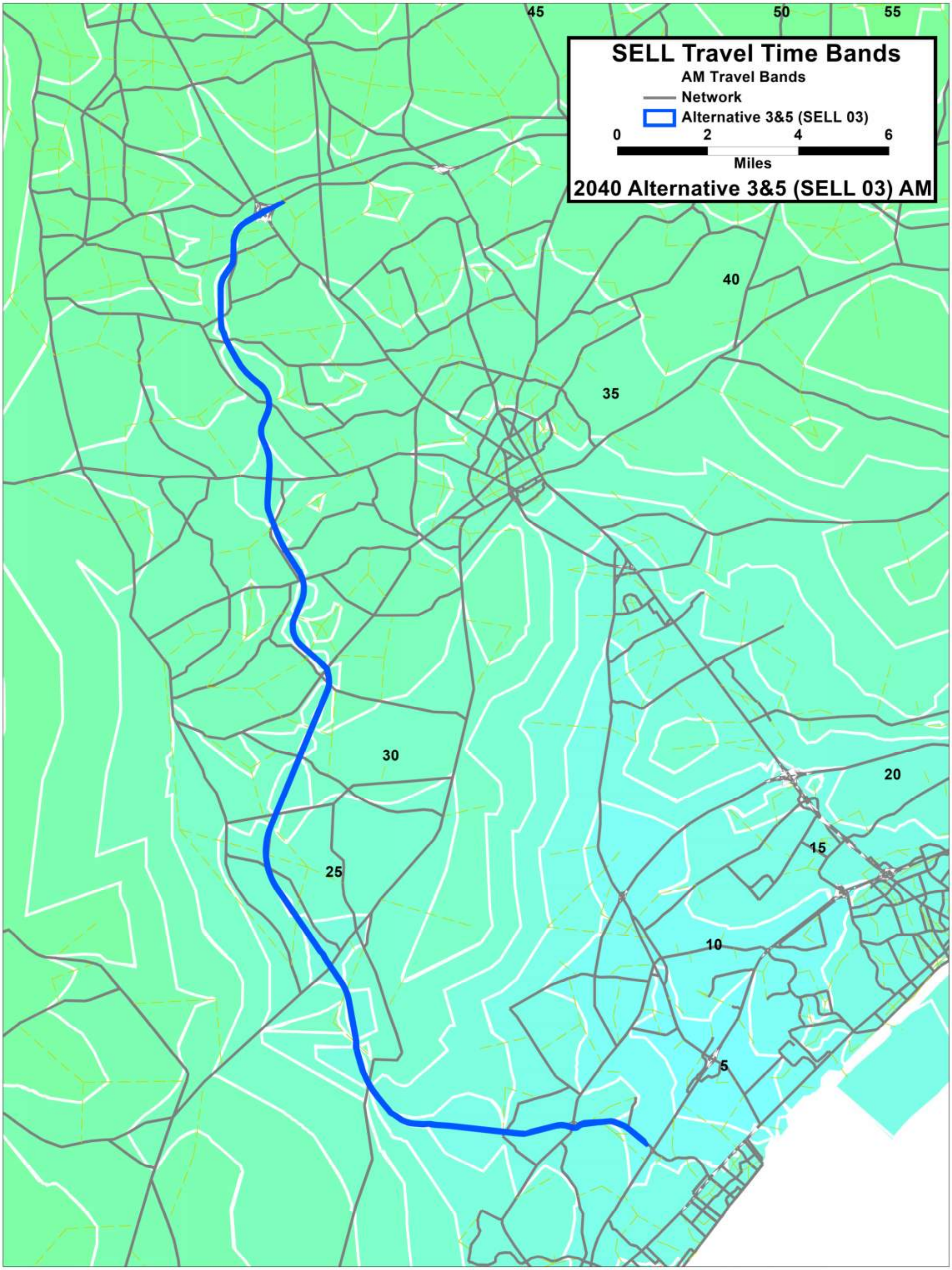
55
45
40
35
30
20
25
15
10
5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AM Travel Bands
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Alternative 3&5 (SELL 03)
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2
4
6
Miles
2040 Alternative 3&5 (SELL 03) AM
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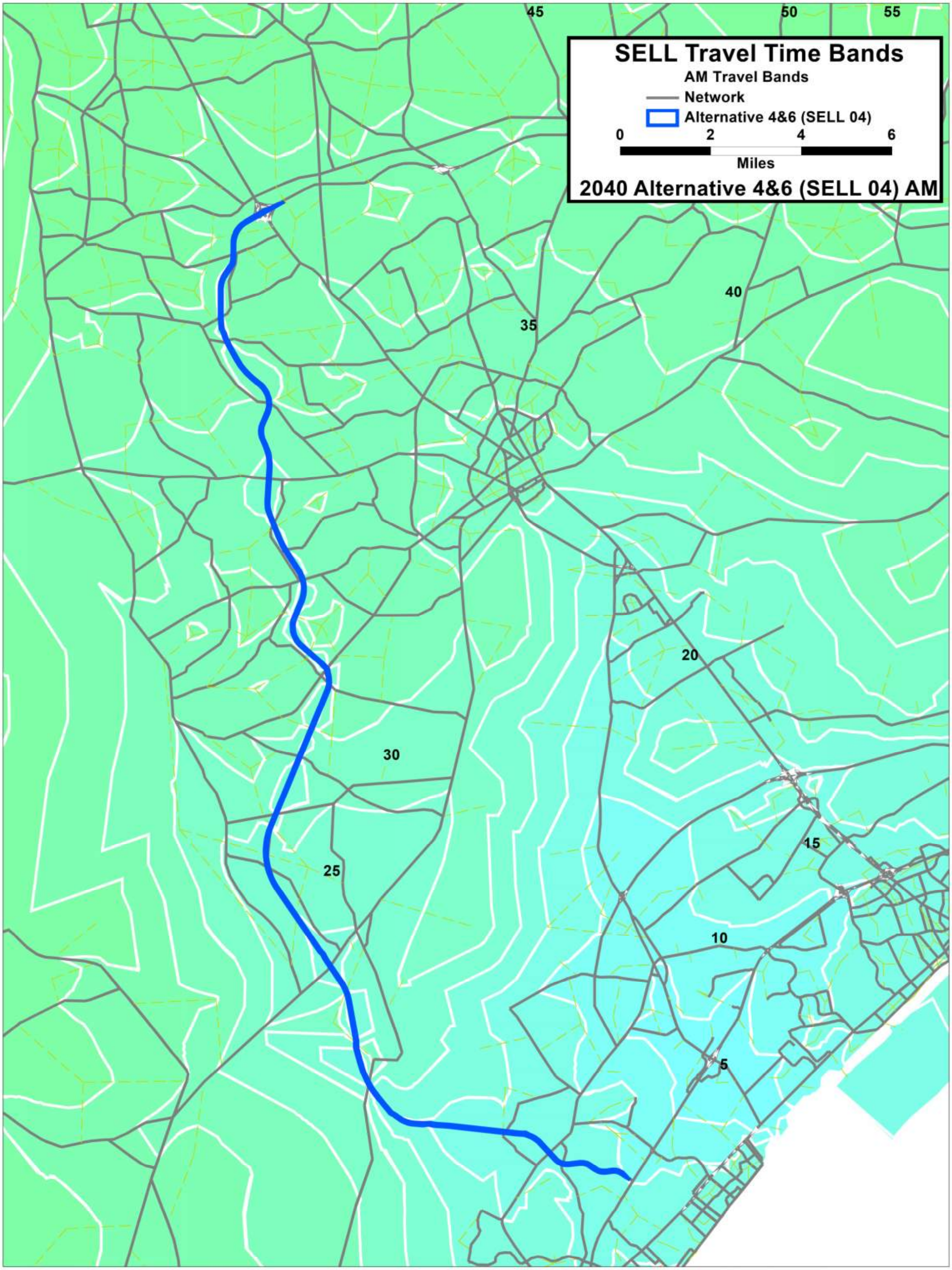
50
55
40
35
30
25
20
15
10
5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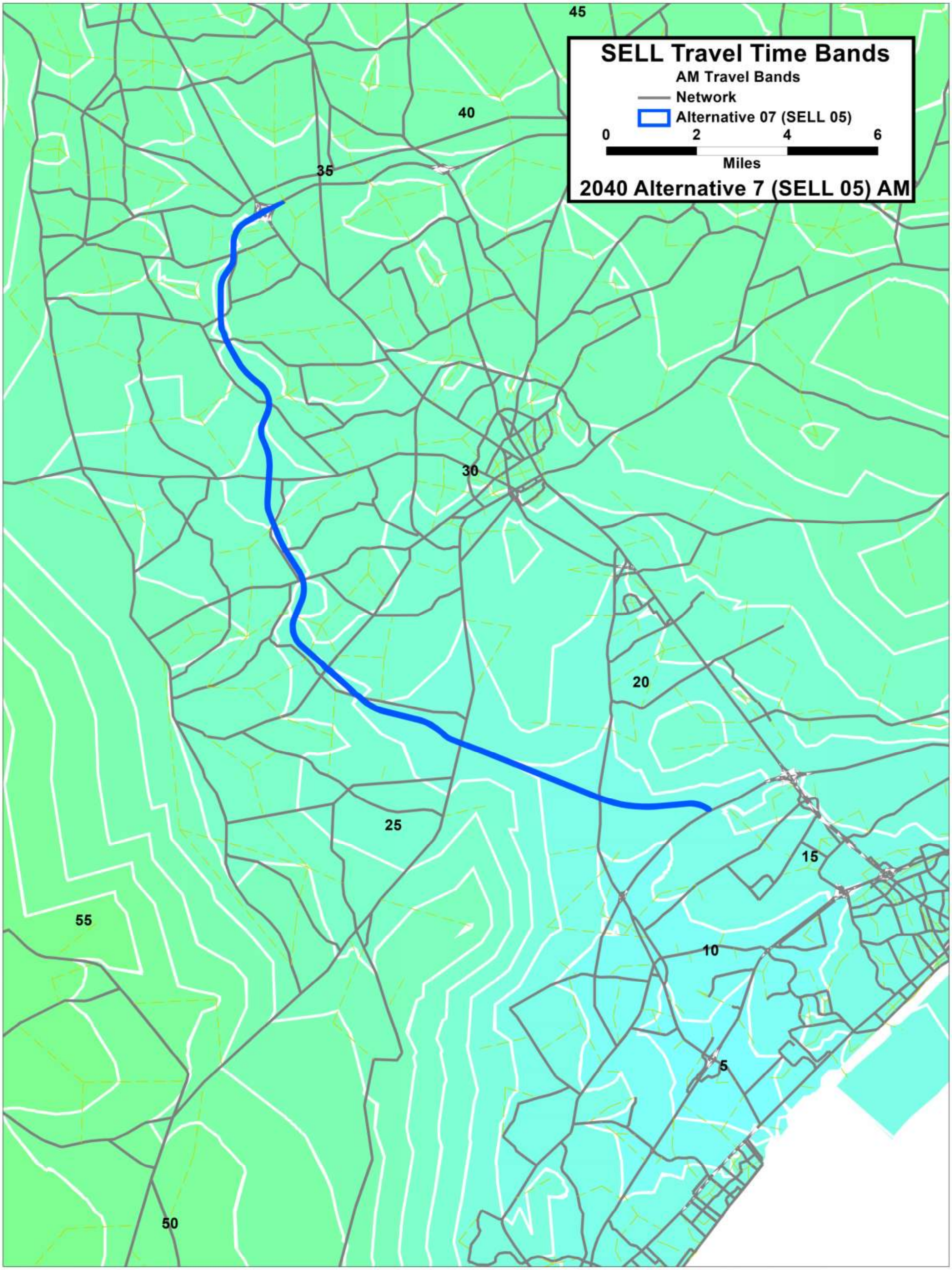
AM Travel Bands
Network
Alternative 4&6 (SELL 04)
0
2
4
6
Miles
2040 Alternative 4&6 (SELL 04) AM
45
50
55
40
35
20
30
15
25
10
5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AM Travel Bands
Network
Alternative 07 (SELL 05)
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2
4
6
Miles
2040 Alternative 7 (SELL 05) AM
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40
35
30
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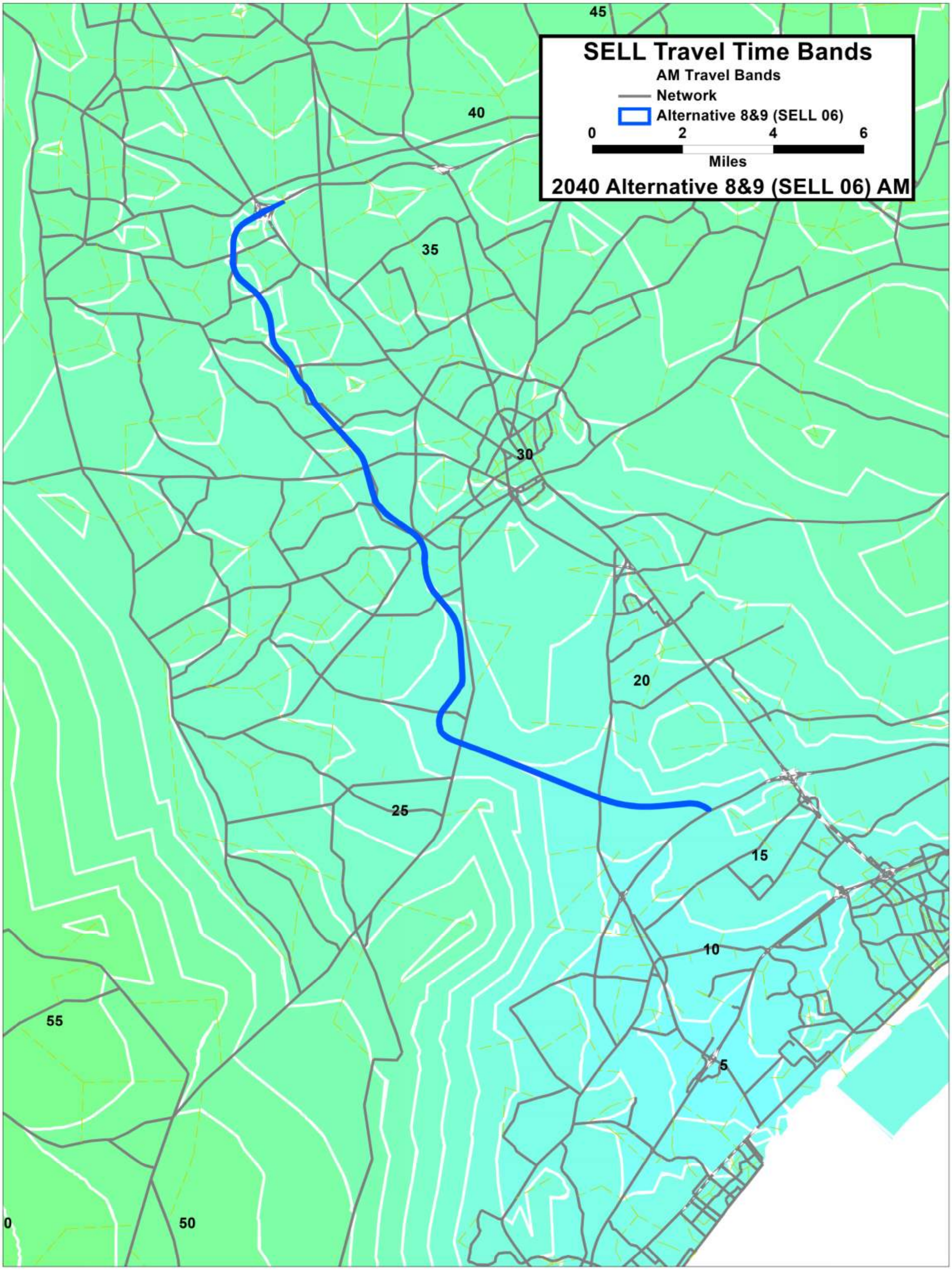
25
15
10
5
55
50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AM Travel Bands
Network
Alternative 8&9 (SELL 06)
0
2
4
6
Miles
2040 Alternative 8&9 (SELL 06) AM
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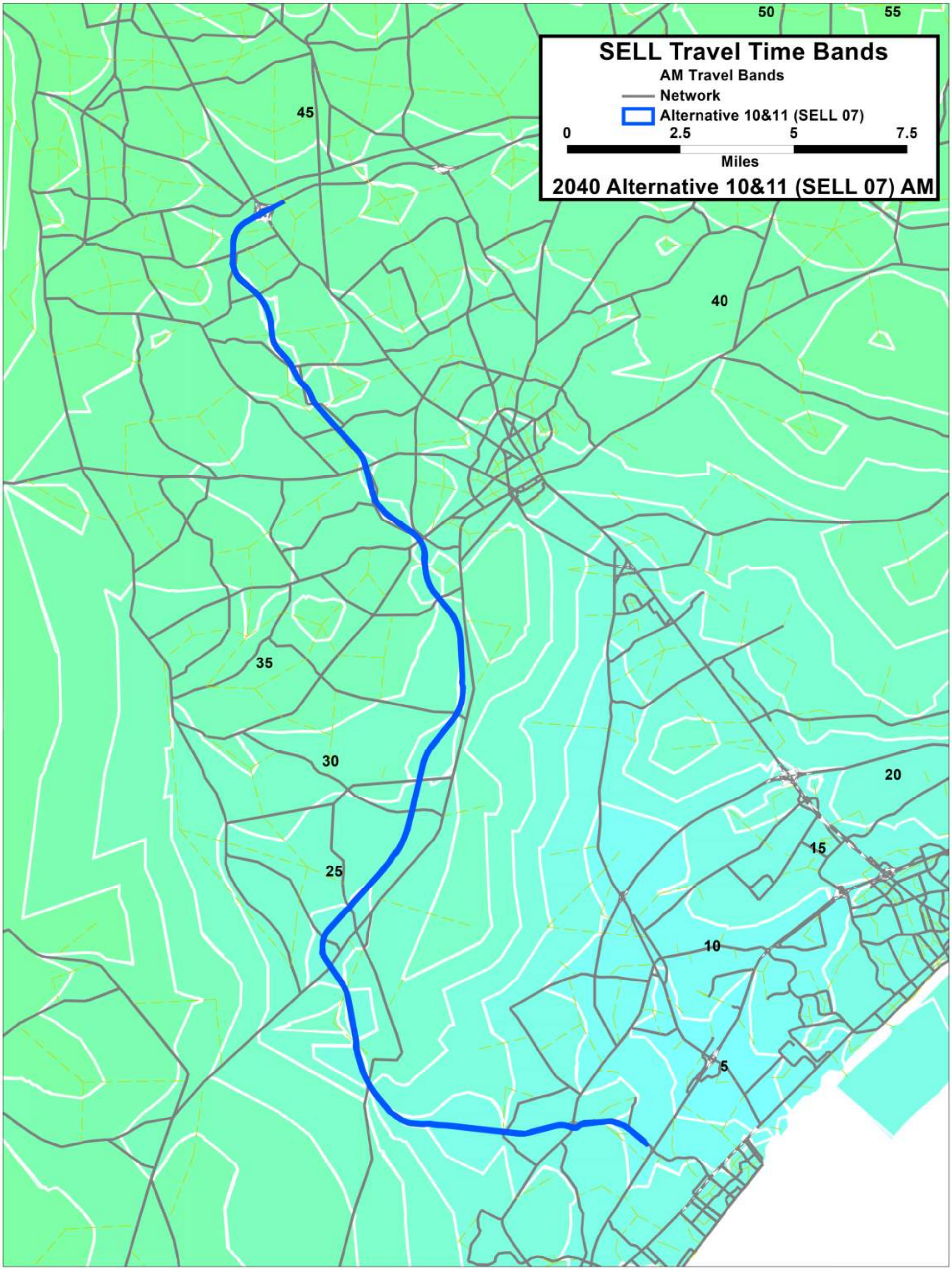
40
35
30
20
25
15
10
5
55
50
0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AM Travel Bands
Network
Alternative 10&11 (SELL 07)
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2.5
5
7.5
Miles
2040 Alternative 10&11 (SELL 07) AM
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40
35
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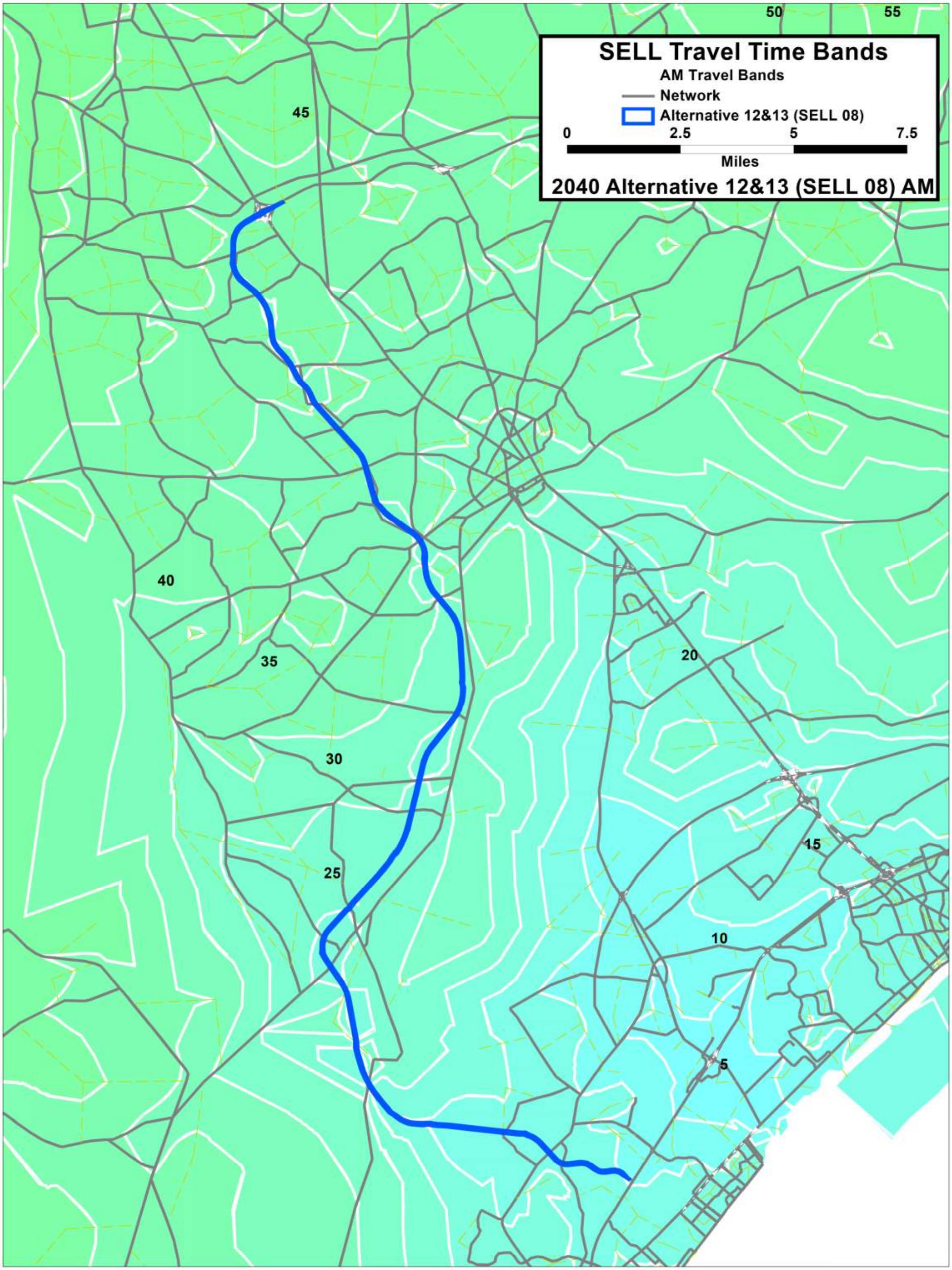
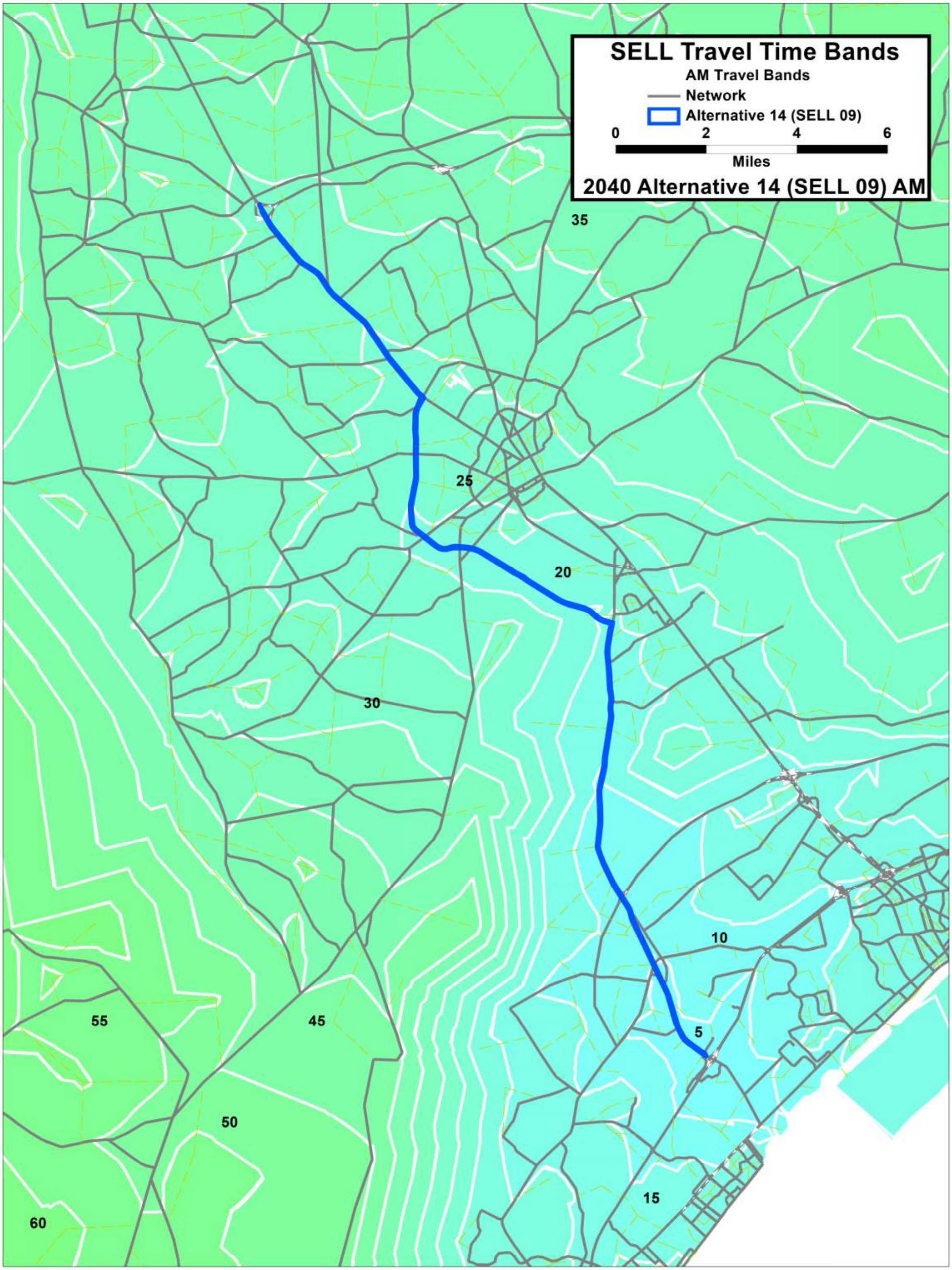
25
20
15
10
5


SELL Travel Time Bands
AM Travel Bands
Network
Alternative 12&13 (SELL 08)
0
2.5
5
7.5
Miles
2040 Alternative 12&13 (SELL 08) AM
50
55
45
40
35
30
25
20
15
10
5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AM Travel Bands
Network
Alternative 14 (SELL 09)
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4
6
Miles
2040 Alternative 14 (SELL 09) AM
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20
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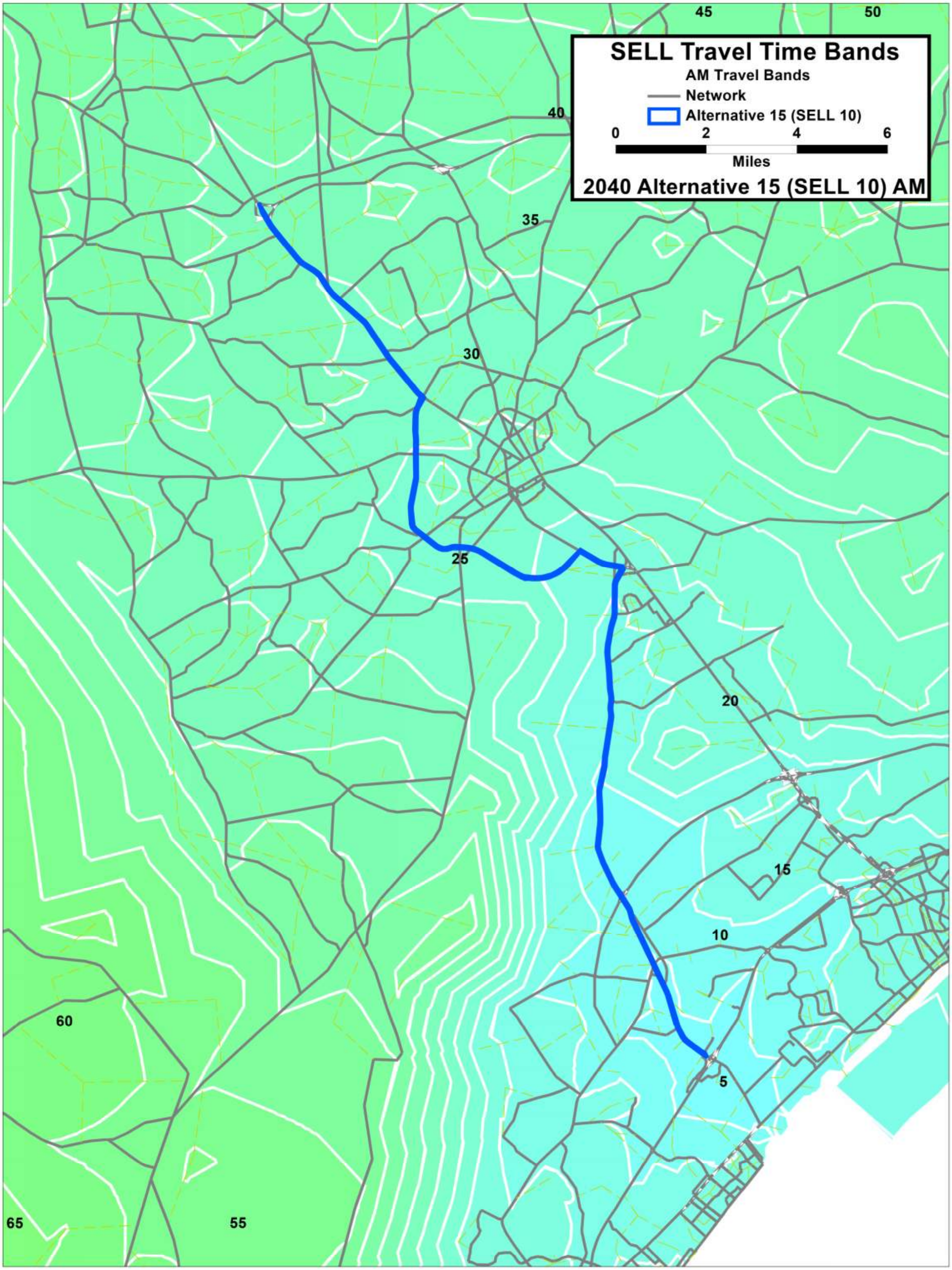
45
50
15
60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AM Travel Bands
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Alternative 15 (SELL 10)
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4
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Miles
2040 Alternative 15 (SELL 10) AM
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25
20
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5
60
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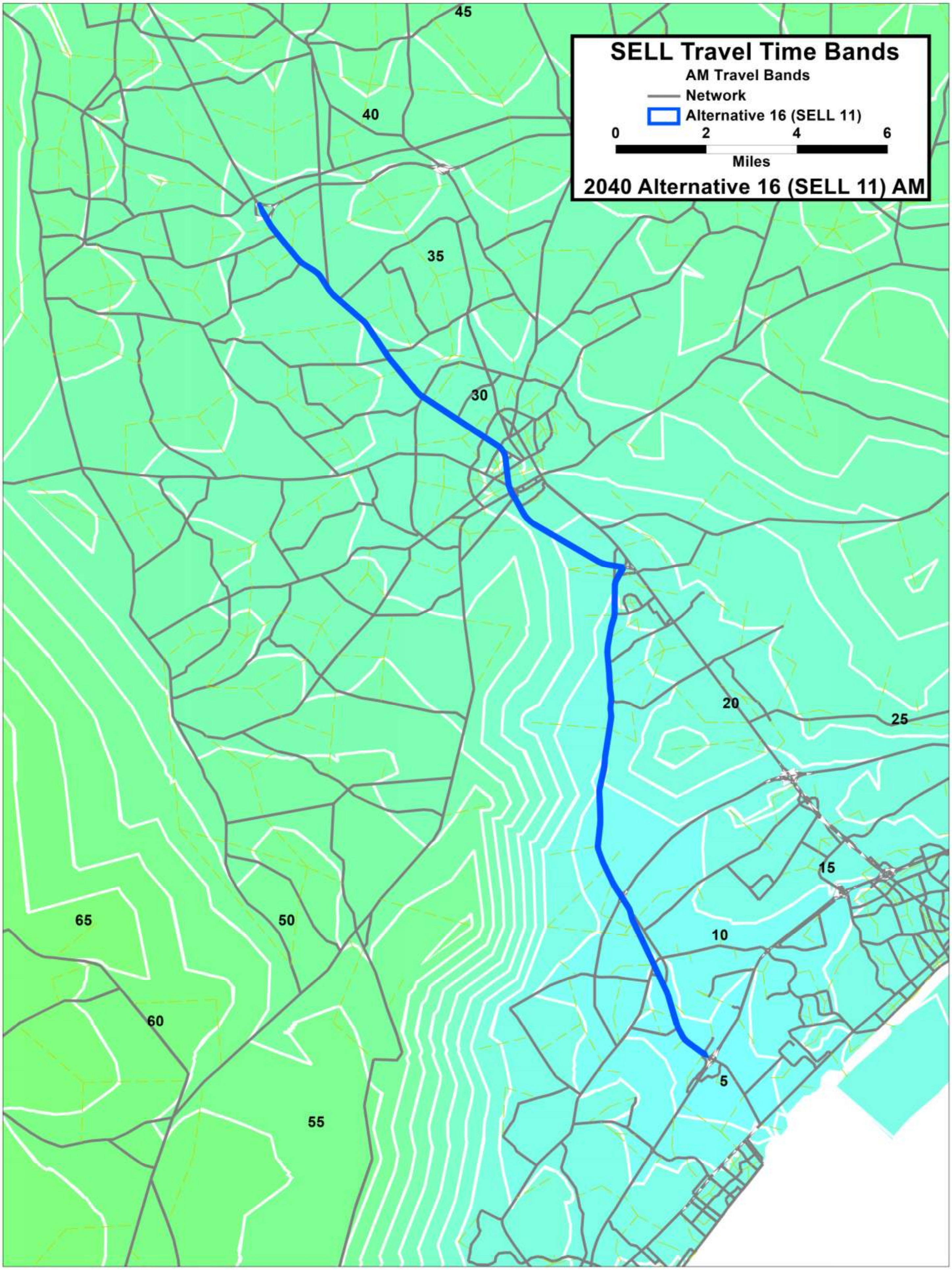
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AM Travel Bands
Network
Alternative 16 (SELL 11)
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2
4
6
Miles
2040 Alternative 16 (SELL 11) AM
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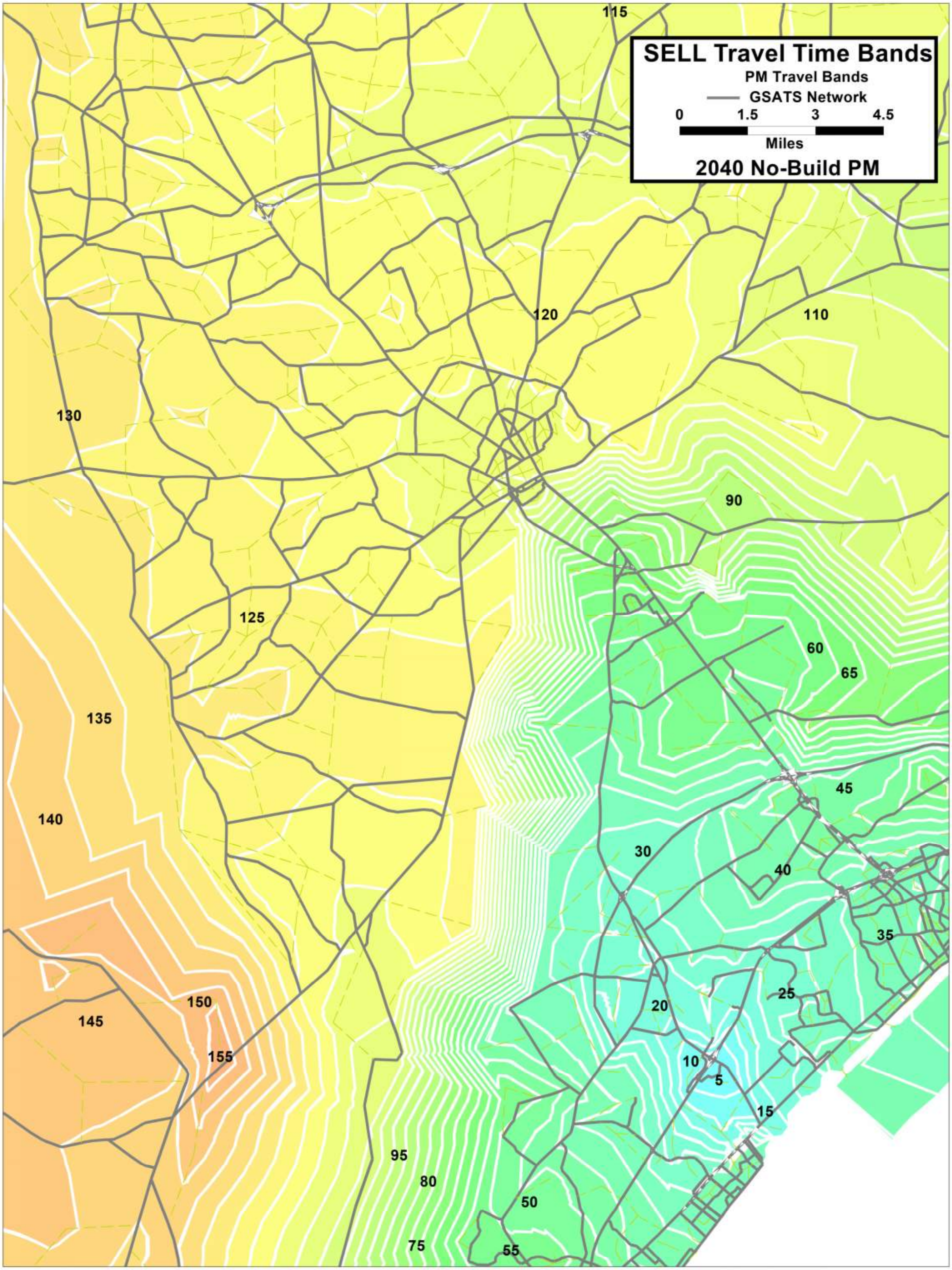
30
20
25
15
10
5
65
50
60
55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PM Travel Bands
GSATS Network
0
1.5
3
4.5
Miles
2040 No-Build PM
115
120
110
130
90
125
60
65
135
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150
20
145
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10
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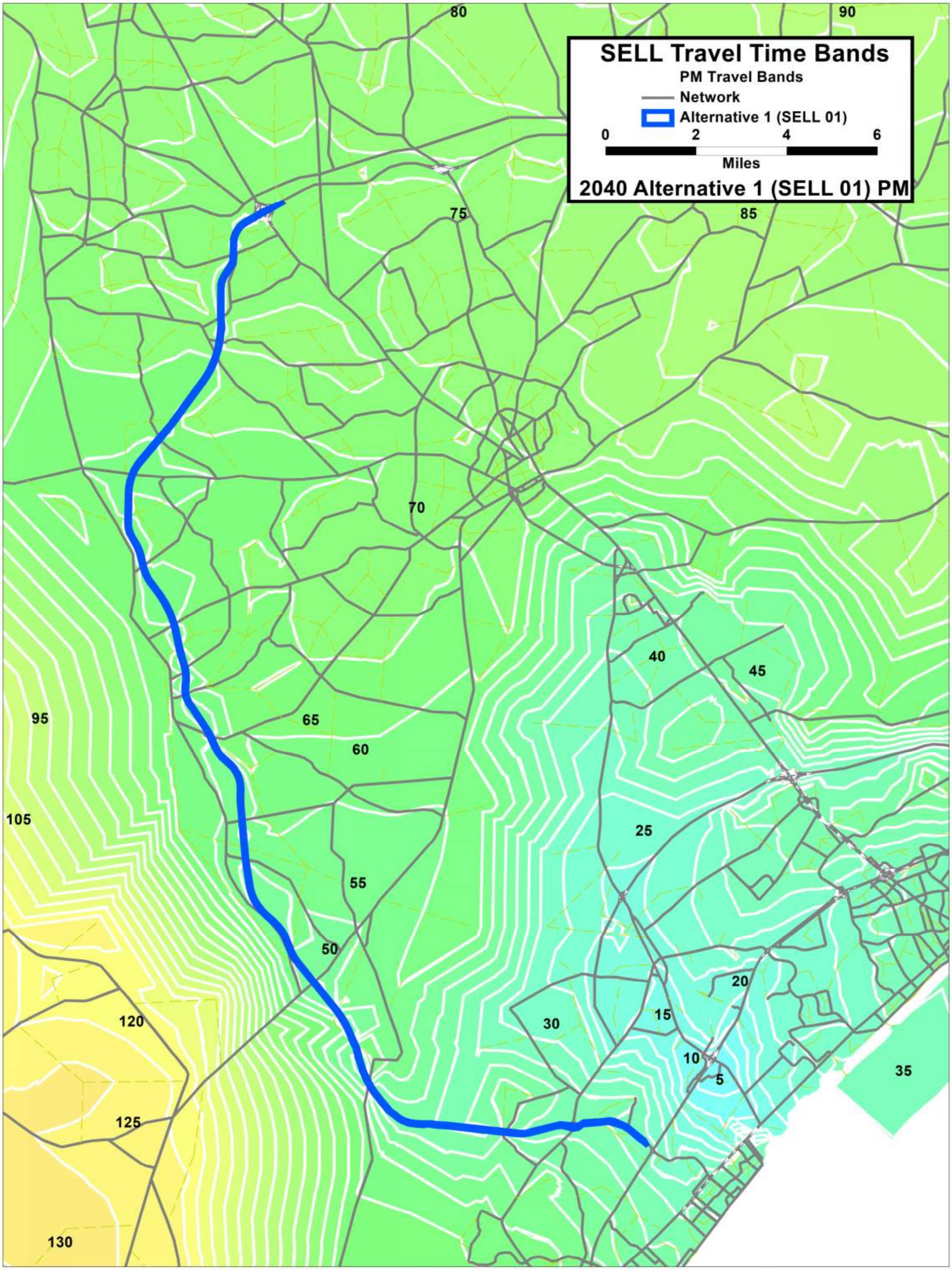
95
80
50
75
55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PM Travel Bands
Network
Alternative 1 (SELL 01)
0
2
4
6
Miles
2040 Alternative 1 (SELL 01) PM
80
90
75
85
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15
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5
35
125
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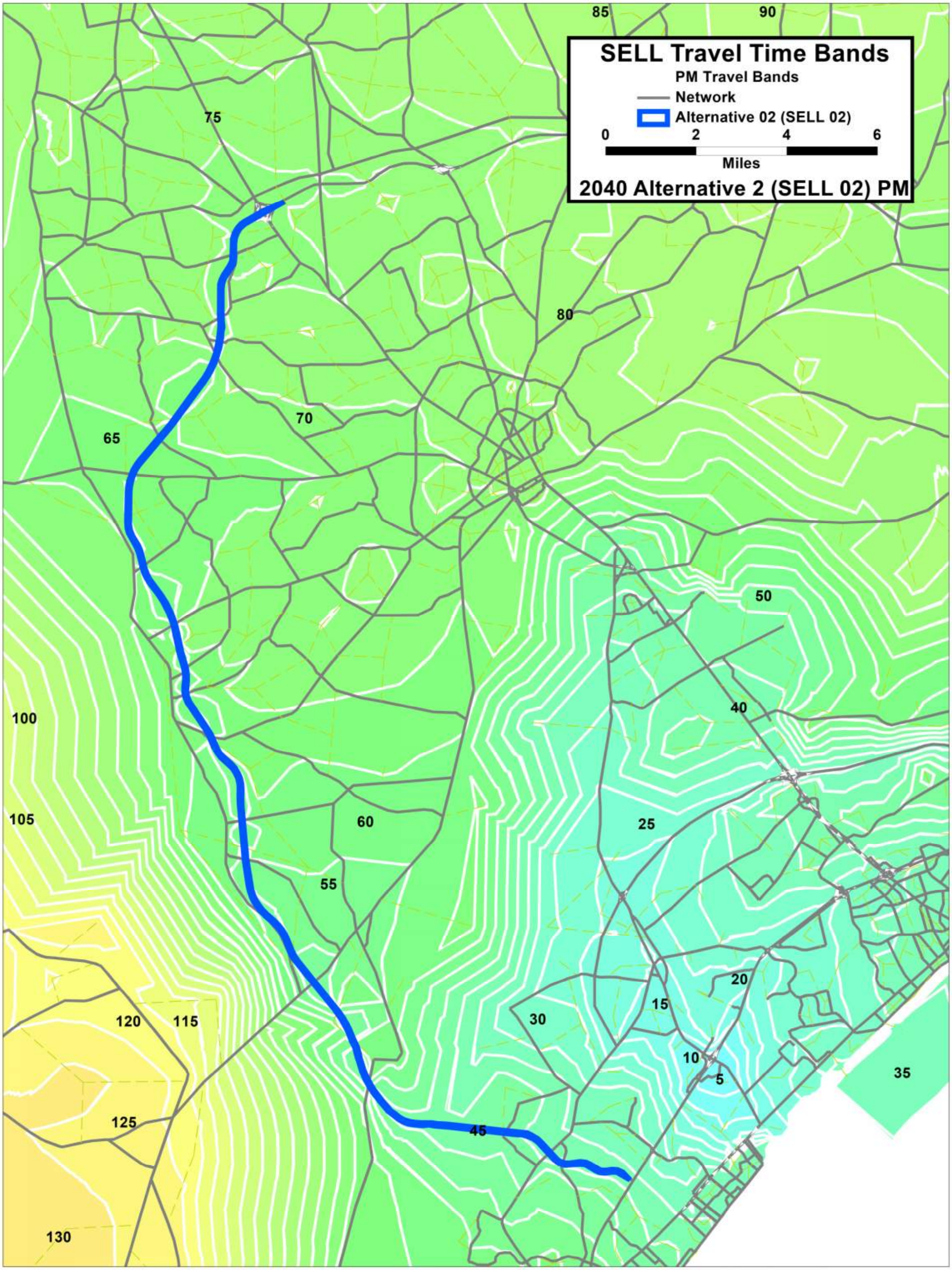
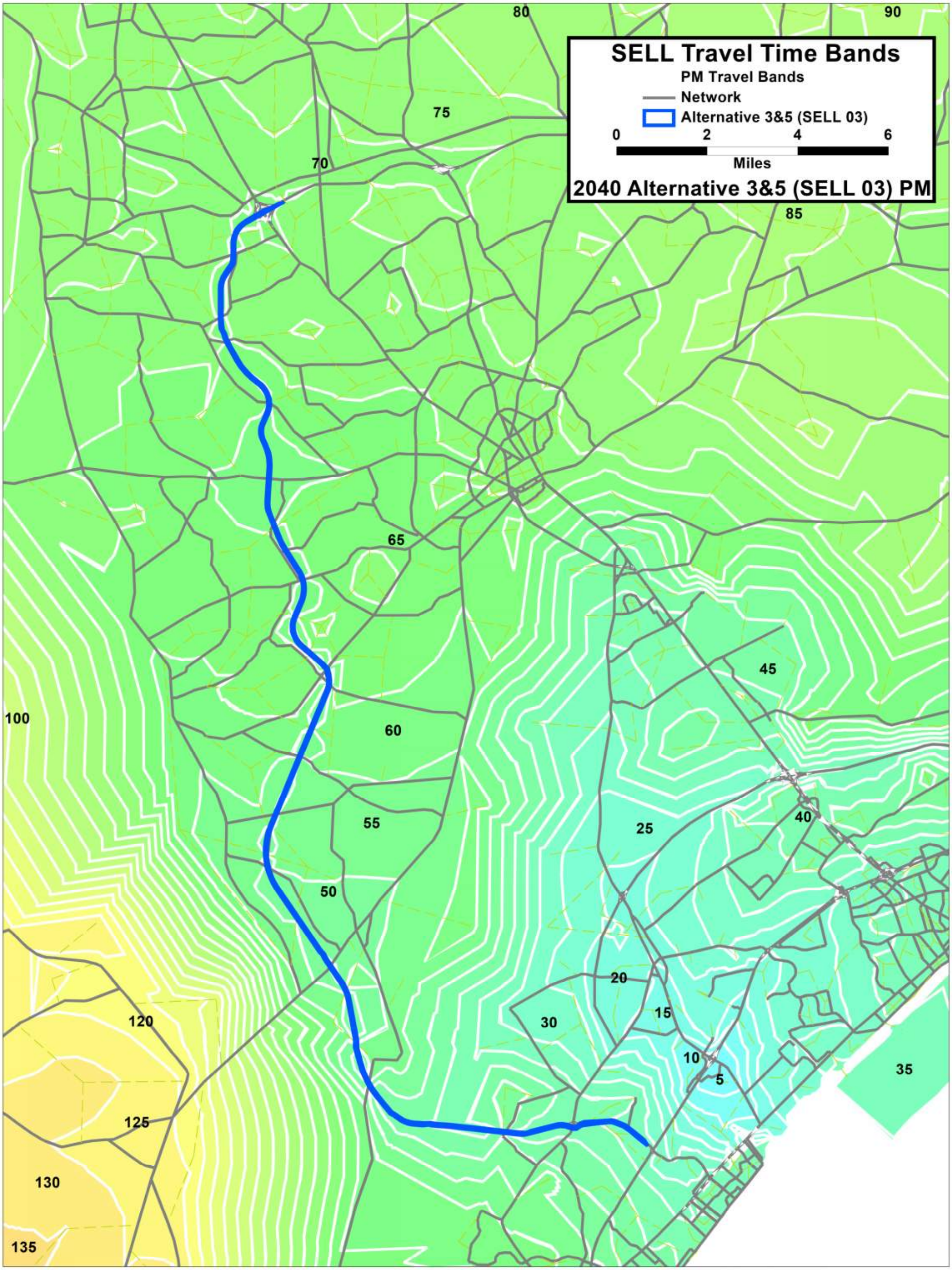

SELL Travel Time Bands
PM Travel Bands
Network
Alternative 02 (SELL 02)
0
2
4
6
Miles
2040 Alternative 2 (SELL 02) PM
85
90
75
80
70
65
50
40
100
105
60
25
55
20
15
30
120
115
10
5
35
125
45
130


SELL Travel Time Bands
PM Travel Bands
Network
Alternative 3&5 (SELL 03)
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2
4
6
Miles
2040 Alternative 3&5 (SELL 03) PM
80
90
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100
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25
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20
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30
10
5
35
120
125
130
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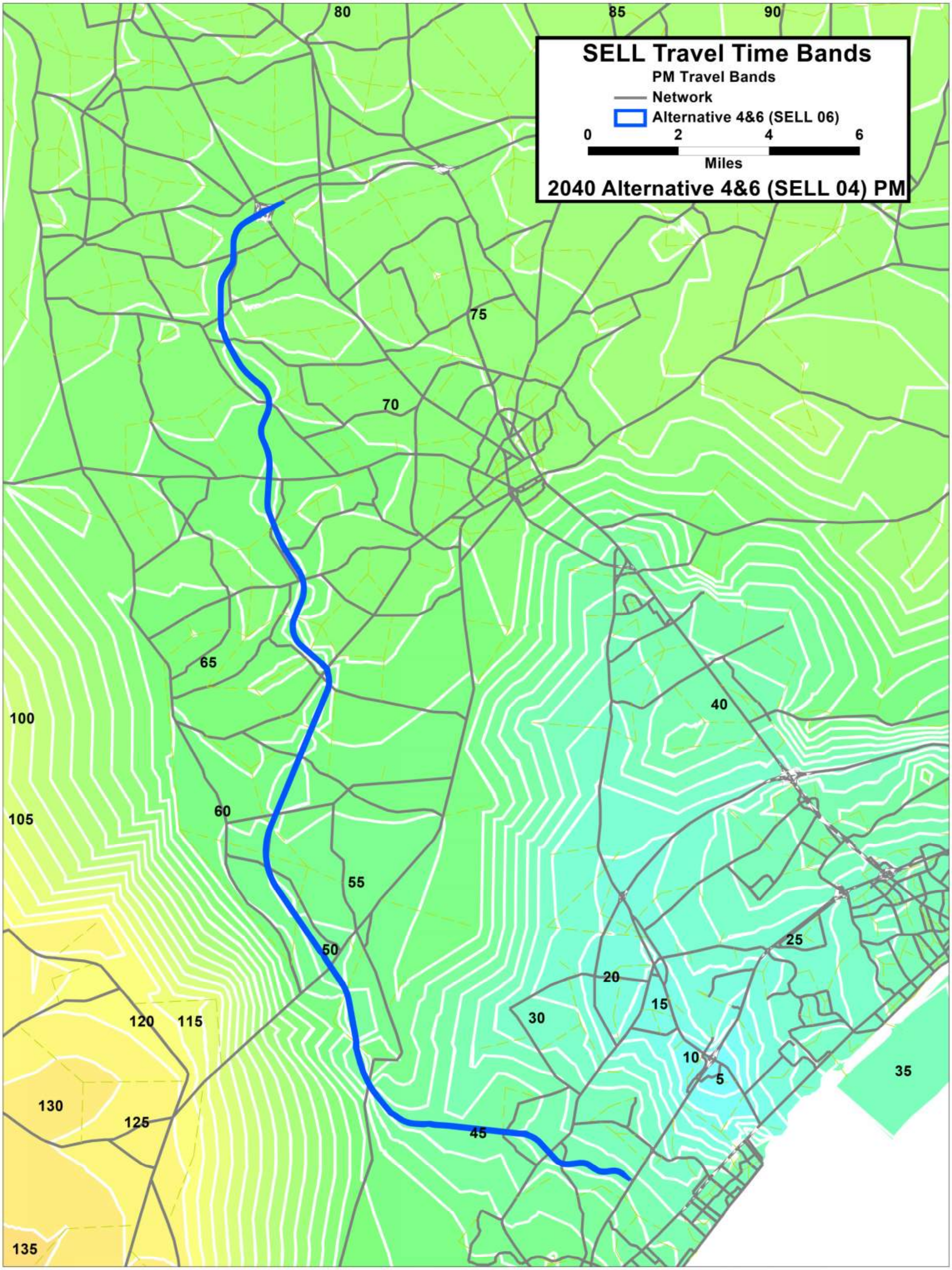
SELL Travel Time Bands
PM Travel Bands
Network
Alternative 4&6 (SELL 06)
0
2
4
6
Miles
2040 Alternative 4&6 (SELL 04) PM
80
85
90
75
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20
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5
35
45
120
115
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125
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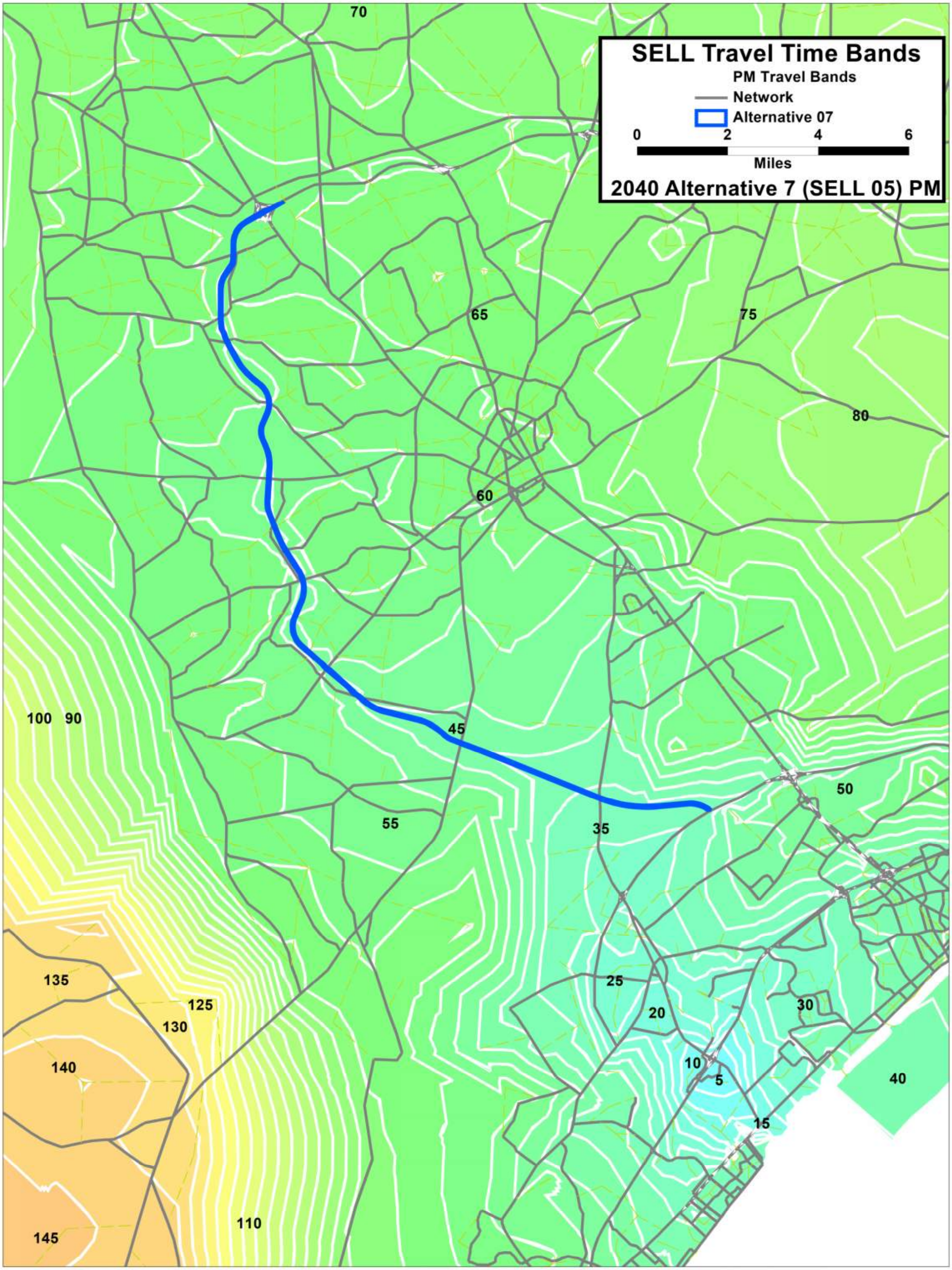
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PM Travel Bands
Network
Alternative 07
0
2
4
6
Miles
2040 Alternative 7 (SELL 05) PM
70
65
75
80
60
100
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125
130
25
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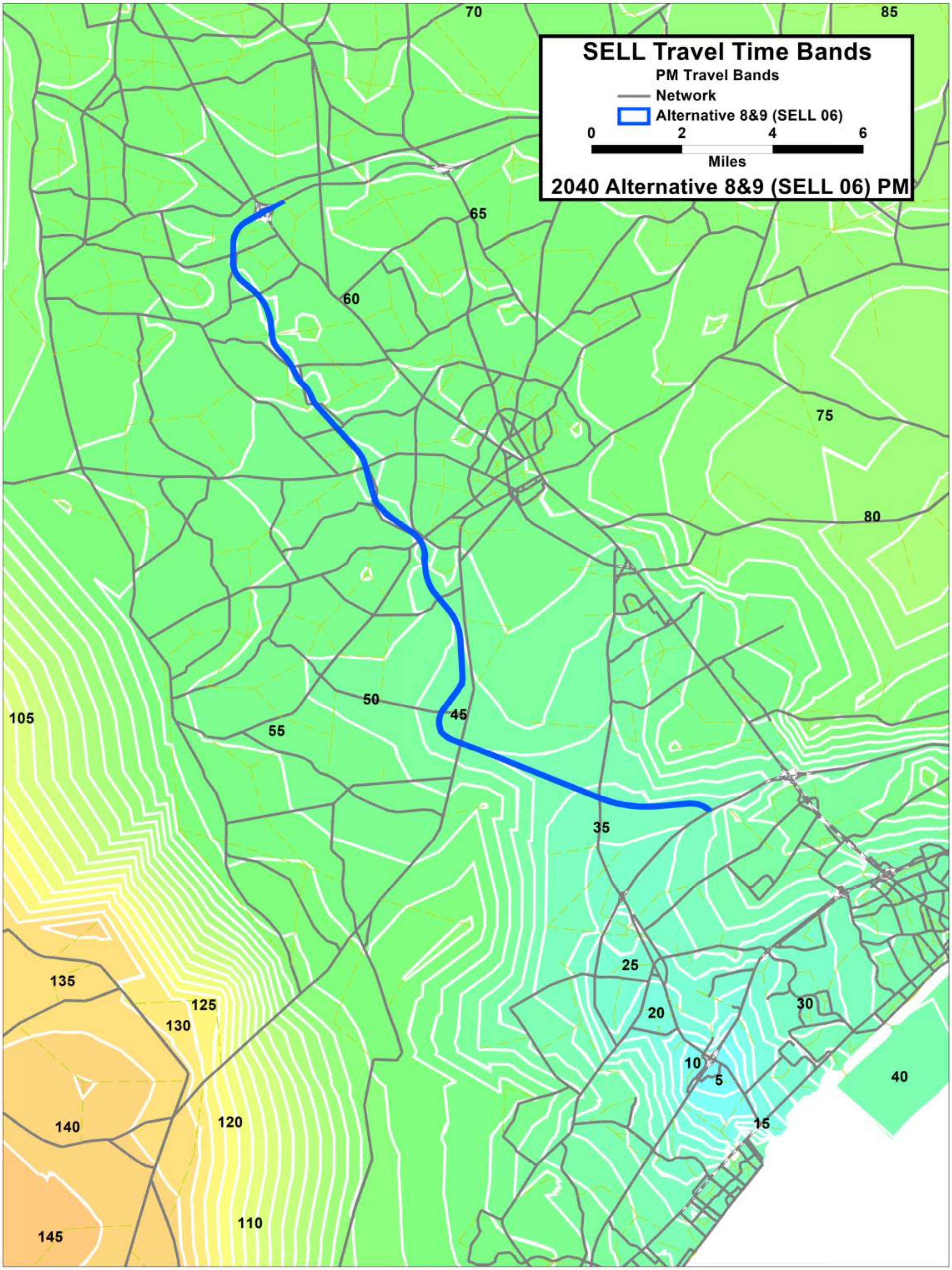
30
140
10
5
40
15
110
145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PM Travel Bands
Network
Alternative 8&9 (SELL 06)
0
2
4
6
Miles
2040 Alternative 8&9 (SELL 06) PM
70
85
65
60
75
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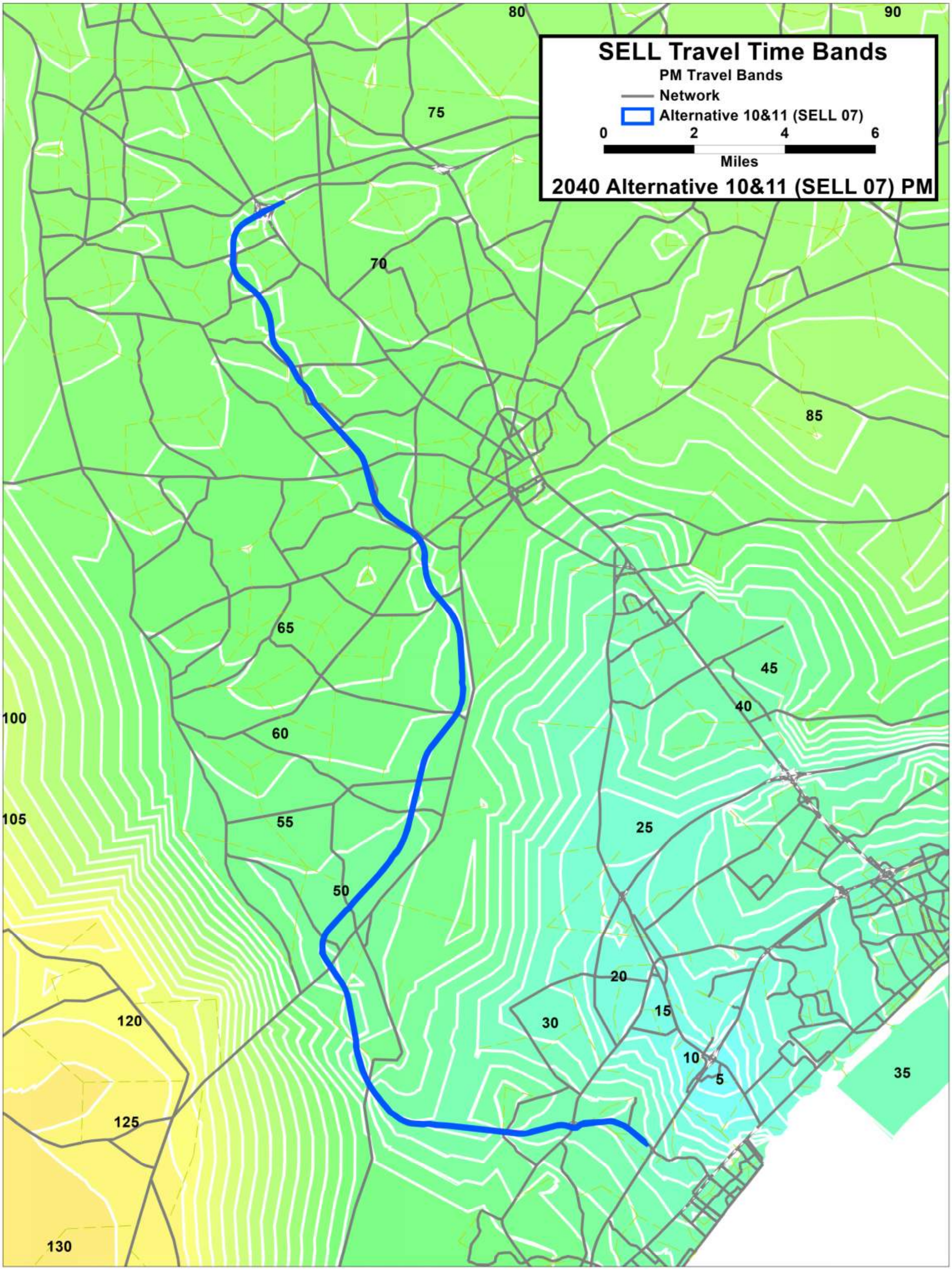
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PM Travel Bands
Network
Alternative 10&11 (SELL 07)
0
2
4
6
Miles
2040 Alternative 10&11 (SELL 07) PM
80
90
75
70
85
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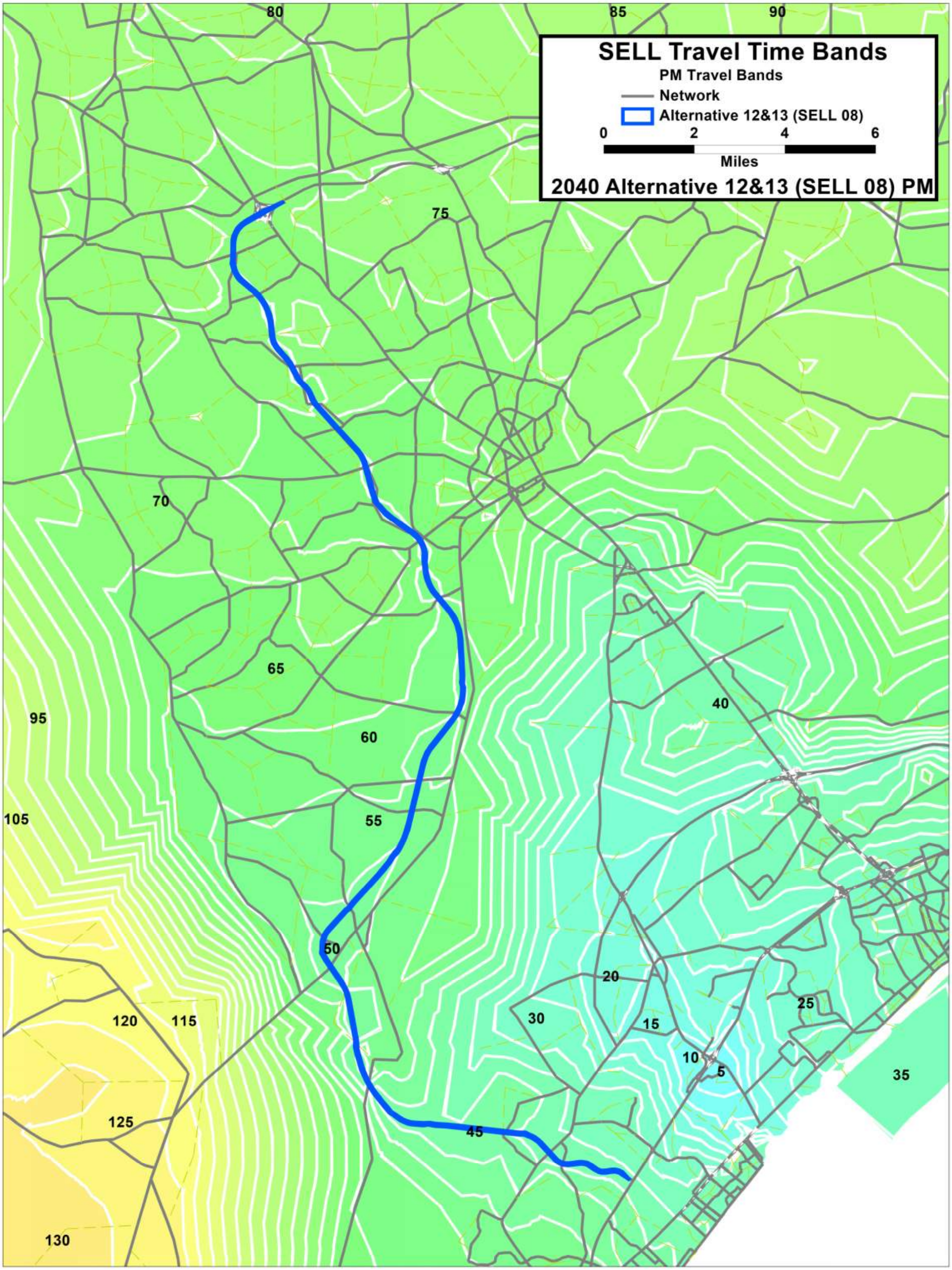

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PM Travel Bands
Network
Alternative 12&13 (SELL 08)
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2
4
6
Miles
2040 Alternative 12&13 (SELL 08) PM
80
85
90
75
70
65
60
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30
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5
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105
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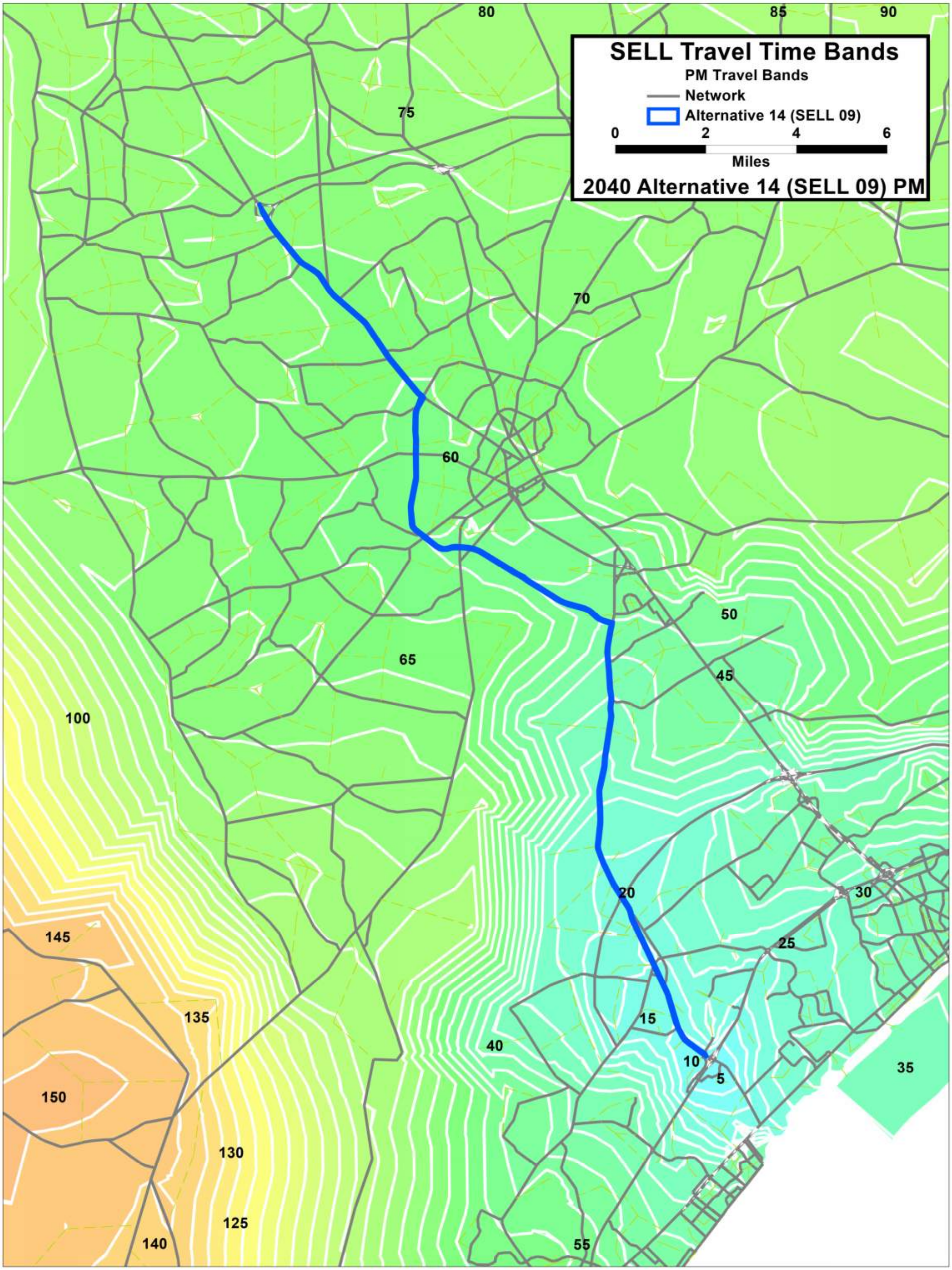
120
125
130



SELL Travel Time Bands
PM Travel Bands
Network
Alternative 14 (SELL 09)
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2
4
6
Miles
2040 Alternative 14 (SELL 09) PM
80
85
90
75
70
60
50
45
65
100
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30
25
145
135
15
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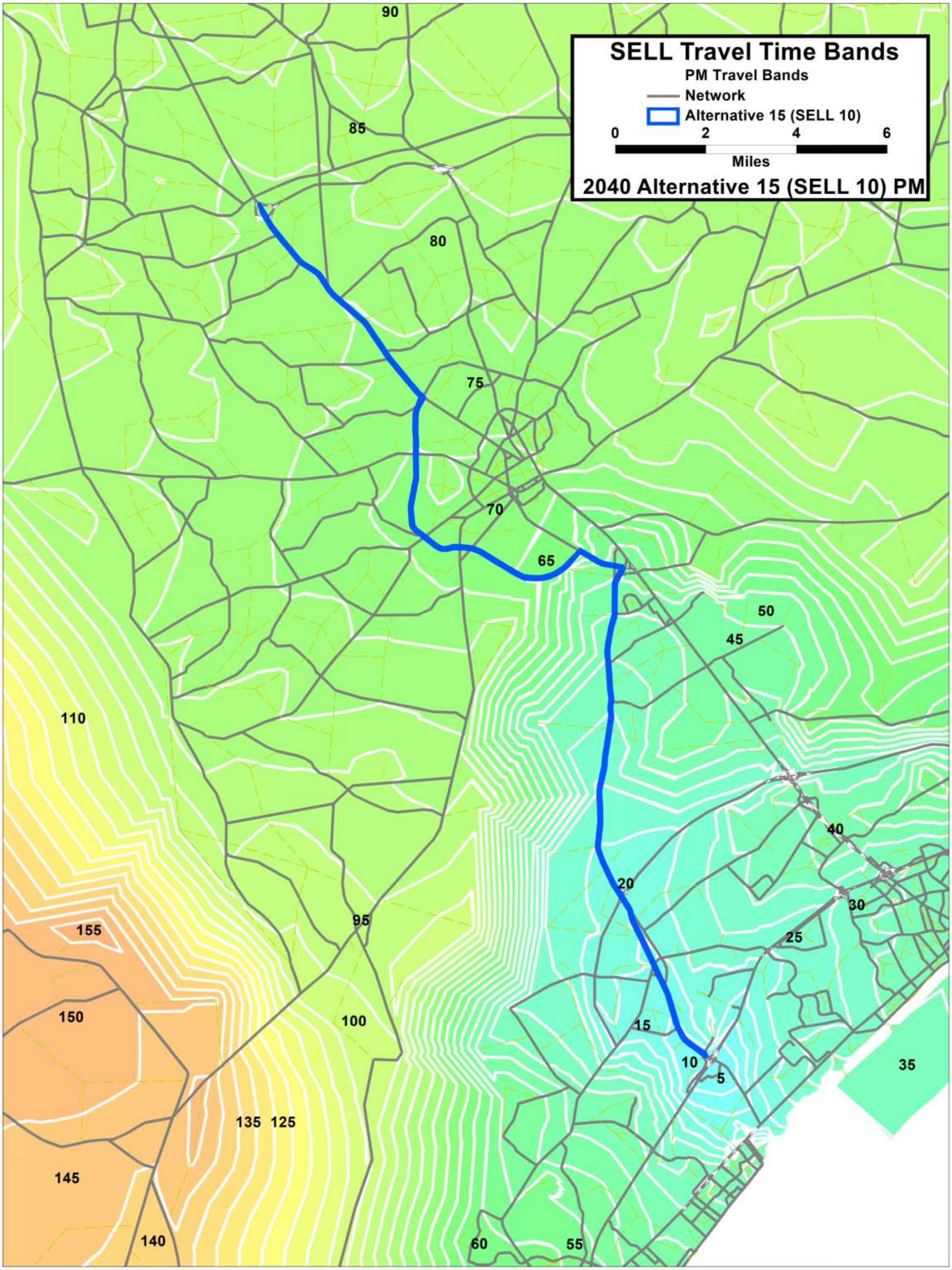
10
5
35
150
130
125
140
55


SELL Travel Time Bands
PM Travel Bands
Network
Alternative 15 (SELL 10)
0
2
4
6
Miles
2040 Alternative 15 (SELL 10) PM
90
85
80
75
70
65
50
45
40
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20
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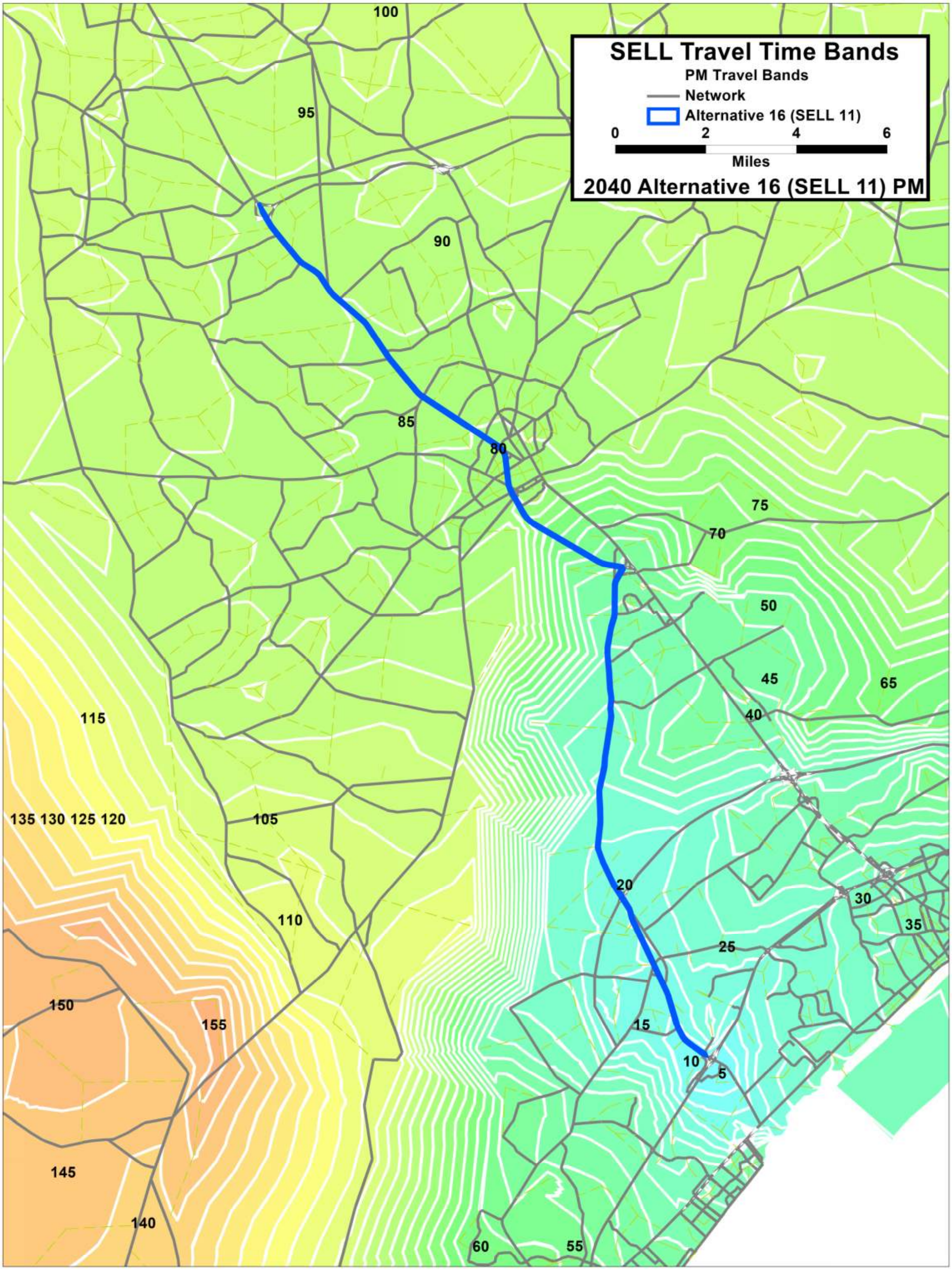
110
155
150
145
140
135
125
100
95
60
55


SELL Travel Time Bands
PM Travel Bands
Network
Alternative 16 (SELL 11)
0
2
4
6
Miles
2040 Alternative 16 (SELL 11) PM
100
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90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
105
110
115
135 130 125 120
140
145
150
155

APPENDIX B

Traffic Analysis Report

SELL Alternatives Concept Traffic Analysis Report

Analysis of Proposed Conceptual SELL Alternatives

Horry and Georgetown Counties, South Carolina

February 2023 (Draft 01)

Prepared for
South Carolina Department of Transportation

Prepared by

STV 100 Years

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Executive Summary

This report summarizes a series of analyses performed for sixteen SELL alternatives.

Thirteen of the SELL alternatives (Alternatives 1 – 13) are alternatives on new alignments between the US 501/SC 22 interchange and termini on either US 17 or SC 31.

Three of the SELL alternatives (Alternatives 14 – 16) make extensive use of widened existing routes, including SC 544, US 501, and the Conway Perimeter. Two of these alternatives (Alternatives 14 and 15) include portions that are located on new alignment, while one alternative (Alternative 16) has no new alignment sections.

The analyses were based on traffic volumes derived from forecast turning movements from the 2040 GSATS travel demand model. It should be noted that as continuing development and refinement of the project alternatives proceeds, actual traffic data will be necessary to validate the volumes derived from the travel demand model forecasts.

Analyses were performed to evaluate the operation of the freeway segments, merge/diverge areas, and weaving sections of the new alignment alternatives (Alternatives 1 - 13). The results of the analyses indicated the elements all operated at LOS C or better, with the exception of the SC 544 northbound merge area in the PM design hour in Alternative 7, which operated at LOS D.

Service interchange concepts for the new alignment alternatives (Alternatives 1 - 13) and their associated interchange arterial roadways were evaluated. The method of analysis used provided expected operational levels of service where traffic control was present. Levels of service could not be obtained for directional ramps without traffic control.

The service interchanges evaluated for the new alignment alternatives (Alternatives 1 – 13) consisted of interchanges at

- SC 707 (Alternatives 1 – 6 and Alternatives 10 – 13)
- US 701 (Alternatives 1 – 13)
- US 378 (Alternatives 1 - 13)
- that consisted of all directional ramps

Stop sign traffic control was assumed at service interchange intersections where traffic control was required. All the service interchange ramp intersections with stop sign control are expected to operate at LOS D or better with the exception of the southbound off-ramp to the US 378 interchanges. Traffic signal control at this intersection may be required to improve the expected operational level of service.

Service interchanges consisting entirely of directional ramps in Alternatives 1 – 13 could not be analyzed without using complex microsimulation software that was outside the scope of the alternative concept development. These interchanges included:

- US 17 at the terminus of Alternatives 2, 4, 6, 12, and 13.
- SC 31 at the terminus of Alternatives 7, 8 and 9
- SC 544 in Alternatives 7, 8, and 9
- US 501/SC 22/SELL in Alternatives 1 to 13.

In the three alternatives making extensive use of existing roadway facilities (Alternatives 14 – 16), analyses were not performed for major intersections along the proposed widened roadways due to an absence of existing intersection turning movement volume data. The analyses performed was limited to assisting in the development of ramp concepts as follows:

- The proposed flyover ramp from northbound SC 544 to new alignment Segment O in Alternative 14
- The proposed flyover ramp from westbound US 501 to new alignment Segment M in Alternative 15
- The proposed ramp from eastbound US 501 to southbound SC 544 Overpass in Alternatives 15 and 16.

1 Introduction

STV, in cooperation with CECS, has been contracted by the South Carolina Department of Transportation (SCDOT) to analyze the Southern Evacuation Lifeline (SELL) alternative concepts. This analysis is based on roadway alternative concepts and estimated 2040 build traffic volumes developed as part of the travel demand modeling effort summarized in the *Travel Demand Modeling Technical Report* prepared by STV in May 2022. The *Travel Demand Modeling Technical Report* has an extensive overview of the study area, projected growth, and information on the development of Alternatives and their volumes. The report summarized the preparation of traffic forecasts using the 2040 Grand Strand Area Transportation Study (GSATS) travel demand model. Those traffic forecasts have been further developed to provide estimated morning and afternoon design hour volumes (DHV). The DHV are estimated peak hour volumes derived from the GSATS model traffic forecasts of peak period volumes using observed percentages of peak hour volumes within comparable peak periods based on SCDOT count station data. The DHV were developed for use in planning-level analyses for the arterials, freeway segments, merge and diverge areas for on- and off-ramps, and weaving sections as outlined in this report. The number of lanes for the various alternatives were developed based on these DHV and volume-capacity ratios reported by the GSATS model.

Preliminary alternative analyses were performed using methodologies and techniques derived from the Highway Capacity Manual (HCM) 6th Edition as incorporated into McTrans' HCS7 (HCS), Build 7.8.5, to evaluate the alternatives for the proposed Southern Evacuation Lifeline (SELL) project. An initial generalized set of HCS runs for freeway segments, merge and diverge areas, and weaving segments for the 13 new alignment alternatives with new roadway alignment (Alternatives 1 through 13) were done in June 2022. Since then, revised conceptual designs for the 13 new alignment alternatives were developed. The revised designs incorporated refinements to more generalized assumptions, such as acceleration and deceleration lane lengths and types of tapers, resulting in this final analysis.

The new alignment alternatives begin at an expanded interchange at US 501 and SC 22 (Conway Bypass) with the southern end located either along US 17 near Surfside Beach or along SC 31 (Carolina Bays Parkway) at a point between SC 544 and US 501.

Three other alternatives make use of expanded existing roadways. The northern end of these alternatives begins on US 501 at the SC 22 interchange with the southern end of these alternatives located on SC 544 at US 17 Bypass. These alternatives include portions of US 501 and/or portions of the Conway Perimeter Road. Two of the alternatives incorporate short sections of new alignment connections between existing roadways. These three arterial alternatives do not incorporate new freeway sections or interchange concepts. Since the primary purpose of the analysis is to evaluate new alignment freeway sections and interchange alternatives, the detailed microsimulation analyses that would be needed at the a-grade intersections along these existing arterials are not included in this report.

This Alternatives Concept Analysis Report will:

- Discuss the development of the DHV from the GSATS model forecasts.
- Describe the interchange configurations for each of the new alignment SELL alternatives.
- Depict the DHV 'turn movement' forecasts for each new alignment alternative.
- Summarize HCS capacity analysis results for the individual new alignment SELL alternatives.

- Summarize the analysis of interchange arterial ramp termini intersections.
- Describe the interchange configuration and expected operation for the alternatives incorporating existing roadways.

1.1 SELL Study Area

As noted in the *Travel Demand Modeling Technical Report*, the SELL project area is a subset of the current GSATS travel demand model, which was released for use in late 2016 in support of the 2040 Metropolitan Transportation Plan. The model incorporates all of Georgetown and Horry counties in South Carolina and portions of Brunswick County in North Carolina. The study area for the SELL project is a portion of the overall GSATS model and is generally located in southwest Horry County in an area bounded by the Georgetown County line, US 17, SC 544, and US 501. The northern terminus of the SELL project is the existing interchange of US 501 and the Conway Bypass (SC 22).

The SELL study area in the context of the GSATS region is shown in **Figure 1.1**.

A review of the sixteen alternative concepts indicated that there were alternatives which were largely identical except for one or several segments that were not likely to impact the capacity analysis. In these cases, one alternative was selected to represent the two similar alternatives. A further review of the conceptual new alignment alternatives prior to the analysis indicated the interchange configurations, acceleration and deceleration lane lengths and tapers in the similar alternatives were identical. This essentially reduced the total number of alignment alternatives analyzed from 16 total conceptual alternatives to the following 11 SELL alternatives:

- Alternative 1 -> SELL 01
- Alternative 2 -> SELL 02
- Alternative 3 & Alternative 5 -> SELL 03
- Alternative 4 & Alternative 6 -> SELL 04
- Alternative 7 -> SELL 05
- Alternative 8 & Alternative 9 -> SELL 06
- Alternative 10 & Alternative 11 -> SELL 07
- Alternative 12 & Alternative 13 -> SELL 08
- Alternative 14 -> SELL 09
- Alternative 15 -> SELL 10
- Alternative 16 -> SELL 11

As shown above, Alternatives 1 – 13, which are the new alignment alternatives, can be combined into eight alternatives. The remaining three alternatives, Alternatives 14 – 16 are the alternatives primarily making use of existing arterial roadways instead of new freeway alignments.

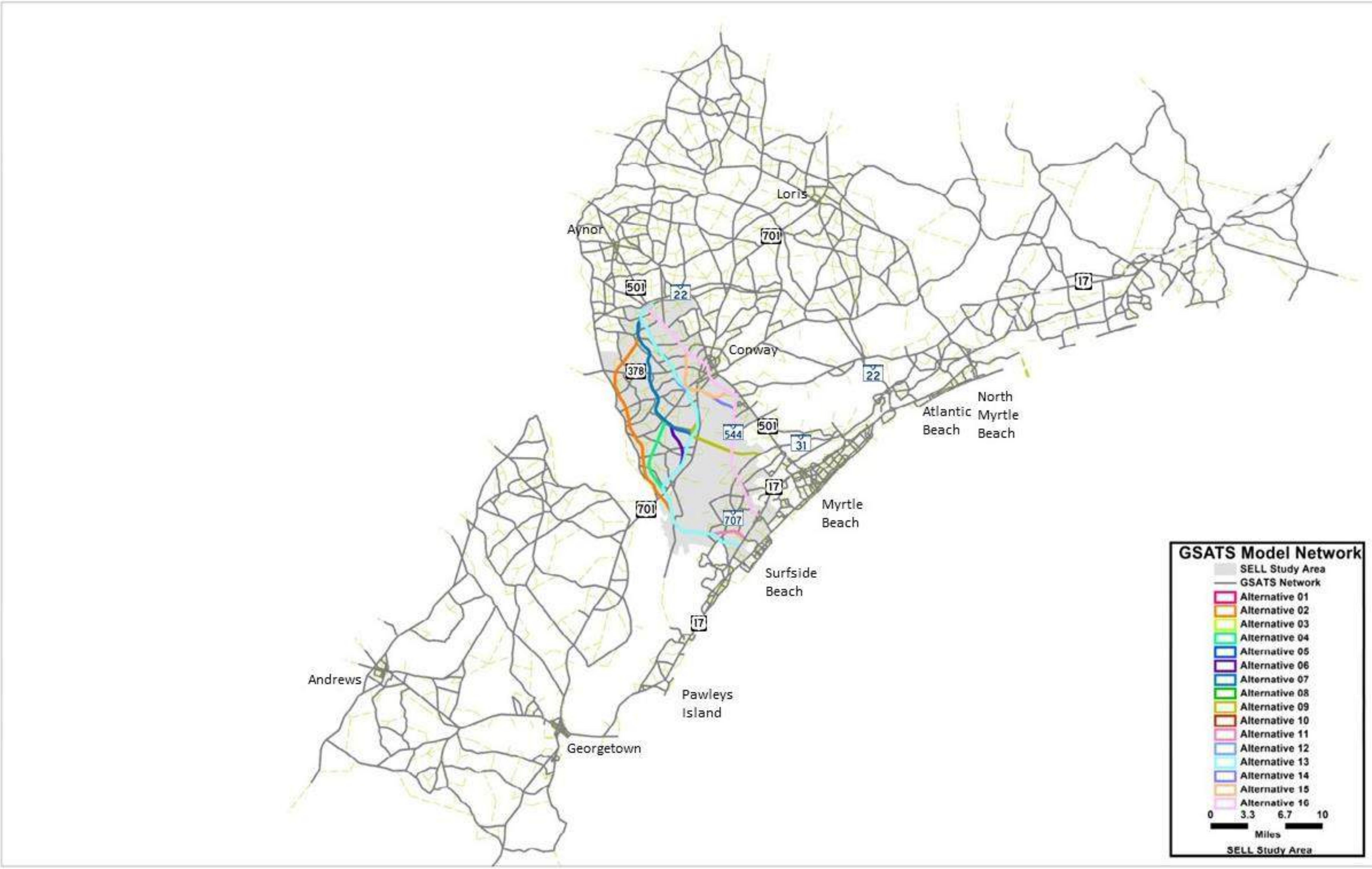


Figure 1.1 - SELL Study Area within GSATS Region

2 Development of DHV

The Travel Demand Modeling effort summarized in the *Travel Demand Modeling Technical Report* produced a range of output files for each alternative run, including daily and peak period traffic volumes and intersection flows. For the purposes of this analysis, which requires the use of hourly volumes, the peak period traffic volumes and intersection flows had to be converted to design hour flows along the mainline segments and at the proposed SELL interchange locations. While the accuracy of the intersection flow generated by travel demand models is limited, they can be useful in developing the preliminary size and configuration of proposed interchanges, as well as provide insight into the number of turn lanes that might be needed at ramp termini and at intersection locations.

The *GSATS Model Calibration Report* defines the morning peak period as occurring between 6:00 to 9:00 AM. The afternoon peak period is defined as occurring between 3:00 to 6:00 PM. The process of converting the morning and afternoon peak period volume forecasts obtained from the model runs to morning and afternoon peak hour design volumes was initiated by collecting and reviewing Continuous Count Station (CCS) Data obtained from SCDOT's traffic count station website https://scdottrafficdata.drakewell.com/publicmultinodemap.asp. The CCS data includes two-way volumes, directional volumes, and directional volume by lane. The volume data are provided in hourly increments for each day, with summaries provided for each day for various time periods. The AM and PM peak hours and volumes are also identified for each day. For each month, hourly volumes for workdays (non-weekends and holidays) are provided, as are weekly average volumes and the total monthly volume.

A review of the CCS locations within the SELL study area was performed to identify the most local available count stations to the new alignment SELL alternatives. Six CCS were identified. Two of these CCS were considered to be the most local available CCS and four were considered but not used. The two CCS used were:

- Station 0066 – SC 544 from the SC 544 Connector (W Cox Ferry Road) to S-814 (Hwy 814)
- Station 0104 – US 501 from SC 22 (Hwy 22) to S-165 (Cultra Road)

The four CCS locations considered that were not used are:

- Station 0105 – US 501 from S-651 (Bill Jones Road), L-651 to SC 22 (HWY 22)
- Station 0082 – SC 22 from US 501 (E Hwy 501) to SC 319 (Hwy 319)
- Station 0134 – US 378 from County Line – Marion to S-134 (Hwy 134)
- Station 0018 – US 501 from SC 544 (Hwy 544 Overpass) to SC 31 (Carolina Bays Parkway)

Station 0104 was considered to be just outside the northern end of the study area. Station 0082 is located on Conway Bypass away from the study area. Station 0134 has low AADT and as an east-west route would not represent the north-south SELL alternatives well. Station 0018 is closer to SC 31 than SC 544 to the southeast of the SELL project area in a much more urbanized area than the location of the new alignment SELL alternatives.

Data from CCS 0066 and 0104 were downloaded from the SCDOT count site. For Station 0104, data was downloaded covering the period from January 2021 through April 2022. For Station 0066, data was downloaded covering the period from January 2021 through January 2022 (data was not available at the time of downloading for February through April 2022).

The downloaded data was reviewed and summarized using the total and directional average daily workday volume and for each of the six peak period hours for each month of data. Using this data, K-factors (representing the percentage of the daily volume) and D-factors (representing the directional split). The resulting K- and D- factors are summarized in **Table 2.1**. It should be noted that the estimated peak period volume assignment from the GSATS model should already incorporate a directional split calculated by the model. The CCS directional split shown in **Table 2.1** was analyzed for use in adjusting, if necessary, the model's estimated directional split.

Table 2.1 - Calculated K- and D-Factors for CCS 066 and 104

Factors	Station 066	Station 104
AM Period K factor	**41.40%**	**38.10%**
PM Period K factor	**34.20%**	**34.10%**
AM EB/NB D factor	**57% (EB)**	**44% (NB)**
AM WB/SB D factor	**43% (WB)**	**56% (SB)**
PM EB/NB D factor	**50% (EB)**	**52% (NB)**
PM WB/SB D factor	**50% (WB)**	**48% (SB)**

Based on the CCS Data summarized in **Table 2.1**, for the purposes of the analysis, a K-factor of 0.40 was applied to the AM peak period volumes to estimate an AM DHV and a K-factor of 0.34 will be applied to the PM peak period volumes to estimate a PM DHV.

The CCS directional split data indicates that during the morning peak hour, 57 percent of existing traffic on SC 544 is oriented eastbound towards US 501, while 56 percent of the traffic on US 501 is oriented to the south. In the afternoon peak hour, traffic on SC 544 is evenly split in each direction, while there is a slight northbound directional flow (52 percent) on US 501.

Summaries of the calculations of the K- and D-factors for CCS 0066 and 0104 are contained in **Appendix A.**

3 Alternatives Analyzed

Roadway Alternatives 1 through 13 (GSATS SELL Alternatives 1 through 8) are all new alignments. Roadway Alternatives 14 and 15 (GSATS SELL Alternatives 9 and 10) are a combination of the new alignments and the existing routes. Roadway Alternative 16 (GSATS SELL Alternative 11) is entirely on existing routes.

The following sections describe the new alignment Alternatives and their interchanges.

All new alignment alternatives end at the Conway Bypass (SC 22) and US 501 interchange. The modifications to that interchange are common in each of the new alignment alternatives. These are:

- A ramp from southbound US 501 to both directions of SELL and SC 22. This ramp will widen to two lanes before separating to westbound/southbound SELL and to the flyover to eastbound SC 22.
- A ramp from northbound/eastbound SELL to northbound US 501. This ramp will join the flyover ramp from southbound US 501 to eastbound SC 22 to create a two-lane section prior to separating to the proposed flyover ramp to US 501 and the existing ramp to eastbound SC 22.
- A ramp from northbound/eastbound SELL to southbound US 501. This ramp will be a lane drop, reducing the SELL alignment from three lanes to two lanes before it continues east as SC 22.

- A loop ramp from northbound US 501 to westbound/southbound SELL. This ramp creates a weaving section between it and the existing loop ramp from westbound SC 22 to southbound US 501.

3.1 Alternative 1

Alternative 1 starts at Conway Bypass and US 501 interchange and runs in the southwest direction until intersecting US 378 one mile east of Pee Dee Highway (S-26-24). The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378. Alternative 1 continues in the southeast direction until intersecting US 701 1.5 miles west of Little Lamb Road (S-26-48). The interchange at US 701 is a partial cloverleaf interchange with a loop on-ramp in the northwest quadrant connecting westbound US 701 to southbound SELL, and a loop on-ramp in the southeast quadrant connecting eastbound US 701 to northbound SELL. Alternative 1 continues in the southeast direction until intersecting SC 707 0.6 miles south of Bay Road (S-26-926). At SC 707, a Single Point Urban Interchange (SPUI) is proposed. Alternative 1 proceeds east along the alignment of Holmestown Road until it terminates at the existing grade-separated intersection of US 17 and Glenns Bay Road. The total length of Alternative 1 is 29.3 miles.

Alternative 1 is shown in **Figure 3.1**.

3.2 Alternative 2

Alternative 2 follows the same alignment as Alternative 1 from the Conway Bypass/US 501 interchange until approximately 0.8 miles west of SC 707. At that point, the Alternative 2 alignment continues along a more southern route than Alternative 1. The interchange of Alternative 2 with SC 707 is a proposed Single Point Urban Interchange (SPUI) that is located approximately 4,400 feet south of Holmestown Road. The interchanges along Alternative 2 at US 378 and US 701 are the same as proposed for Alternative 1. The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378 and the interchange at US 701 is a partial cloverleaf interchange with a loop on-ramp in the northwest quadrant connecting westbound US 701 to southbound SELL, and a loop on-ramp in the southeast quadrant connecting eastbound US 701 to northbound SELL. Alternative 2 terminates 0.7 miles southwest of the US 17 and Holmestown Road intersection at a directional interchange that incorporates a loop on-ramp from northbound US 17 to northbound SELL. The total length of Alternative 2 is 30.4 miles.

Alternative 2 is shown in **Figure 3.2**.

3.3 Alternative 3&5

The alignments for Alternative 3 and 5 are generally similar. They differ between Pauley Swamp Road and the US 701 interchange, where Alternative 3 follows an alignment generally parallel to, but to the west of, Alternative 5. For the purposes of the analysis, Alternatives 3 and 5 are essentially identical and 'Alternative 3&5' is used to indicate results for these two similar alternatives.

Alternative 3&5 is the same as Alternative 1 from US 501 to just north of where it crosses Pauley Swamp Road (S-26-109). From there, Alternative 3&5 runs generally parallel to the east of Alternative 1, intersecting US 378 approximately three miles east of the Alternative 1 interchange with US 378, approximately 1,500 feet west of

Figure 3.1 - SELL Conceptual Alternative 1

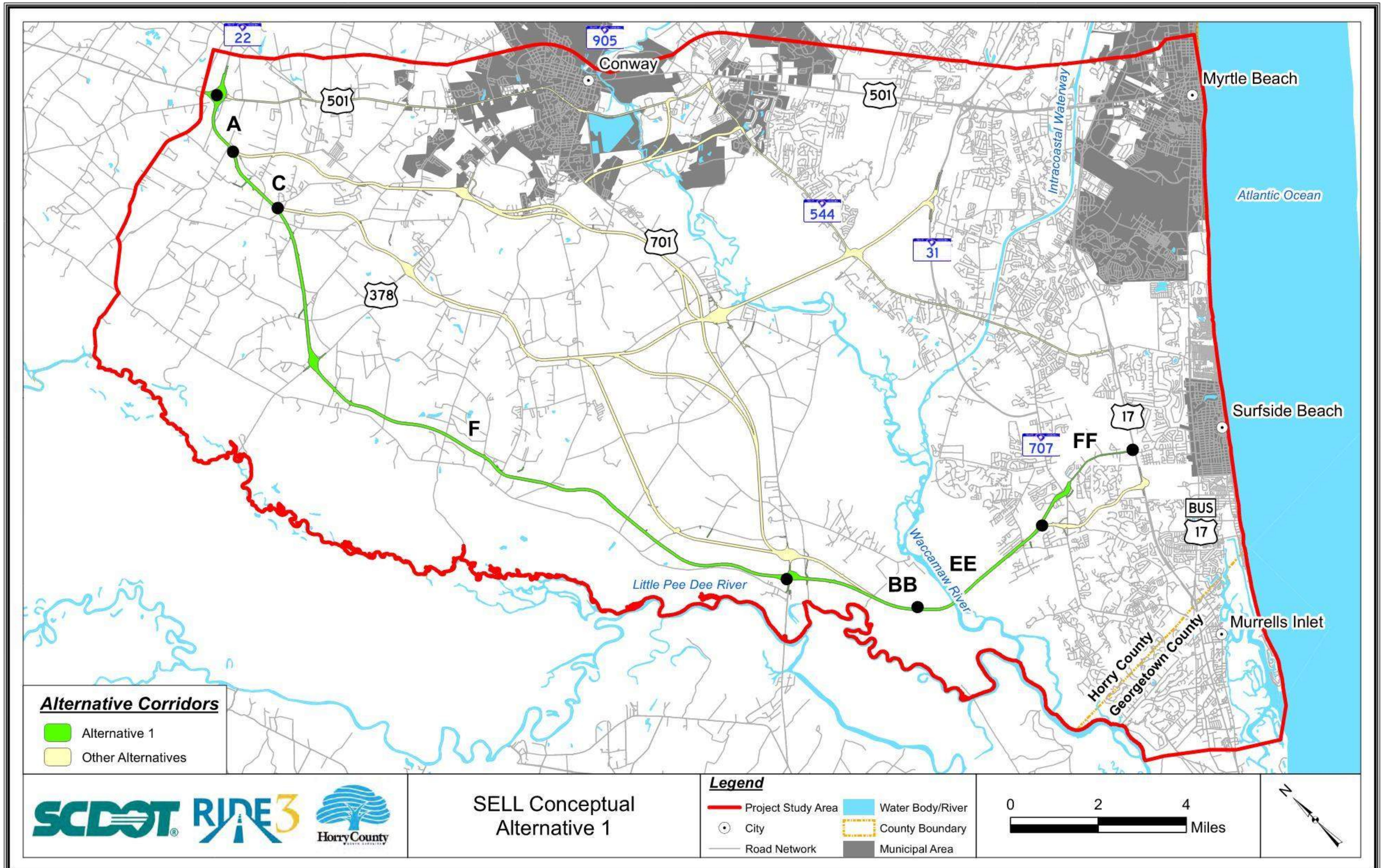
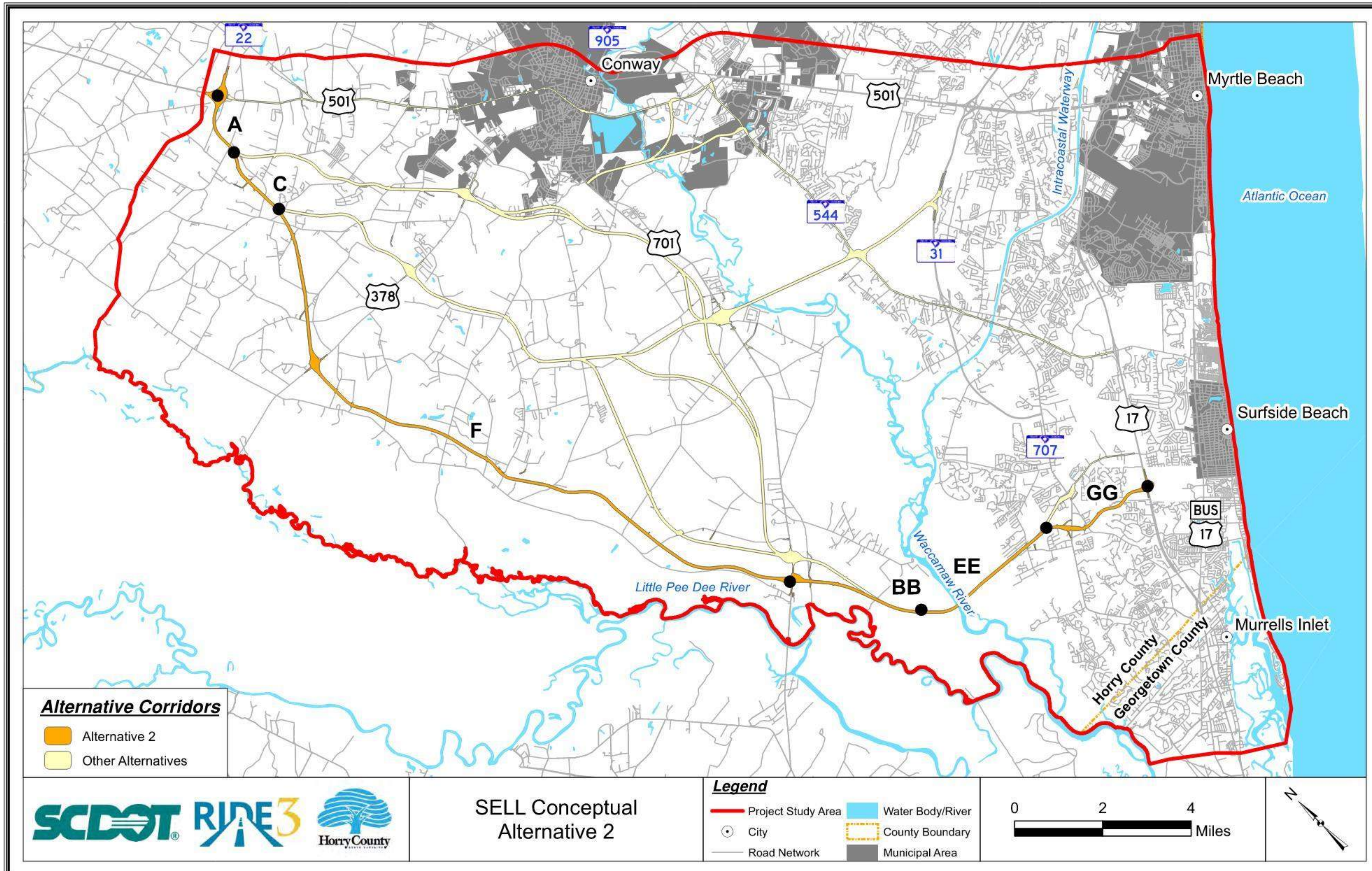


Figure 3.2 - SELL Conceptual Alternative 2



the intersection of US 378 and Highway 134. The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378. At this point Alternative 3&5 turns to the southwest and the alignments of Alternatives 3 and 5 separate at Pauley Swamp Road until they coincide again at US 701 about 0.5 miles northeast of where Alternative 1 is proposed to cross US 701. The interchange at US 701 is a partial cloverleaf interchange with a loop on-ramp in the northwest quadrant connecting westbound US 701 to southbound SELL, and a loop on-ramp in the southeast quadrant connecting eastbound US 701 to northbound SELL. Alternative 3&5 continues south for another 1.7 miles before the alignment follows the remainder of Alternative 1. At SC 707, a Single Point Urban Interchange (SPUI) is proposed. Similar to Alternative 1, Alternative 3&5 proceeds east along the alignment of Holmestown Road until it terminates at the existing grade-separated intersection of US 17 and Glenns Bay Road. Alternative 3&5 is 30.6 miles long. Alternative 3 is shown in **Figure 3.3** and Alternative 5 is shown in **Figure 3.4**.

3.4 Alternative 4&6

The alignments for Alternative 4 and 6 are identical to the alignments for Alternatives 3 and 5, until approximately 0.8 miles west of SC 707, where Alternative 4&6 follows the alignment of Alternative 2 to its southern terminus at US 17. For the purposes of the analysis, Alternatives 4 and 6 are essentially identical and 'Alternative 4&6' is used to indicate results for these two similar alternatives. The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378. The interchange at US 701 is a partial cloverleaf interchange with a loop on-ramp in the northwest quadrant connecting westbound US 701 to southbound SELL, and a loop on-ramp in the southeast quadrant connecting eastbound US 701 to northbound SELL. The interchange of Alternative 4&6 with SC 707 is a proposed Single Point Urban Interchange (SPUI) that is located approximately 4,400 feet south of Holmestown Road. Alternative 4&6 terminates 0.7 miles southwest of the US 17 and Holmestown Road intersection at a directional interchange that incorporates a loop on-ramp from northbound US 17 to northbound SELL. Alternative 4&6 is 30.1 miles long. Alternative 4 is shown in **Figure 3.5** and Alternative 6 is shown in **Figure 3.6**.

3.5 Alternative 7

Alternative 7 follows the alignment of Alternative 3&5 from the US 501/SC 22 interchange until about where it crosses Pauley Swamp Road. At this point, Alternative 7 proceeds southeast, crossing US 701 and SC 544 before it terminates with directional ramps at SC 31. The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378. The interchange at US 701 is a partial cloverleaf interchange with directional loop ramps located on the west side of US 701. In the northwest quadrant is a loop off-ramp connecting northbound SELL to southbound US 701. In the southwest quadrant is a loop on-ramp connecting southbound US 701 to southbound SELL. At SC 544, the proposed interchange is a partial cloverleaf/trumpet interchange with directional ramps. A flyover ramp connects northbound SC 544 to northbound SELL. Two loop off-ramps are also present at the SC 544 interchange. In the northwest quadrant, a loop off-ramp directs traffic from northbound SELL to southbound SC 544. In the southeast quadrant, a loop off-ramp carries traffic from southbound SELL to northbound SC 544. Alternative 7 is 22.8 miles long. Alternative 7 is shown in **Figure 3.7**.

Figure 3.3 - SELL Conceptual Alternative 3

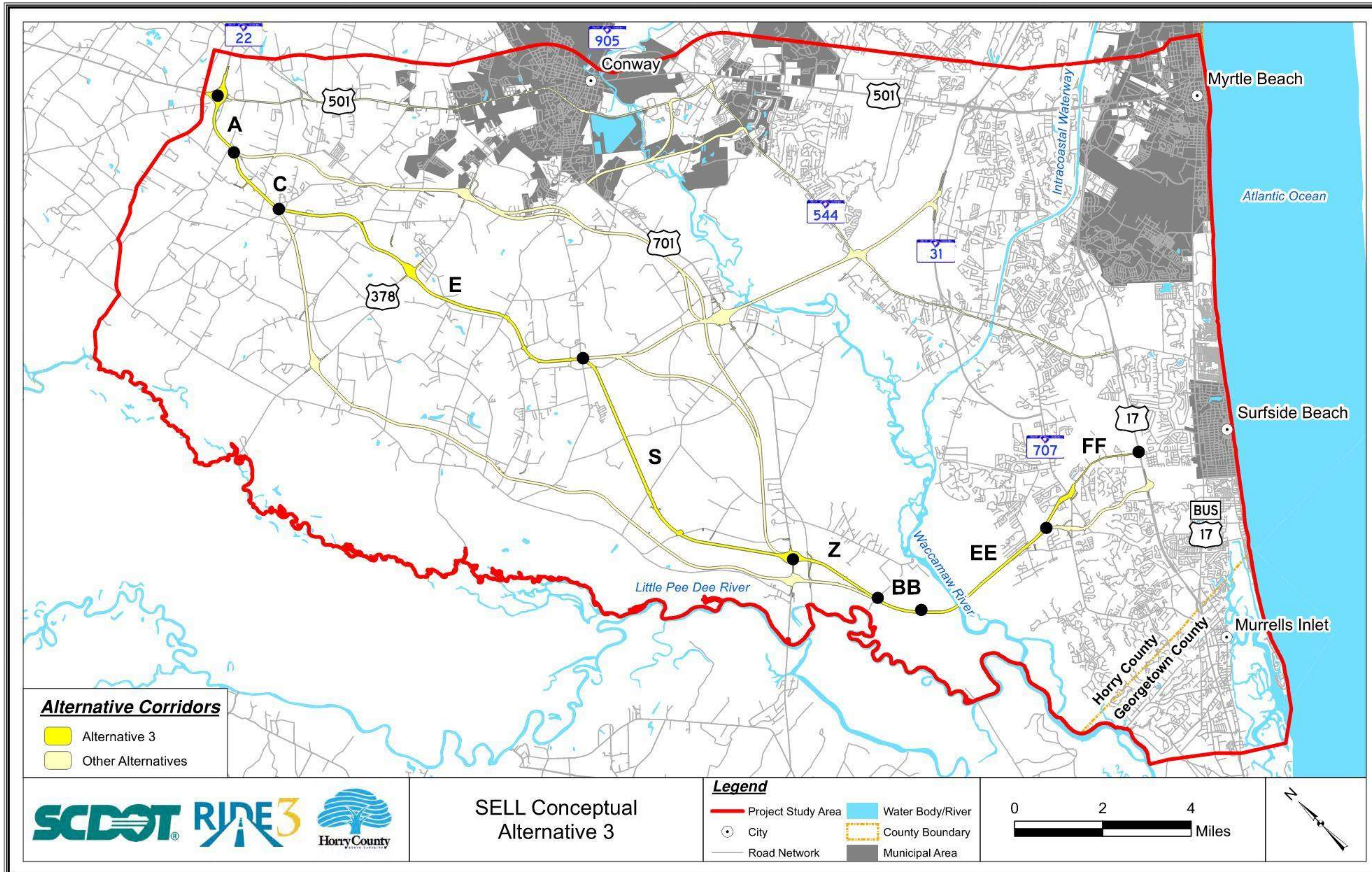


Figure 3.4 - SELL Conceptual Alternative 5

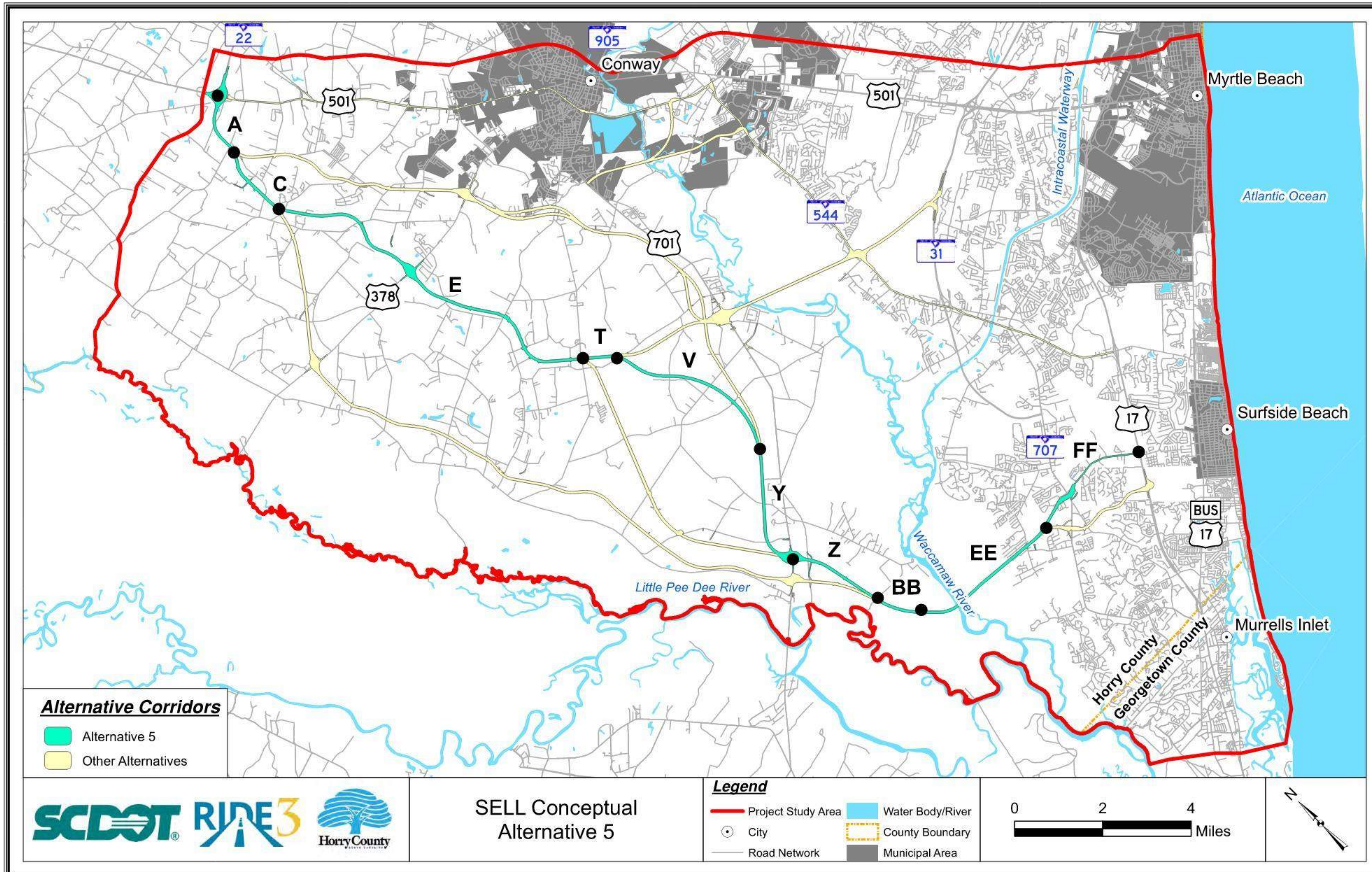


Figure 3.5 - SELL Conceptual Alternative 4

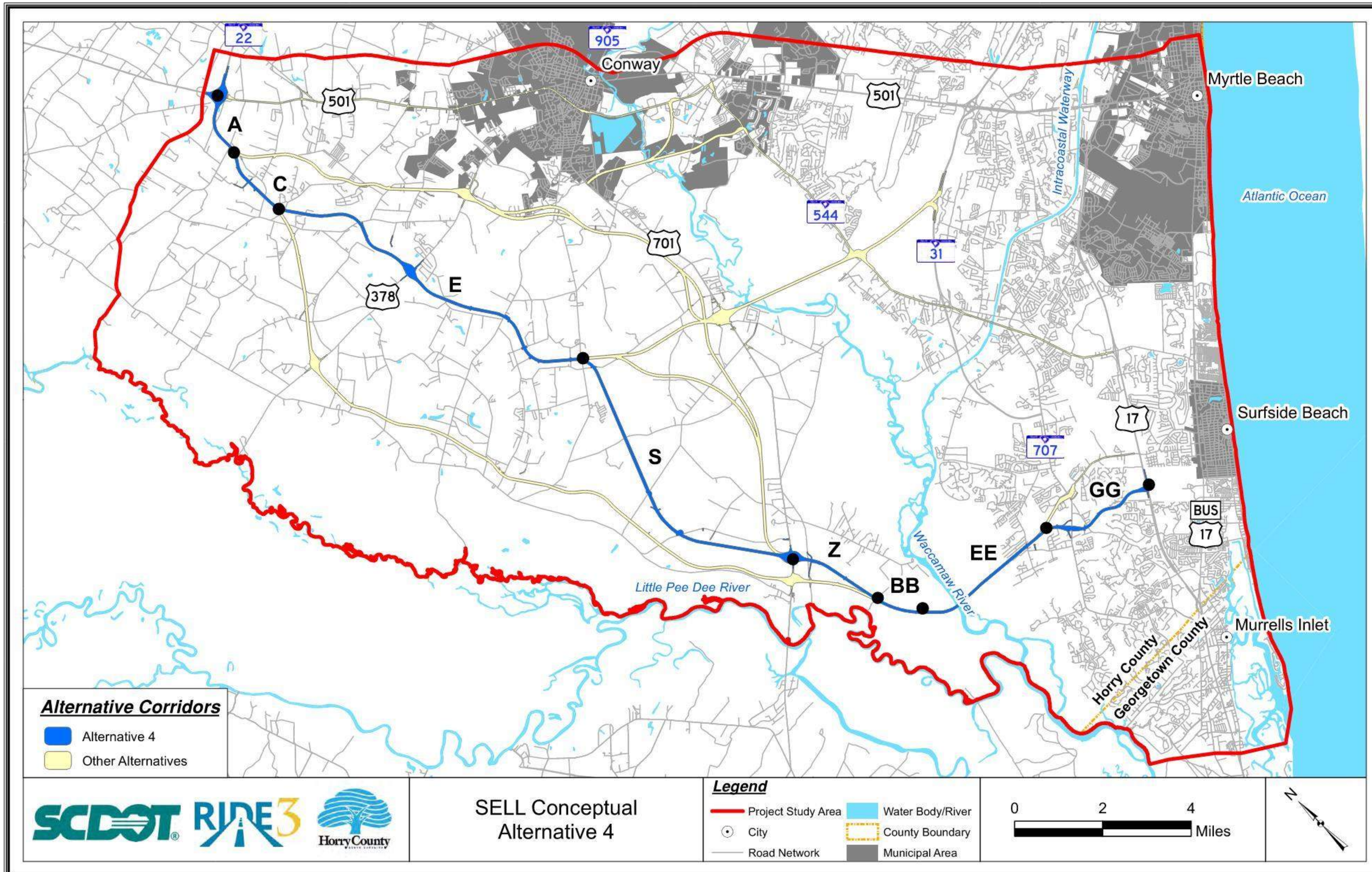


Figure 3.6 - SELL Conceptual Alternative 6

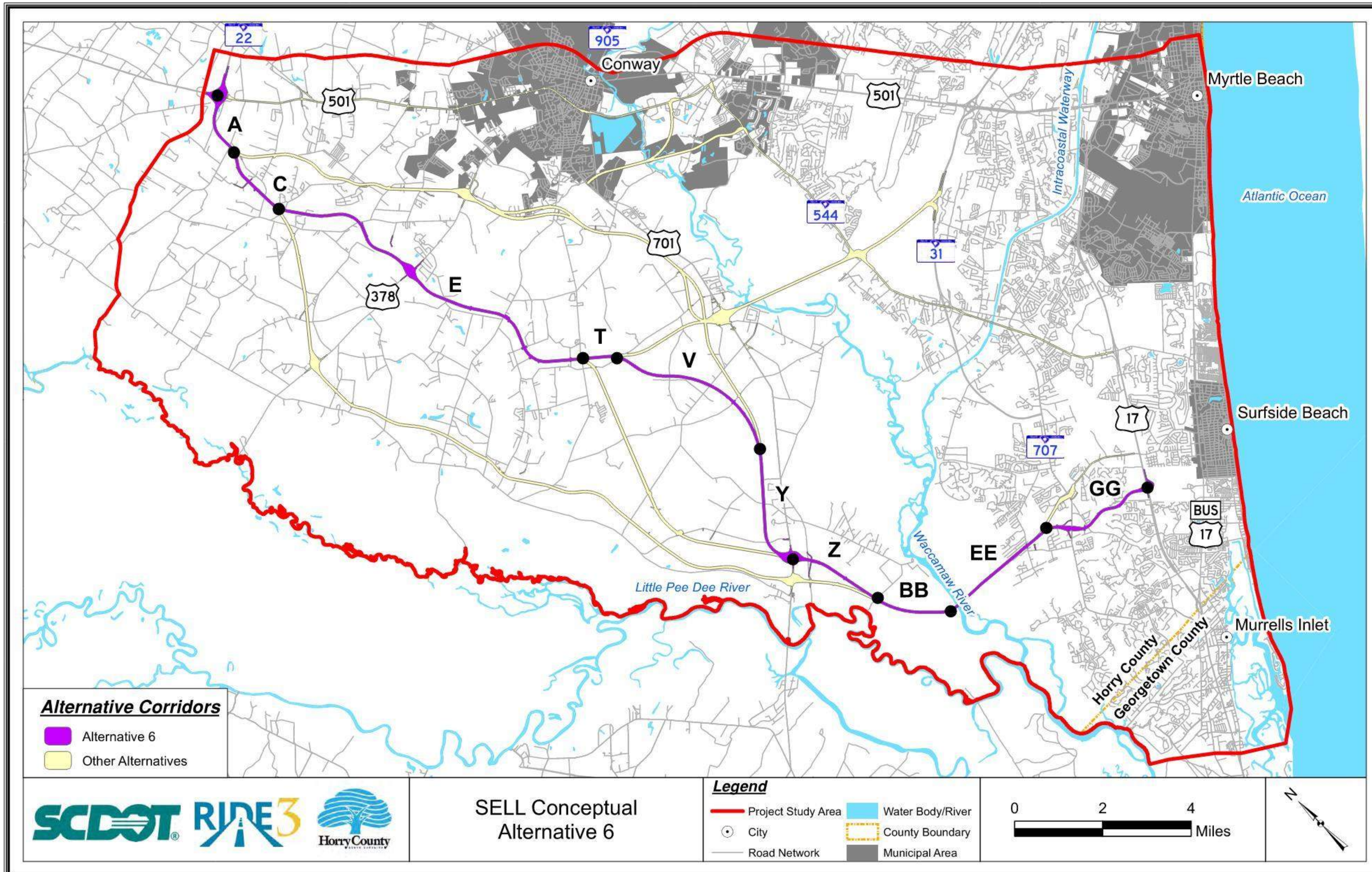
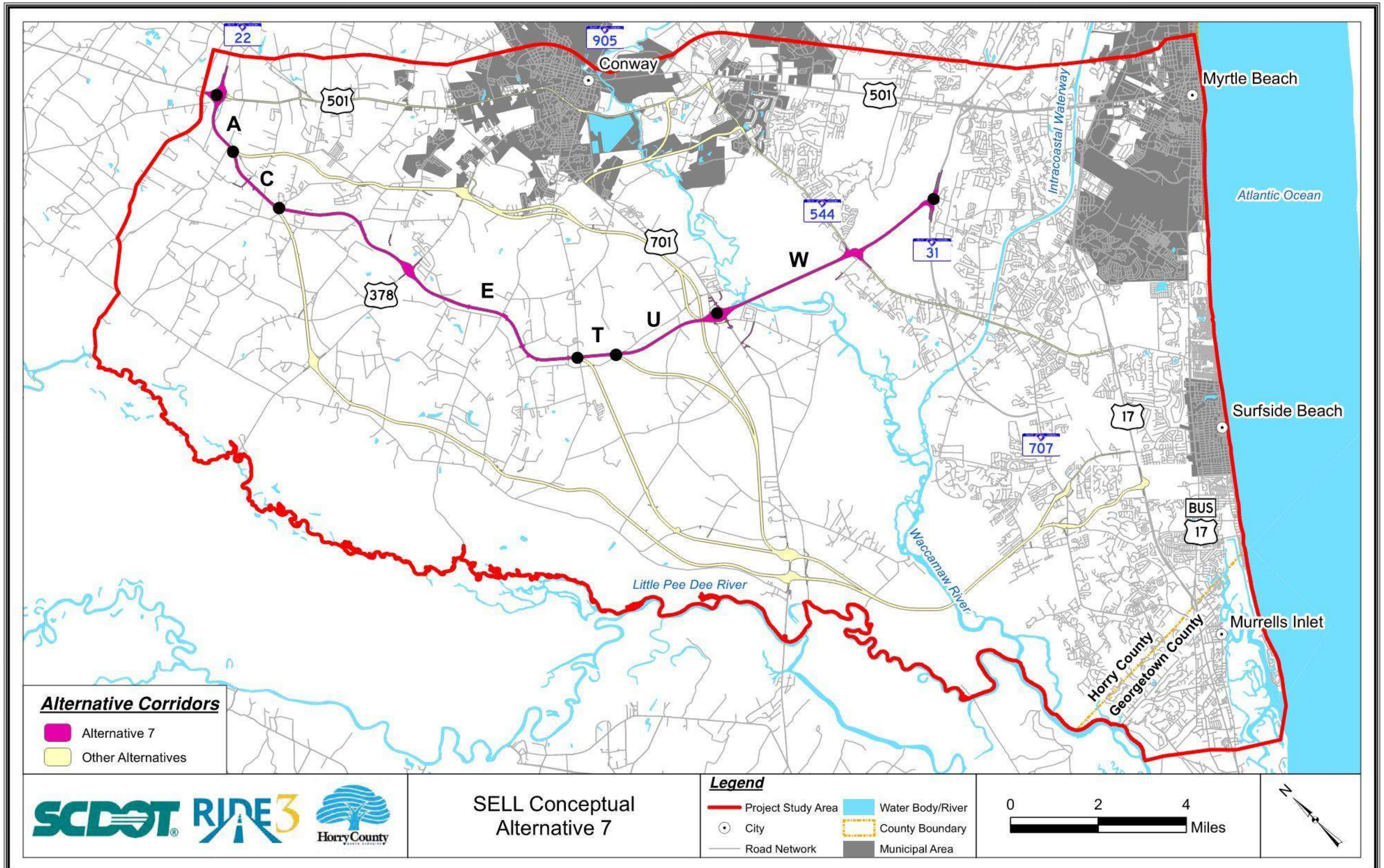


Figure 3.7 - SELL Conceptual Alternative 7



3.6 Alternative 8&9

The alignments for Alternative 8 and 9 are generally similar. They differ for a short distance beginning approximately where the alternatives cross Dirty Branch Road south of their US 378 interchange. Alternative 8 follows an alignment parallel to, but to the west of, Alternative 9. Alternative 8 and 9 again coincide on the same alignment approximately 2.1 miles south of the split, approximately at the location of the existing J and S Countryside Road. For the purposes of the analysis, Alternatives 8 and 9 are essentially identical and 'Alternative 8&9' is used to indicate results for these two similar alternatives.

The first 1.5 miles of Alternative 8&9 is the same as all prior alternatives beginning at the US 501 interchange. Just south of where it crosses Knotty Brand Road, Alternative 8&9 runs southeast then south, generally parallel to Alternative 7, until it generally overlaps the Alternative 7 alignment just west of US 701. Alternative 8&9 then coincides with the alignment of Alternative 7 to their shared terminus at SC 31. The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378. The interchange at US 701 is a partial cloverleaf interchange with directional loop ramps located on the west side of US 701. In the northwest quadrant is a loop off-ramp connecting northbound SELL to southbound US 701. In the southwest quadrant is a loop on-ramp connecting southbound US 701 to southbound SELL. At SC 544, the proposed interchange is a partial cloverleaf/trumpet interchange with directional ramps. A flyover ramp connects northbound SC 544 to northbound SELL. Two loop off-ramps are also present at the SC 544 interchange. In the northwest quadrant, a loop off-ramp directs traffic from northbound SELL to southbound SC 544. In the southeast quadrant, a loop off-ramp carries traffic from southbound SELL to northbound SC 544. Alternative 8&9 is 22.1 miles long. Alternative 8 is shown in **Figure 3.8** and Alternative 9 is shown in **Figure 3.9**.

3.7 Alternative 10&11

The alignments for Alternative 10 and 11 are generally similar and coincide with the alignments for Alternatives 8&9 between the US 501/SC 22 interchange and the location where the alignments for these four alternatives separate near Kinlaw Lane. Similar to Alternatives 8&9, Alternatives 10 and 11 separate for about 2.1 miles beginning approximately where the alternatives cross Dirty Branch Road south of their US 378 interchange. Alternative 10 follows an alignment parallel to, but to the west of, Alternative 11. Alternative 10 and 11 again coincide on the same alignment approximately 2.1 miles south of the split, approximately at the location of the existing J and S Countryside Road. For the purposes of the analysis, Alternatives 10 and 11 are essentially identical and 'Alternative 10&11' is used to indicate results for these two similar alternatives.

From the point where the alignments for Alternative 8&9 and Alternative 10&11 separate, Alternative 10&11 continues southwest for about 6.5 miles, where it coincides with Alternative 3&5 just north of US 701. Alternative 10&11 then continues along the same alignment as Alternative 3&5 to their common terminus at US 17.

The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378. The interchange at US 701 is a partial cloverleaf interchange with a loop on-ramp in the northwest quadrant connecting westbound US 701 to southbound SELL, and a loop on-ramp in the southeast quadrant connecting eastbound US 701 to northbound SELL. At SC 707, a Single Point Urban Interchange (SPUI) is proposed. Similar to Alternative 1 and Alternative 3&5, Alternative 10&11 proceeds east along the alignment of Holmestown Road until it terminates at the existing grade-separated intersection of

Figure 3.8 - SELL Conceptual Alternative 8

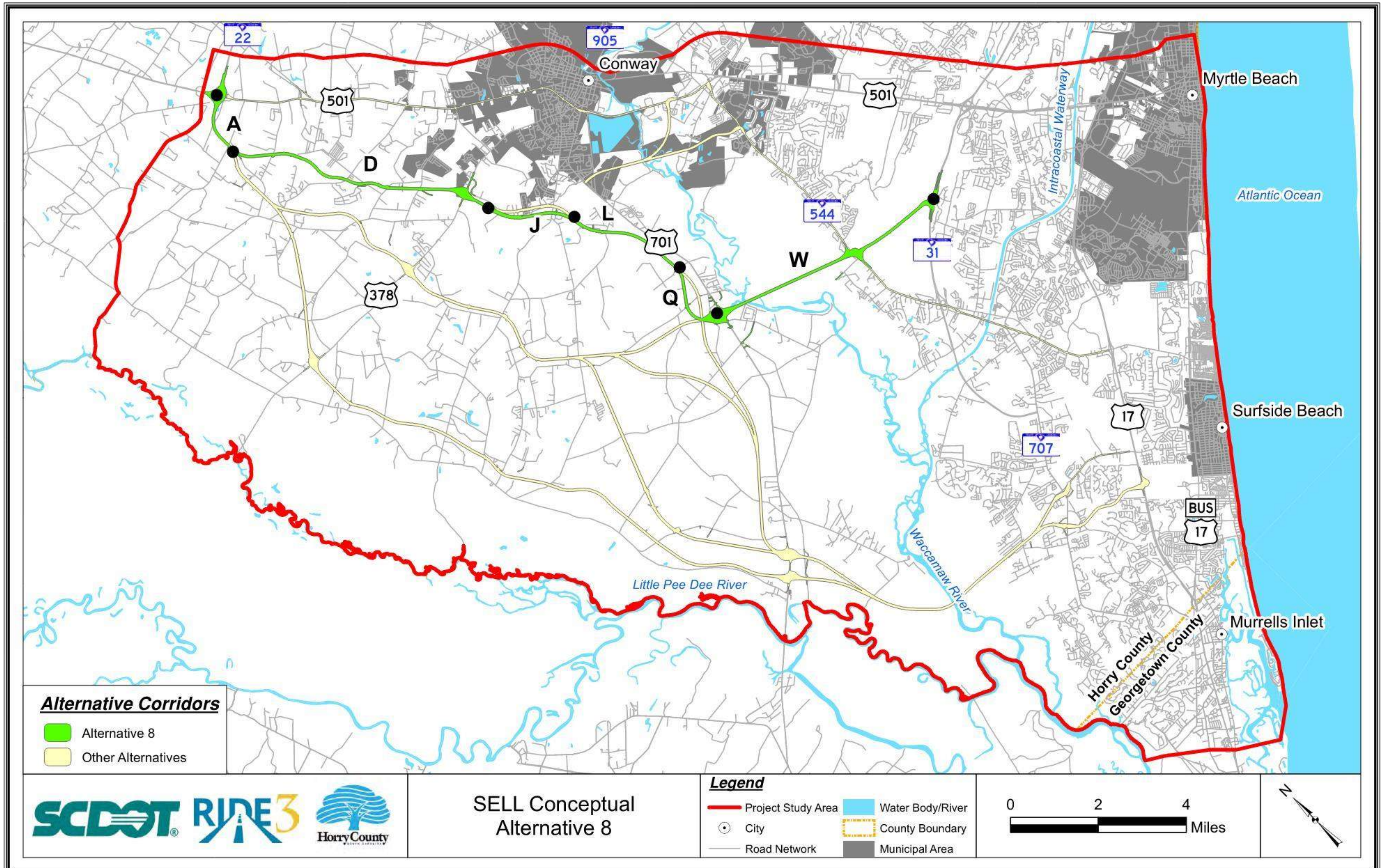
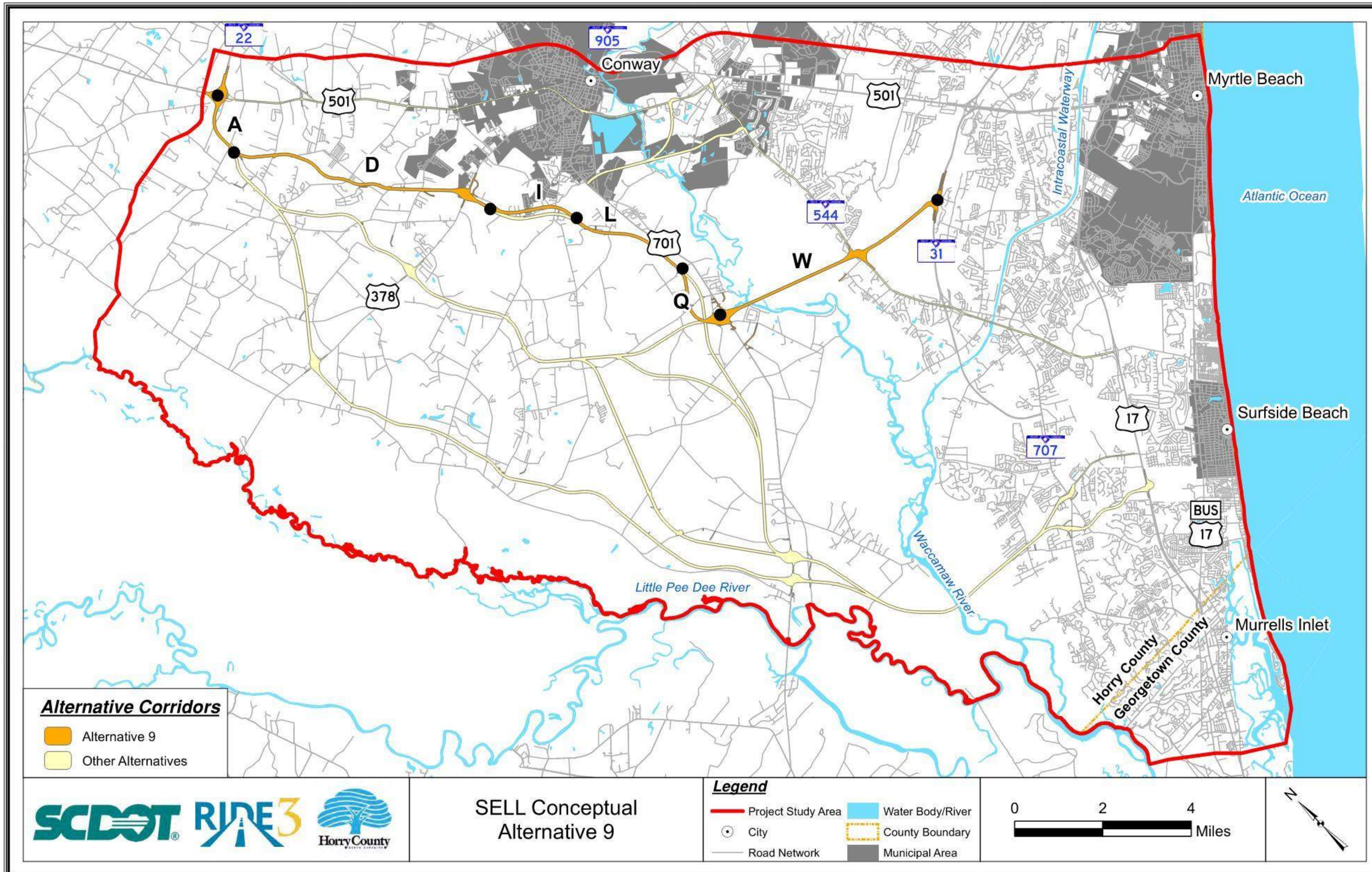


Figure 3.9 - SELL Conceptual Alternative 9



US 17 and Glenns Bay Road. Alternative 10&11 is 31.4 miles long. Alternative 10 is shown in **Figure 3.10** and Alternative 11 is shown in **Figure 3.11**.

3.8 Alternative 12&13

The alignments for Alternative 12 and 13 are generally similar and coincide with the alignments for Alternatives 10&11 from the Conway Bypass/US 501 interchange until approximately 0.8 miles west of SC 707. At that point, the Alternative 12 and Alternative 13 alignment continues along a more southern route than Alternative 10&11, along the alignment used by Alternative 2 and Alternative 4&6 to its terminus with US 17. For the purposes of the analysis, Alternatives 12 and 13 are essentially identical and 'Alternative 12&13' is used to indicate results for these two similar alternatives.

The proposed interchange at US 378 is a diamond interchange with a single loop ramp in the northeast quadrant connecting northbound SELL to westbound US 378. The interchange at US 701 is a partial cloverleaf interchange with a loop on-ramp in the northwest quadrant connecting westbound US 701 to southbound SELL, and a loop on-ramp in the southeast quadrant connecting eastbound US 701 to northbound SELL. The interchange of Alternative 12&13 with SC 707 is a proposed Single Point Urban Interchange (SPUI) that is located approximately 4,400 feet south of Holmestown Road. Alternative 12&13 terminates 0.7 miles southwest of the US 17 and Holmestown Road intersection at a directional interchange that incorporates a loop on-ramp from northbound US 17 to northbound SELL. Alternative 12&13 is 31.2 miles long. Alternative 12 is shown in **Figure 3.12** and Alternative 13 is shown in **Figure 3.13**.

3.9 Alternative 14

Alternative 14 begins on US 501 at the unmodified interchange with SC 22 (Conway Bypass). Instead of running along new alignment, Alternative 14 runs along a widened existing alignment of US 501 to the southeast for 5.4 miles. At this point, Alternative 14 runs along a widened existing alignment of El Bethel Road to Cates Bay Highway at which point it continues along the widened alignment of the Conway Perimeter Road to US 701. Alternative 14 continues along new alignment between US 701 and SC 544. At SC 544, the new alignment portion of Alternative 14 intersects at an at-grade intersection, with a flyover ramp from northbound SC 544 to westbound Alternative 14 provided in place of at-grade left turn lanes controlled by a traffic signal. From this intersection, Alternative 14 then follows a widened existing alignment of SC 544 for about 10.4 miles to its terminus at US 17. Alternative 14 is 24.1 miles long.

Since Alternative 14 is expected to be an upgraded arterial with multiple at-grade intersections throughout its length, freeway, merge/diverge, and weaving analyses for the alternative could not be performed. Alternative 14 is shown in **Figure 3.14**.

3.10 Alternative 15

Alternative 15 follows the same alignment as Alternative 14 between the unmodified US 501/SC 22 interchange and US 701. From that point, Alternative 15 follows a portion of the new alignment from Alternative 14 for about 1.4 miles to the southeast, and then bends to the north to intersect US 501 following the general alignment of the Academy Drive Extension. At its at-grade intersection with US 501, a flyover ramp is provided from westbound US 501 to southbound Alternative 15 in place of at-grade left turn lanes controlled by a traffic signal. Alternative 15 then continues to the east along a widened existing alignment of US 501, to a revised interchange at SC 544 Overpass. The interchange revision includes a new ramp from eastbound US 501 to southbound SC 544 Overpass

Figure 3.10 - SELL Conceptual Alternative 10

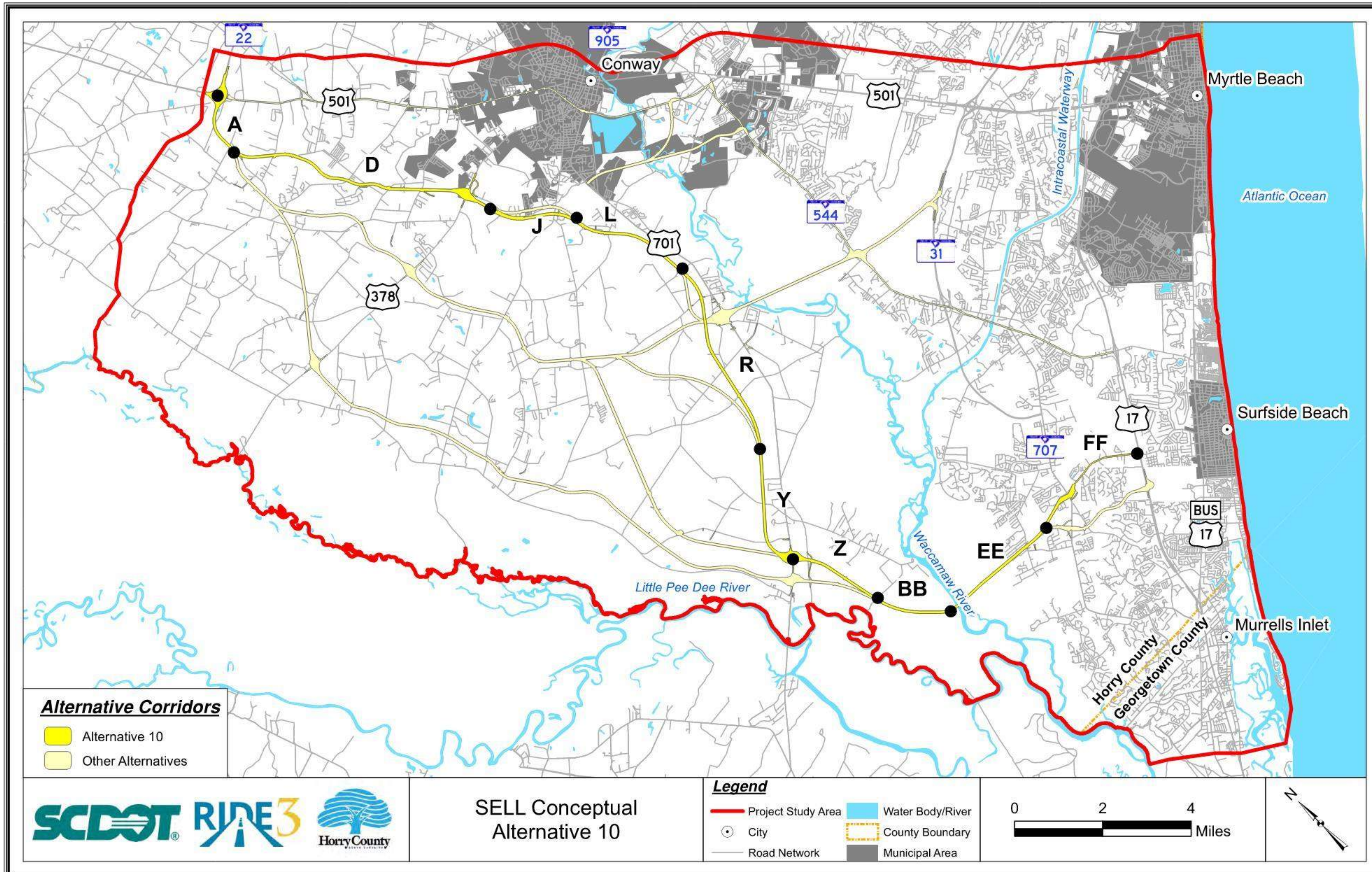


Figure 3.11 - SELL Conceptual Alternative 11

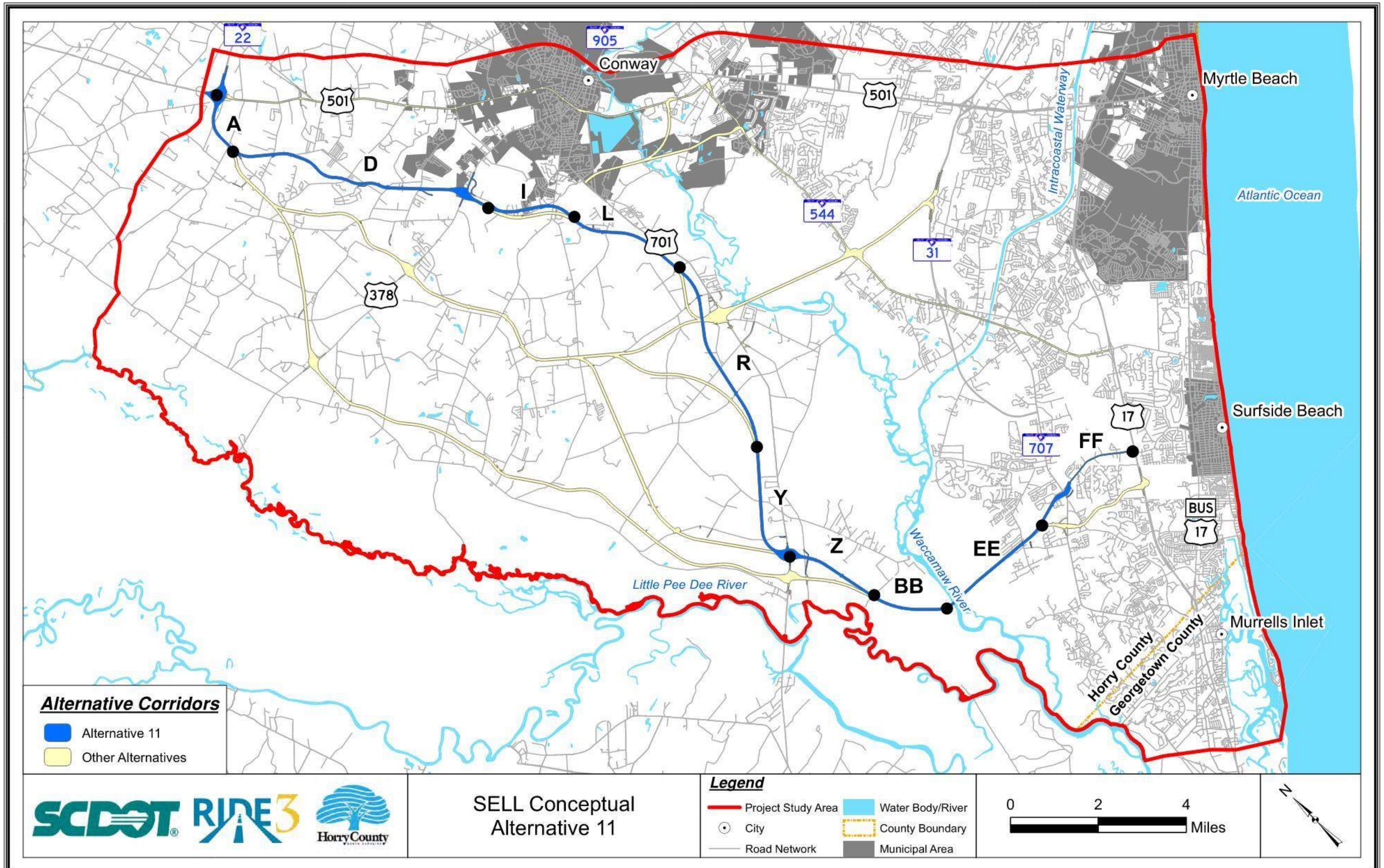


Figure 3.12 - SELL Conceptual Alternative 12

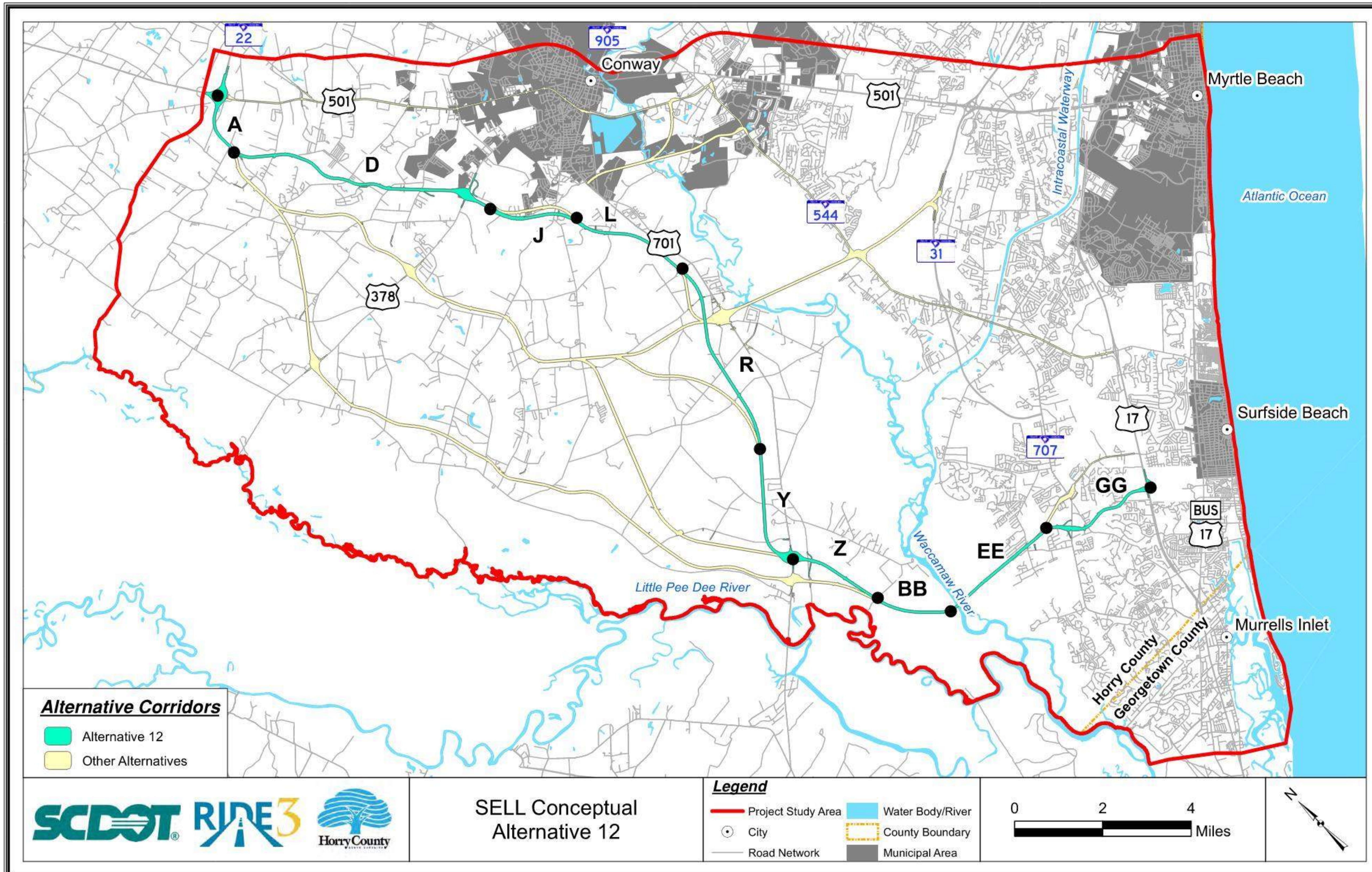


Figure 3.13 - SELL Conceptual Alternative 13

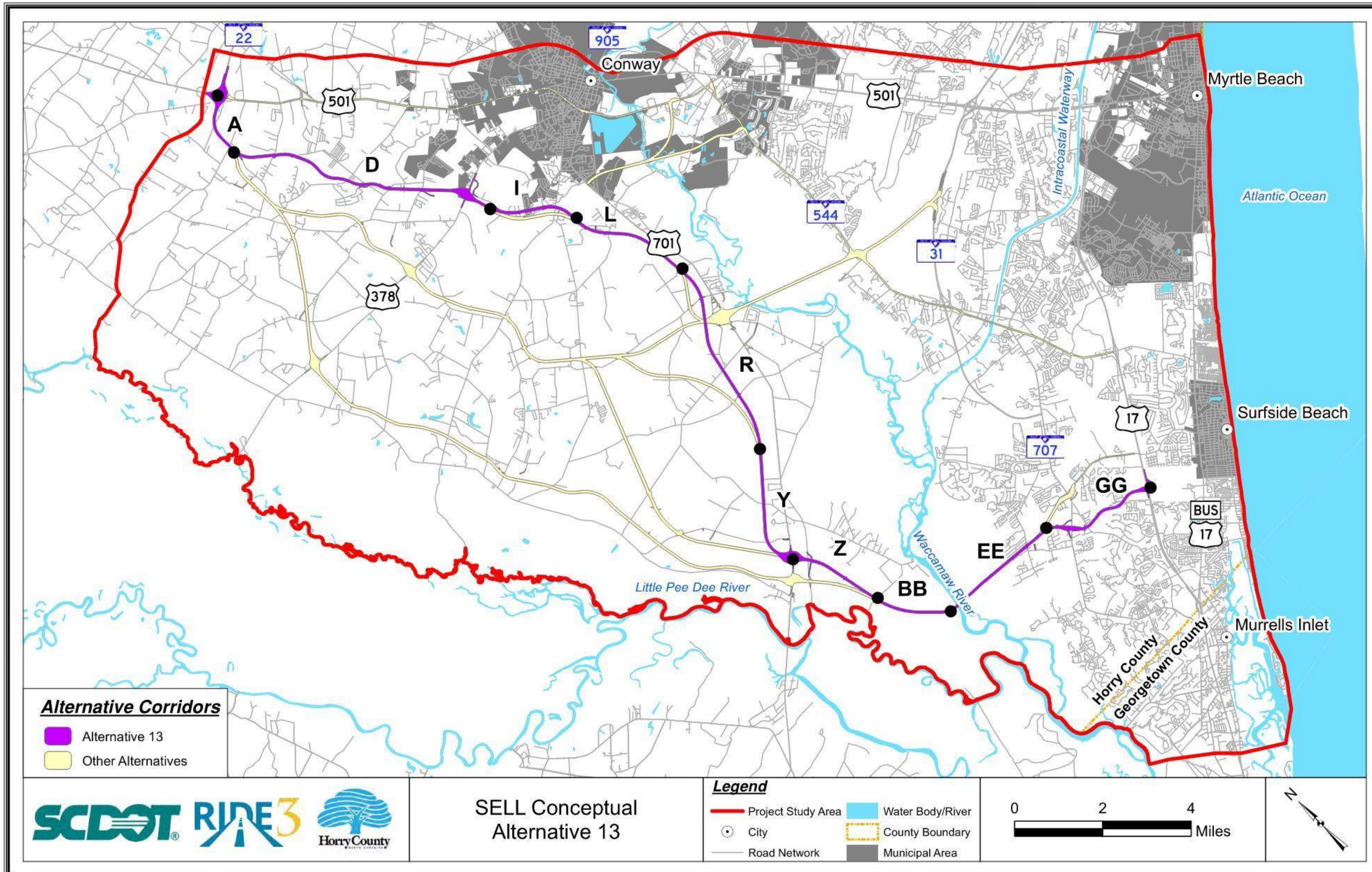
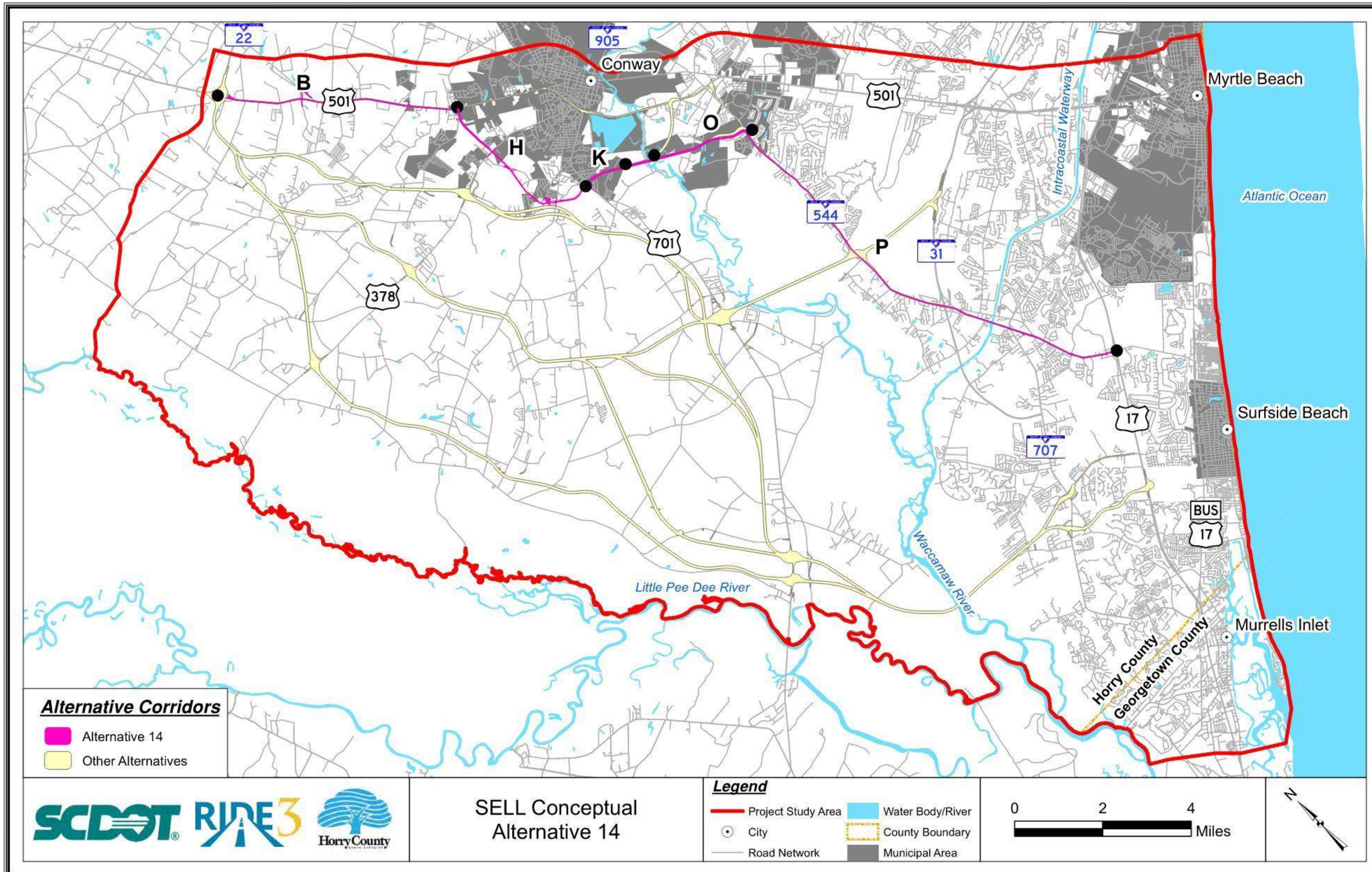


Figure 3.14 - SELL Conceptual Alignment 14



to divert traffic away from the signalized intersection of US 501 at SC 544, which is a two-lane roadway south of US 501. Alternative 15 then continues to the south along a widened existing alignment of SC 544 to its terminus at US 17. Alternative 15 is 26 miles long. Since Alternative 15 is expected to be an upgraded arterial with multiple at-grade intersections throughout its length, freeway, merge/diverge, and weaving analyses for the alternative could not be performed. Alternative 15 is shown in **Figure 3.15**.

3.11 Alternative 16

Alternative 16 begins at the unmodified US 501 at the SC 22 interchange, then follows widened existing alignment along US 501 to the southeast direction before turning to the south on widened existing alignment along SC 544. Similar to Alternative 15, Alternative 16 includes a revised interchange at SC 544 Overpass. The interchange revision includes a new ramp from eastbound US 501 to southbound SC 544 Overpass to divert traffic away from the signalized intersection of US 501 at SC 544, which is a two-lane roadway south of US 501. Alternative 16 then continues to the south along a widened existing alignment of SC 544 to its terminus at US 17. Alternative 16 is 23.8 miles long. Since Alternative 16 is expected to have multiple at grade intersections throughout its length, freeway, merge/diverge, and weaving analyses for the alternative could not be performed. Alternative 16 is shown in **Figure 3.16**.

Figure 3.15 - SELL Conceptual Alignment 15

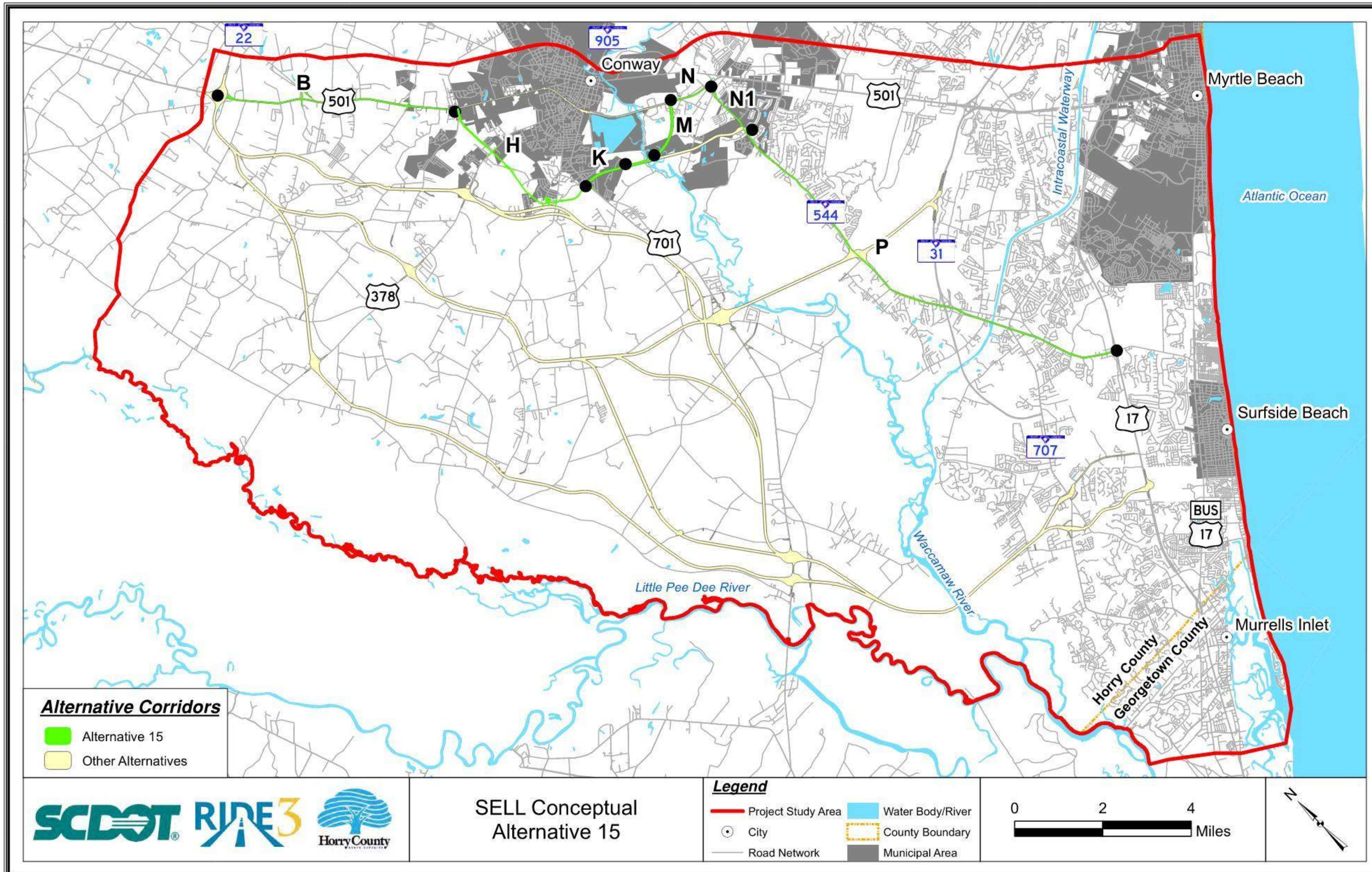
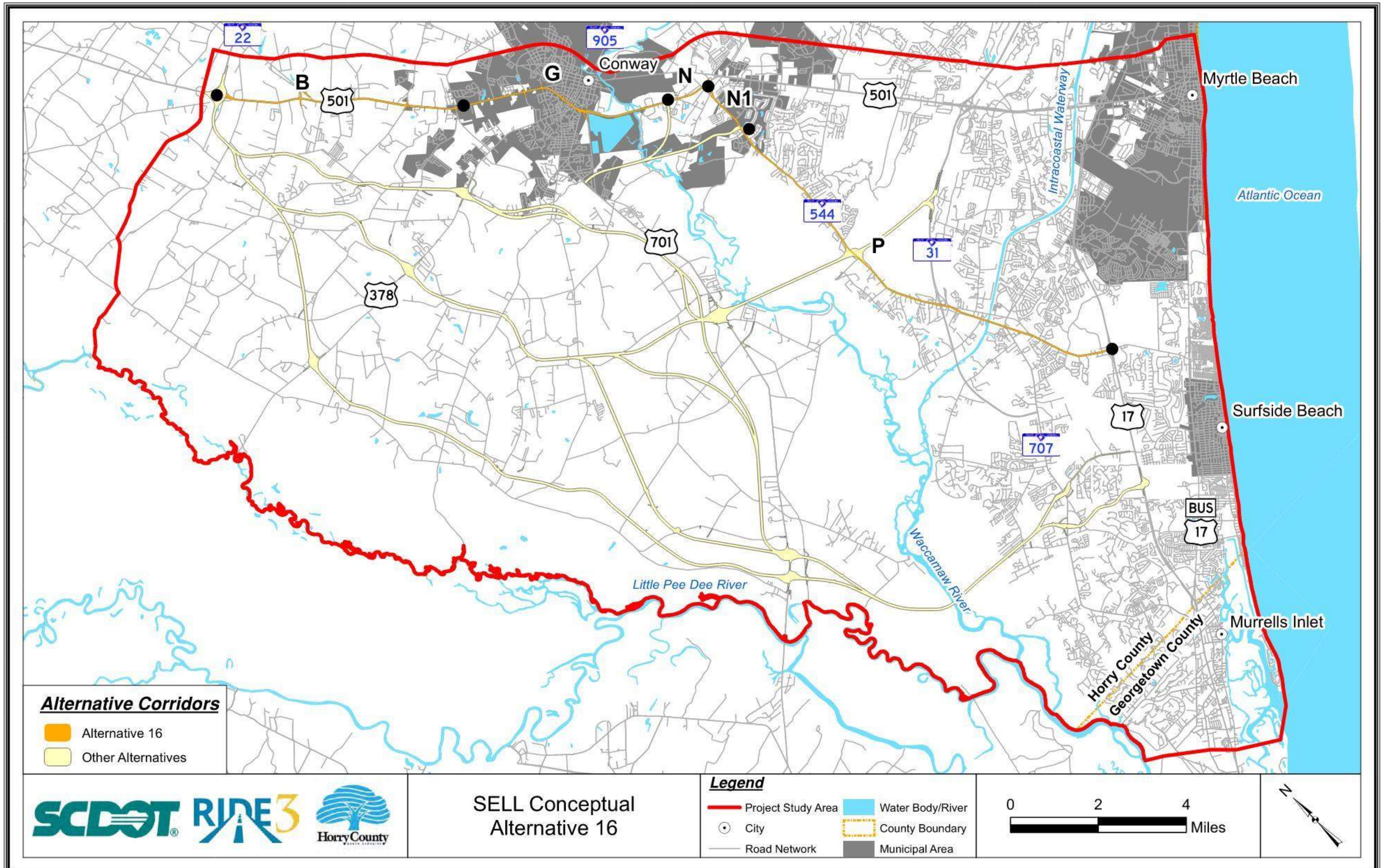


Figure 3.16 - SELL Conceptual Alignment 16



4 HCS Analysis

The HCS-based analysis of the new alignment alternatives for the proposed new alignment SELL Alternatives (SELL Alternatives 1-13) was performed using the AM and PM design hour traffic volumes derived from the travel demand model forecasts, the CCS traffic data, and the current conceptual design elements. **Figure 4.1** and **Figure 4.2** depict the design hour volumes on schematic depictions of the alternatives and the interchange configurations. As a result of similarities in the travel demand modeling of several of the alternatives, the estimated design-hour volumes used in the HCS-based analyses were identical for the following alternatives:

- Alternatives 3 and 5
- Alternatives 4 and 6
- Alternatives 8 and 9
- Alternatives 10 and 11
- Alternatives 12 and 13

4.1 HCS Analysis Assumptions

The analysis of basic freeway segments within the study area were performed for future (2040) build conditions. The following criteria were identified and used for various inputs within the freeway segment analysis:

- To develop future (2040) traffic volumes, it was decided to use the current 2040 GSATS land use data and update the model runs in the future when 2050 land use data is developed.
- A peak hour factor of 0.90 was used for freeway segments and ramp areas.
- Based on the grades through the study area, the terrain was selected as "Level", instead of "Rolling" or "Mountainous".
- Base free-flow speed was set to 70mph along the new alignment segments.
- Number of lanes was set to 2 lanes in each direction most mainline new alignment segments, except for the mainline segment from the northbound off-ramp to US 501 where it was set to 3 lanes.
- Total Ramp Density, ramps/mi is currently set to 0.
- Lane width is set to 12 feet.
- Right side clearance is set to 10.
- Total trucks percentage is currently 10 percent.
- Driver population (the level of driver familiarity) is set to 'All Familiar'.

Figure 4.1 - Alternatives 1-6 AM and PM DHV

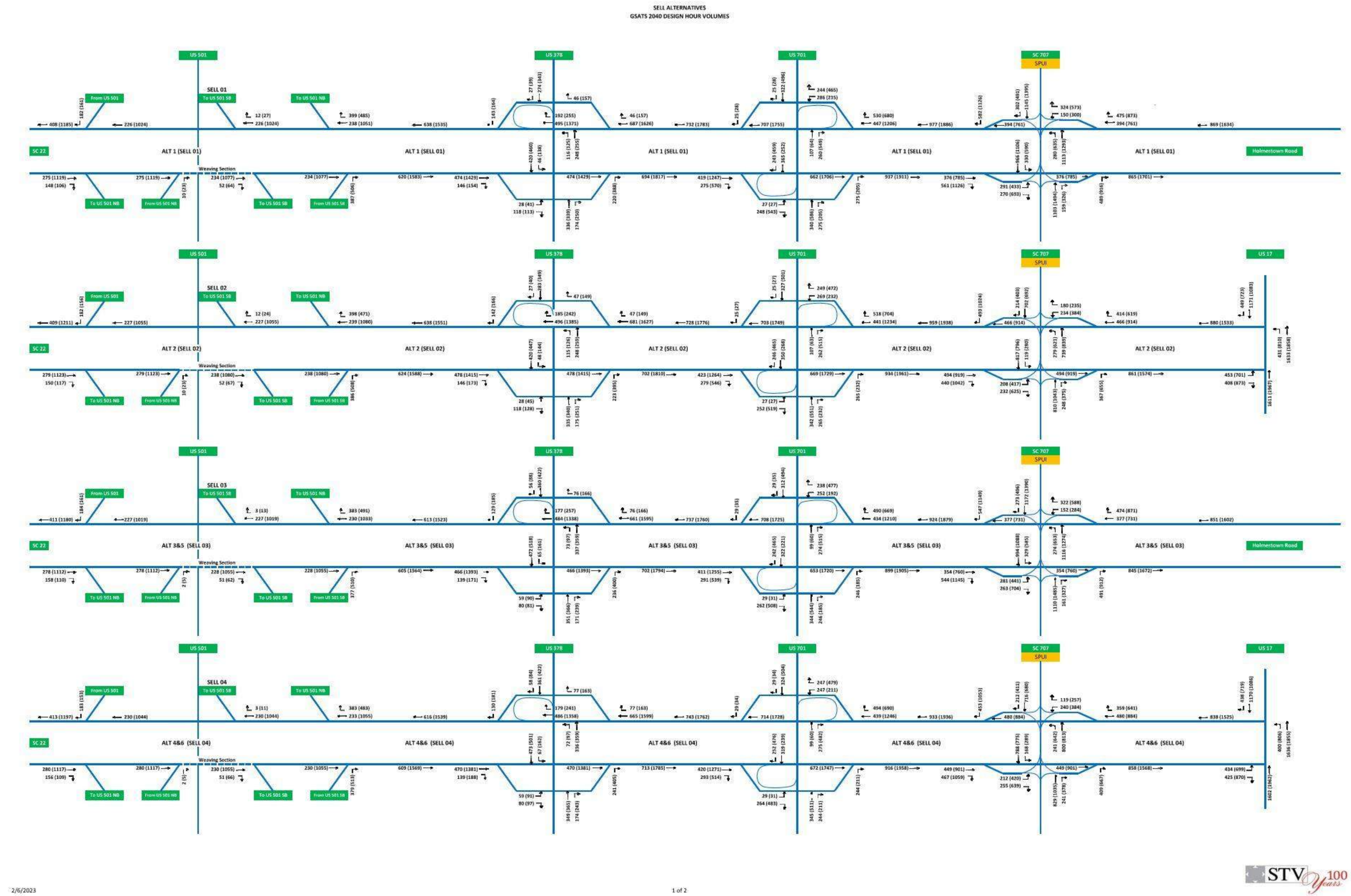
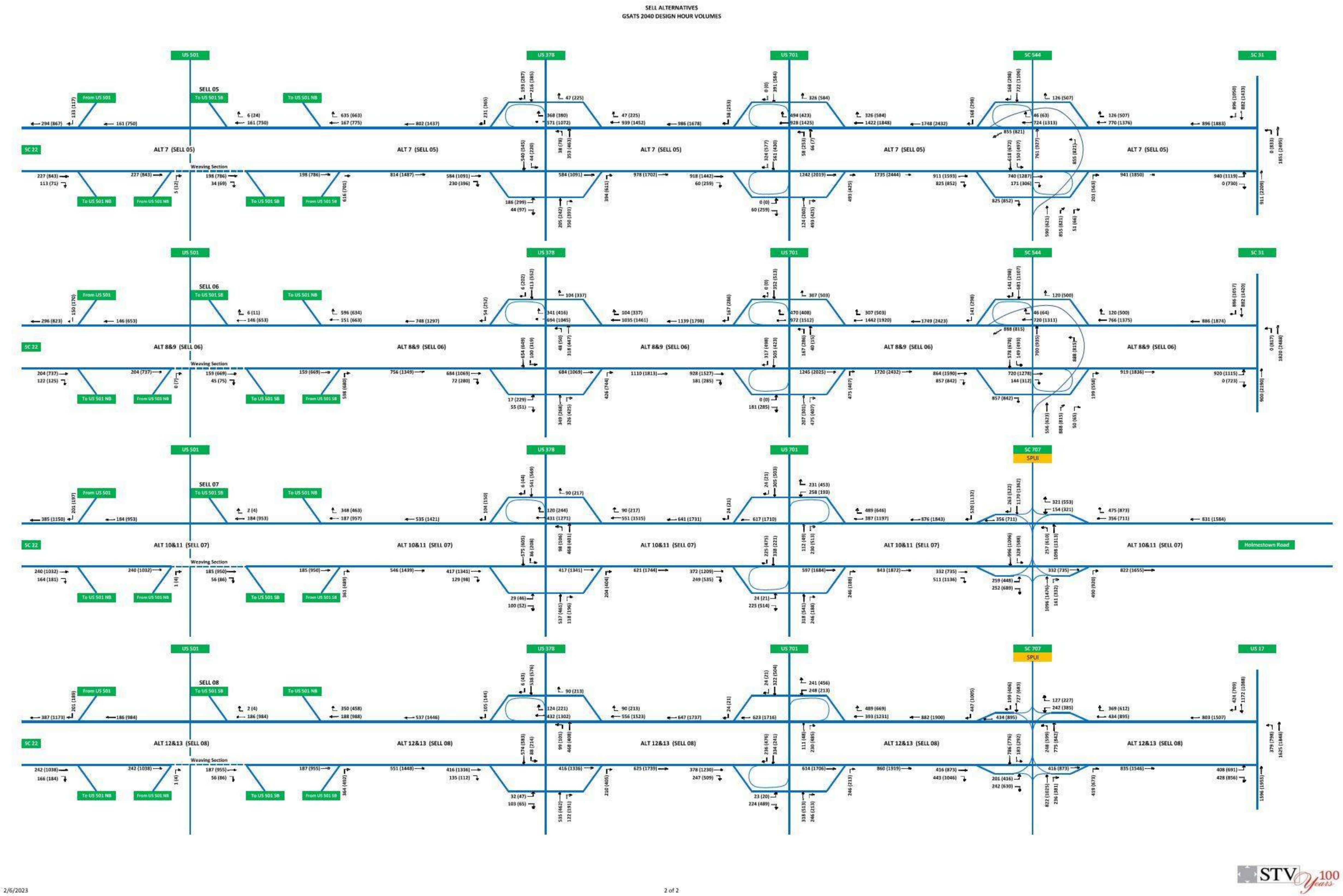


Figure 4.2 - Alternatives 7-13 AM and PM DHV



4.2 Basic Freeway Segment Analysis

The 2040 build condition analysis was performed using the future number of freeway lanes within the study area according to the conceptual designs. The 2040 build condition analysis was performed assuming the mainline SELL alignments would provide two lanes in each direction everywhere except for the segment from the northbound off-ramp to US 501 where three lanes would be provided. The Basic Freeway Segment Analysis outputs are provided in **Appendix B** and summaries of results are shown in **Table 4.1** and **Table 4.2.**

The analysis results for the freeway segments, summarized in **Table 4.1** and **Table 4.2**, indicate the following for 2040 Build Conditions:

- During the morning peak hour, all freeway segments are expected to operate at LOS B or better
- During the afternoon peak hour, all freeway segments are expected to operate at LOS C or better.

4.3 Ramp Merge Analysis

The Ramp Merge Analyses outputs are provided in **Appendix C** and the summary results are shown in **Table 4.3** and **Table 4.4**.

The analysis results for the ramp merge areas, summarized in **Table 4.3** and **Table 4.4**, indicate the following for 2040 Build Conditions:

- During the morning peak hour all merge areas are expected to operate at LOS C or better
- During the afternoon peak hour, the merge areas are expected to operate at LOS C or better except for the northbound on-ramp from SC 544, which is expected to operate at LOS D in Alternative 7.

4.4 Ramp Diverge Analysis

The Ramp Diverge Analyses are also provided in **Appendix D** and the summary results are shown in **Table 4.5** and **Table 4.6**.

The analysis results for the ramp diverge areas, summarized in **Table 4.5** and **Table 4.6**, indicate the following for 2040 Build Conditions:

- During the morning peak hour, all of the off-ramp diverge areas operate at LOS B or better.
- During the afternoon peak hour, all of the off-ramp diverge areas operate at LOS C or better.

Table 4.1 - Freeway Segment Capacity Analysis Results for AM Peak Hour

Freeway Segment Analysis Results 2040																	
		AM Peak Hour															
Direction	Freeway Segment Location	Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
NB	US 17 to SC 707	N/A		A	7.7	N/A		A	7.3	N/A				N/A		A	0.0
NB	SC 31 to SC 544	N/A								A	7.8	A	7.7	N/A			
NB	SC 707 to US 701	A	8.5	A	8.4	A	8.1	A	8.1	N/A				A	7.7	A	0.0
NB	SC 544 to US 701	N/A								B	15.3	B	15.3	N/A			
NB	US 701 to US 378	A	6.4	A	6.4	A	6.4	A	6.5	A	8.6	A	9.9	A	5.6	A	0.0
NB	US 378 to NB OFF-Ramp	A	5.6	A	5.6	A	5.3	A	5.4	A	7.0	A	6.5	A	4.7	A	0.0
NB	NB OFF-Ramp to US 501	A	1.4	A	1.4	A	1.3	A	1.4	A	1.0	A	0.9	A	1.1	A	0.0
SB	US 501 to US 378	A	5.4	A	5.5	A	5.3	A	5.3	A	7.1	A	6.6	A	4.8	A	0.0
SB	US 378 to US 701	A	6.1	A	6.1	A	6.1	A	6.2	A	8.5	A	9.7	A	5.4	A	0.0
SB	US 701 to SC 707	A	8.2	A	8.2	A	7.9	A	8.0	N/A				A	7.4	A	0.0
SB	US 701 to SC 544	N/A								B	15.1	B	15.0	N/A			
SB	SC 707 to US 17	N/A		A	7.5	N/A		A	7.5	N/A				N/A		A	0.0
SB	SC 544 to SC 31	N/A								A	8.2	A	8.0	N/A			

Table 4.2 - Freeway Segment Capacity Analysis Results for PM Peak Hour

Freeway Segment Analysis Results 2040																	
		PM Peak Hour															
Direction	Freeway Segment Location	Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
NB	US 17 to SC 707	N/A		B	13.4	N/A		B	13.3	N/A				N/A		A	0.0
NB	SC 31 to SC 544	N/A								B	16.4	B	16.4	N/A			
NB	SC 707 to US 701	B	16.5	B	16.9	B	16.4	B	16.9	N/A				B	16.1	A	0.0
NB	SC 544 to US 701	N/A								C	21.5	C	21.4	N/A			
NB	US 701 to US 378	B	15.6	B	15.5	B	15.4	B	15.4	B	14.7	B	15.7	B	15.1	A	0.0
NB	US 378 to NB OFF-Ramp	B	13.4	B	13.5	B	13.3	B	13.4	B	12.5	B	11.3	B	12.4	A	0.0
NB	NB OFF-Ramp to US 501	A	6.1	A	6.3	A	6.0	A	6.1	A	4.5	A	3.9	A	5.6	A	0.0
SB	US 501 to US 378	B	13.8	B	13.9	B	13.7	B	13.7	B	13.0	B	11.8	B	12.6	A	0.0
SB	US 378 to US 701	B	15.9	B	15.8	B	15.7	B	15.6	B	14.9	B	15.8	B	15.2	A	0.0
SB	US 701 to SC 707	B	16.7	B	17.1	B	16.6	B	17.1	N/A				B	16.3	A	0.0
SB	US 701 to SC 544	N/A								C	21.7	C	21.5	N/A			
SB	SC 707 to US 17	N/A		B	13.7	N/A		B	13.7	N/A				N/A		A	0.0
SB	SC 544 to SC 31	N/A								B	16.1	B	16.0	N/A			

Table 4.3 - Ramp Merge Capacity Analysis Results for AM Peak Hour

Freeway Merge Analysis Results 2040																	
Direction	Merge Location	AM Peak Hour															
		Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
NB	SC 707_ON	B	11.1	B	11.1	B	10.3	B	10.4	N/A				A	9.6	A	9.9
NB	SC 544_ON	N/A								B	18.0	B	18.0	N/A			
NB	US 701_LoopON	A	5.2	A	5.2	A	5.3	A	5.4	N/A				A	4.1	A	4.1
NB	US 701_ON	A	5.7	A	5.7	A	5.8	A	5.9	A	8.5	B	10.8	A	4.8	A	4.9
NB	US 378_ON	A	5.9	A	5.9	A	5.0	A	5.0	A	7.7	A	5.4	A	3.8	A	3.8
NB	US 501_ON	A	1.7	A	1.7	A	1.7	A	1.7	A	0.1	A	0.3	A	1.6	A	1.6
SB	US 501_ON	A	9.6	A	9.7	A	9.3	A	9.4	B	13.5	B	12.8	A	8.6	A	8.7
SB	US 378_ON	A	7.1	A	7.2	A	7.3	A	7.5	B	11.4	B	11.9	A	5.2	A	5.3
SB	US 701_LoopON	A	4.6	A	4.7	A	4.5	A	4.8	B	10.9	B	10.9	A	3.9	A	4.1
SB	US 701_ON	A	8.8	A	9.8	A	9.3	A	9.5	B	19.1	B	19.3	A	8.8	A	9.0
SB	SC 707_ON	A	5.8	A	7.6	A	8.6	A	9.3	N/A				A	8.4	A	9.1
SB	SC 544_ON	N/A								B	10.7	B	10.5	N/A			

Table 4.4 - Ramp Merge Capacity Analysis Results for PM Peak Hour

Freeway Merge Analysis Results 2040																	
Direction	Merge Location	PM Peak Hour															
		Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
NB	SC 707_ON	C	24.6	C	25.2	C	24.8	C	25.4	N/A				C	24.3	C	24.6
NB	SC 544_ON	N/A								D	31.9	C	22.7	N/A			
NB	US 701_LoopON	B	17.8	B	17.4	B	17.2	B	16.9	N/A				B	17.0	B	16.9
NB	US 701_ON	B	15.8	B	15.7	C	20.2	B	15.6	B	16.8	B	18.2	B	15.2	B	15.2
NB	US 378_ON	B	14.6	B	16.8	B	14.1	B	14.3	B	14.9	B	12.4	B	12.6	B	12.8
NB	US 501_ON	A	8.9	A	9.1	A	8.8	A	8.9	A	5.5	A	5.5	A	8.9	A	9.0
SB	US 501_ON	B	19.9	B	19.9	B	19.7	B	19.7	C	20.7	B	19.1	B	18.3	B	18.4
SB	US 378_ON	B	19.3	B	19.3	B	19.2	B	19.2	C	20.2	C	21.4	B	17.7	B	17.7
SB	US 701_LoopON	B	16.5	B	16.8	B	16.7	B	17.1	C	20.6	B	19.9	B	16.5	B	16.7
SB	US 701_ON	B	18.6	B	19.3	B	18.4	B	19.1	C	25.3	C	25.5	B	18.1	B	18.8
SB	SC 707_ON	C	20.6	B	18.3	C	20.3	B	18.4	N/A				C	20.2	B	18.2
SB	SC 544_ON	N/A								C	22.7	C	22.5	N/A			

Table 4.5 - Ramp Diverge Capacity Analysis Results for AM Peak Hour

Freeway Diverge Analysis Results 2040																	
Direction	Diverge Location	AM Peak Hour															
		Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
NB	SC 707_OFF	A	0.0	A	2.8	A	0.0	A	2.3	N/A				A	0.0	A	1.9
NB	SC 544_LoopOFF	N/A								A	5.9	A	5.8	N/A			
NB	US 701_OFF	B	12.5	B	12.3	B	11.9	B	12.0	C	20.7	C	20.6	B	11.6	B	11.7
NB	US 701_LoopOFF	N/A								B	10.9	B	11.2	N/A			
NB	US 378_OFF	A	4.4	A	4.4	A	4.7	A	4.7	A	7.3	A	9.5	A	4.2	A	4.3
NB	US 378_LoopOFF	A	3.4	A	3.3	A	3.3	A	3.3	A	6.2	A	7.3	A	2.2	A	2.2
NB	US 501 NB_OFF	A	4.7	A	4.7	A	4.4	A	4.5	A	6.6	A	6.1	A	3.8	A	3.8
SB	US 501_OFF	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0	A	0.0
SB	US 378_OFF	A	3.6	A	3.7	A	3.1	A	3.1	A	5.3	A	4.7	A	2.5	A	2.6
SB	US 701_OFF	A	9.5	A	9.6	A	9.6	A	9.7	A	4.2	A	8.5	A	3.4	A	3.4
SB	SC 707_OFF	A	6.5	A	6.5	A	6.1	A	4.4	N/A				A	5.6	A	3.8
SB	SC 544_OFF	N/A								B	19.3	B	19.1	N/A			

Table 4.6 - Ramp Diverge Capacity Analysis Results for PM Peak Hour

Freeway Diverge Analysis Results 2040																	
Direction	Diverge Location	PM Peak Hour															
		Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
NB	SC 707_OFF	A	7.9	A	6.9	A	7.6	A	9.5	N/A				A	7.4	A	9.3
NB	SC 544_LoopOFF	N/A								B	16.3	B	16.2	N/A			
NB	US 701_OFF	C	22.0	C	22.6	C	22.0	C	22.6	C	27.8	C	27.7	C	21.8	C	22.4
NB	US 701_LoopOFF	N/A								B	15.4	B	16.2	N/A			
NB	US 378_OFF	B	15.5	B	15.4	B	15.4	B	15.4	B	14.6	B	16.4	B	15.7	B	15.8
NB	US 378_LoopOFF	B	13.2	B	13.3	B	13.1	B	13.1	B	11.6	B	11.7	B	12.3	B	12.4
NB	US 501 NB_OFF	B	11.4	B	11.5	B	11.3	B	11.4	B	11.2	B	10.1	B	10.5	B	10.7
SB	US 501_OFF	A	6.6	A	6.7	A	6.5	A	6.6	A	3.3	A	2.7	A	6.4	A	6.5
SB	US 378_OFF	B	13.7	B	13.8	B	13.2	B	13.2	B	12.4	B	11.0	B	11.9	B	12.0
SB	US 701_OFF	C	21.3	C	21.3	C	21.0	C	20.9	B	11.8	B	15.9	B	15.2	B	15.2
SB	SC 707_OFF	B	16.8	B	15.4	B	16.7	B	15.4	N/A				B	16.4	B	15.0
SB	SC 544_OFF	N/A								B	19.3	B	19.1	N/A			

4.5 Weave Analysis

There is only one weaving area within the network in the westbound/southbound direction between the loop ramps at the US 501/SC 22/SELL interchange. The weaving section is created between the movement of traffic from the loop on-ramp from northbound US 501 to westbound SC 22/SELL and the loop off-ramp from westbound SC 22/SELL to southbound US 501. The analyses results of this weaving section are also provided in **Appendix E**. The summaries of the results are shown in **Table 4.7** and **Table 4.8**.

Table 4.7 - Weave Capacity Analysis Results for AM Peak Hour

Freeway Weave Analysis Results 2040																	
Direction	Weave Location	AM Peak Hour															
		Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
SB	US 501_Weave	A	2.6	A	2.6	A	2.5	A	2.5	A	2.1	A	1.8	A	2.2	A	2.2

Table 4.8 - Weave Capacity Analysis Results for PM Peak Hour

Freeway Weave Analysis Results 2040																	
Direction	Weave Location	PM Peak Hour															
		Alt 01		Alt 02		Alt 03&05		Alt 04&06		Alt 07		Alt 08&09		Alt 10&11		Alt 12&13	
		LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density	LOS	Density
SB	US 501_Weave	B	10.6	B	10.7	B	10.4	B	10.4	A	7.8	A	6.8	A	9.6	A	9.7

The analysis results for the weaving area, summarized in **Table 4.7** and **Table 4.8**, indicate the following for 2040 Build Conditions:

- During the morning peak hour, the weaving area is expected to operate at LOS A.
- During the afternoon peak hour, the weaving area is expected to operate at LOS A or LOS B.

5 Interchange Arterial Analysis

The operation of the arterial roadways was analyzed using Synchro/SimTraffic at the interchanges for the new SELL alternatives along US 378, US 701, and SC 707, for the proposed interchanges on the arterial widening alternatives 14, 15 and 16 on SC 544, US 501 and for the modification to the existing interchange at SC 544/US 501. The analysis was based on the DHV volumes derived from the GSATS travel demand model forecasts (as shown in **Figure 4.1** and **Figure 4.2**) and the conceptual interchange configurations. As the concepts are developed further in the future, actual traffic volume data should be collected and used to calibrate and refine the traffic analysis.

The analyses were intended to identify any potential operating issues that may require adjustment to the number of lanes and/or assumed traffic control at the ramp termini along the arterials. Synchro/SimTraffic analyses were not performed at the existing interchange at US 17 and Holmestown Road (Alternatives 1, 3, 5, 10 and 11) or at the interchanges that include free flow movements without traffic control. These interchanges include

- US 17 at the terminus of Alternatives 2, 4, 6, 12, and 13
- SC 31 at the terminus of Alternatives 7, 8, and 9
- SC 544 in Alternatives 7, 8, and 9

- US 501/SC 22/SELL in Alternatives 1 to 13.

Analyses for these interchanges need to be performed using more complex microsimulation analysis tools as part of the analysis of entire alternatives which is beyond the scope of this initial development and assessment of the SELL alternatives.

5.1 SC 707 Interchanges

The generic conceptual interchange configuration analyzed at SC 707 was a Single Point Urban Interchange (SPUI). Diverging Diamond Interchange configurations were also investigated preliminarily, but it was found that the SPUI interchange concepts generally provided better operation at the signal-controlled intersections within the alternative. No interchanges are present at SC 707 in the new alignment Alternatives 7, 8, and 9, or in the improved arterial Alternatives 14, 15 and 16.

The proposed SPUI configuration at SC 707 provides dual left turn lanes and two through lanes on northbound and southbound SC 707 at the SPUI intersection. Dual left turn lanes and dual right turn lanes are provided on each off-ramp to the SPUI. On the entrance ramps, dual on-ramp lanes from the left turns from SC 707 intersect a single yield-controlled lane from the right turn from SC 707. The two lane on-ramps merge into a single lane before entering the SELL alignment. The proposed SPUI configuration for Alternatives 1, 3&5, and 10&11, which is located to the south of the SC 707 intersection with Holmestown Road is shown in **Figure 5.1**. The proposed SPUI configuration for Alternatives 2, 4&6, and 12&13, which is located to the north of the SC 707 intersection with Grape Arbor, is shown in **Figure 5.2**.

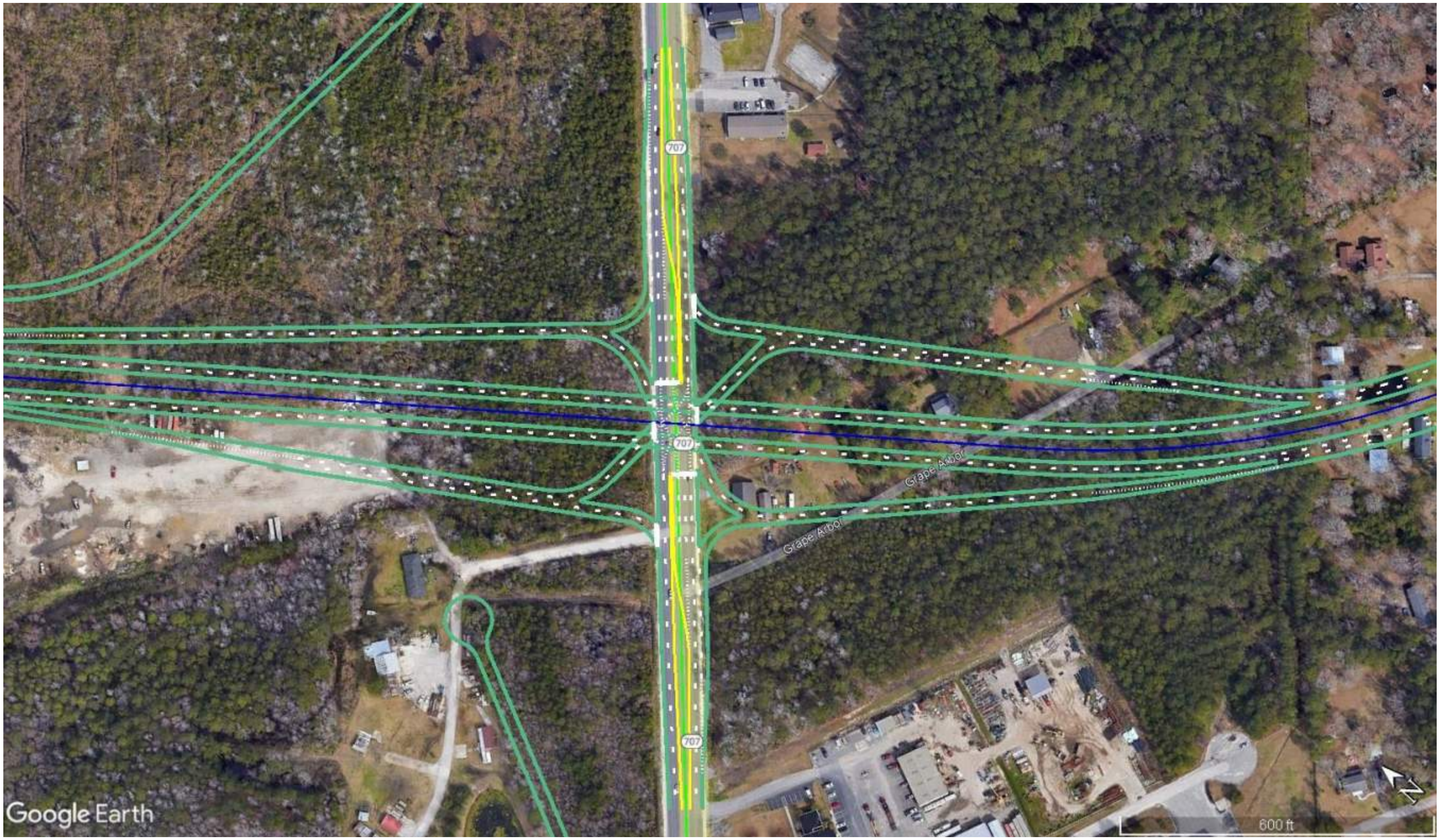
The results of the Synchro analysis are shown in **Table 5.1** and contained in **Appendix F**. The Synchro analysis results show that the SPUI intersection is expected to operate at LOS D during the PM peak design hour. However, reviews of the SimTraffic simulations indicated that traffic flowed relatively well without excessive queuing and with no vehicles denied entry into the network. As the concept is developed further and actual traffic volume data is obtained to refine the SPUI concept, it may be possible to reduce the number of lanes on the left and right turn ramps to/from the SELL alternatives.

Table 5.1 - SC 707 SPUI Analysis Results

SC 707 SPUI Intersection	ALT 01		ALT 02		ALT 03&05		ALT 04&06		ALT 10&11		ALT 12&13	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
SPUI Intersection	C	D	C	D	C	D	C	D	C	C	C	D
Westbound Right Off-Ramp	A	A	A	A	A	B	A	A	A	A	A	A
Eastbound Right Off-Ramp	A	A	A	A	A	A	A	A	A	A	A	A

Figure 5.1 - SC 707 SPUI Configuration – Alternatives 1, 3&5, and 10&11

Figure 5.2 - SC 707 SPUI Configuration – Alternatives 2, 4&6, and 12&13



5.2 US 701 Interchanges

The generic conceptual interchange configuration analyzed at US 701 varies depending on the alternative. Alternatives 1 through 6 and 10 through 13 incorporate a Partial Cloverleaf interchange that has loop on-ramps from US 701 to the SELL alignment in the northwest and southwest quadrants of the interchange. For the purposes of this report, this interchange is referred to as 'US 701 ParClo 1'. Alternatives 7 through 9 incorporate a loop off-ramp from northbound SELL to westbound US 701 and a loop on-ramp from westbound US 701 to southbound SELL. This interchange is referred to as 'US 701 ParClo 2'. Both interchange concepts include diamond ramps in each quadrant. No interchanges are present at US 701 in the improved arterial Alternatives 14, 15 and 16.

5.2.1 US 701 ParClo 1

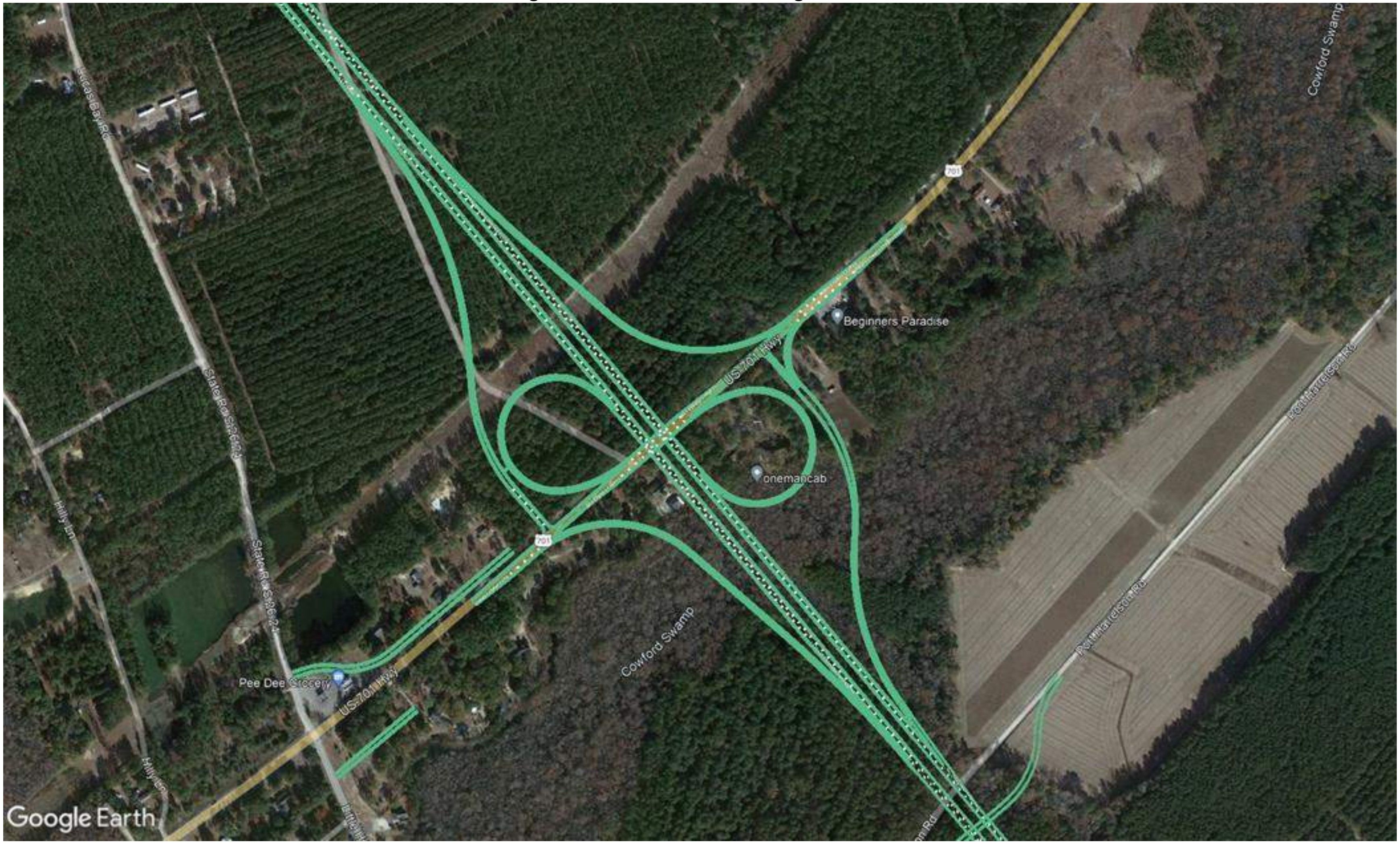
The first proposed ParClo configuration on US 701 carries one lane in each direction on the US 701 approaches to the interchange. Separate free flow right turn lanes are provided to each on-ramp, including the loop on-ramps in the northwest and southeast quadrants of the interchange. This creates a four-lane cross-section on the bridge above the SELL alignment. All movements to the on-ramps are uncontrolled. The off-ramps provide a single lane from the diverge point on the SELL alignment widening to provide separate left and right turn lanes at US 701. The northbound off-ramp right turn provides a second lane on eastbound US 701 that merges into the single eastbound lane after approximately 650 feet. The northbound off-ramp left turn and the southbound off-ramp left turn and right turn movements are controlled by stop signs. The proposed US 701 ParClo 1 configuration is shown in **Figure 5.3**.

The results of the Synchro analysis are shown in **Table 5.2** and contained in **Appendix G**. The Synchro analysis results show that the stop sign controlled off-ramp movements are expected to operate at LOS D or better. Reviews of the SimTraffic simulations indicated that traffic flowed relatively well without excessive queuing and with no vehicles denied entry into the network.

Table 5.2 - US 701 ParClo 1 Analysis Results

US 701 ParClo 1	ALT 01		ALT 02		ALT 03&05		ALT 04&06		ALT 10&11		ALT 12&13	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Southbound Off-Ramp	C	D	B	C	B	C	B	C	B	C	B	C
Northbound Off-Ramp Left	C	C	C	C	C	C	C	C	C	C	C	C

Figure 5.3 - US 701 ParClo Configuration 1



5.2.2 US 701 ParClo 2

The second proposed ParClo configuration on US 701 carries one lane in each direction on the US 701 approaches to the interchange. A separate free flow northbound right turn lane is provided on US 701 to the on-ramp to the eastbound SELL alignment while a separate northbound left turn lane and separate southbound right turn lane provides access to the westbound on-ramp. The loop off-ramp from westbound SELL provides an additional lane on southbound US 701 that drops to the loop on-ramp to eastbound SELL, creating a three-lane section across the bridge. All movements to the on-ramps are uncontrolled.

With the loop off-ramp in the northwest interchange quadrant handling movements from westbound SELL to southbound US 701, the westbound off-ramp right turn movement is handled on a directional ramp that creates a second northbound lane on US 701 that merges back into a single lane after approximately 700 feet. The eastbound off-ramp provides a single lane from its diverge point on the SELL alignment, widening to provide separate left and right turn lanes under stop sign control at US 701. The proposed US 701 ParClo 2 configuration is shown in **Figure 5.4**.

The results of the Synchro analysis for the only stop sign controlled approach at the interchange are shown in **Table 5.3** and contained in **Appendix H**. The Synchro analysis results show that the stop sign controlled eastbound off-ramp approach is expected to operate at LOS C or better. Reviews of the SimTraffic simulations indicated that traffic flowed relatively well without excessive queuing and with no vehicles denied entry into the network.

Table 5.3 - US 701 ParClo 2 Analysis Results

US 701 ParClo 2	ALT 07		ALT 08&09	
	AM	PM	AM	PM
Eastbound Off-Ramp	B	C	C	C

5.3 US 378 Interchange

The generic conceptual interchange configuration analyzed at US 378 is consistent for all new alignment alternatives (Alternatives 1 through 13). The US 378 interchange incorporates a loop off-ramp from northbound SELL to westbound US 378. No interchanges are present at US 378 in the improved arterial Alternatives 14, 15 and 16.

The US 378 interchange configuration carries one lane in each direction on the US 378 approaches to the interchange. Separate left turn lanes and free flow right turn lanes are provided to each on-ramp. All movements to the on-ramps are uncontrolled.

A loop off-ramp is provided for the northbound SELL alignment, which creates a second westbound through lane on US 378 past the southbound off-ramp intersection. This creates a three-lane cross-section on the bridge above

Figure 5.4 - US 701 ParClo Configuration 2

the SELL alignment. The other northbound off-ramps provides a free flow right turn lane to eastbound US 378, which merges into US 378 to the east. The southbound off-ramp provides a stop sign controlled shared left turn-right turn lane at its terminus with US 378. The proposed US 378 interchange configuration is shown in **Figure 5.5**.

The results of the Synchro analysis are shown in **Table 5.4** and contained in **Appendix I**. The Synchro analysis results show that the stop sign controlled off-ramp movement on the southbound off-ramp is expected to operate at LOS F during a number of time periods. Reviews of the SimTraffic simulations indicated that traffic was particularly congested on the southbound off-ramp in the afternoon peak hours for Alternatives 7, 8 and 9, when off-ramp queues were observed to extend back on the off-ramp towards the mainline. Additional test analyses incorporating separate left and right turn lanes did not improve the LOS. It may be necessary to provide a traffic signal at the southbound ramp terminus with US 378 to provide for improved traffic flow.

Table 5.4 - US 378 Interchange Analysis Results

US 378 Interchange	ALT 01		ALT 02		ALT 03&05		ALT 04&06		ALT 7		ALT 8&9		ALT 10&11		ALT 12&13	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Southbound Off-Ramp	B	D	B	D	D	F	D	F	F	F	C	F	D	F	D	F

5.4 SC 544 Interchange

Alternative 14 includes a traffic signal controlled at-grade intersection of Segment O of Alternative 14 with SC 544. Included in the intersection concept is a flyover ramp from northbound SC 544 to westbound Segment O of Alternative 14. The DHV derived from the GSATS travel demand model assignments show volumes between 1,100 and 1,700 vehicles per hour for the northbound left turn from SC 544 to westbound Segment O. Due to this high volume of traffic, a two-lane flyover ramp is included in the conceptual interchange configuration.

The at-grade intersection also includes free-flow right turn lanes for eastbound traffic on Segment O and southbound traffic on SC 544. Dual eastbound left turn lanes are also provided. This configuration of the at-grade intersection is expected to operate at LOS D or better under the derived design hour volumes. The SC 544 interchange concept is shown in **Figure 5.6**.

5.5 US 501 Interchange

Alternative 15 includes a traffic signal controlled at-grade intersection of Segment M of Alternative 15 with US 501. Included in the intersection concept is a flyover ramp from westbound US 501 to southbound Segment M of Alternative 15. The DHV derived from the GSATS travel demand model assignments show volumes between 1,200 and 1,700 vehicles per hour for the westbound left turn from US 501 to southbound Segment M. Due to this high volume of traffic, a two-lane flyover ramp is included in the conceptual interchange configuration.

The at-grade intersection also includes free-flow right turn lanes for northbound traffic on Segment M and eastbound traffic on US 501. Dual northbound left turn lanes are also provided. This configuration of the at-grade intersection is expected to operate at LOS C or better under the derived design hour volumes. The US 501 interchange concept is shown in **Figure 5.7**.

Figure 5.5 - US 378 Interchange Configuration

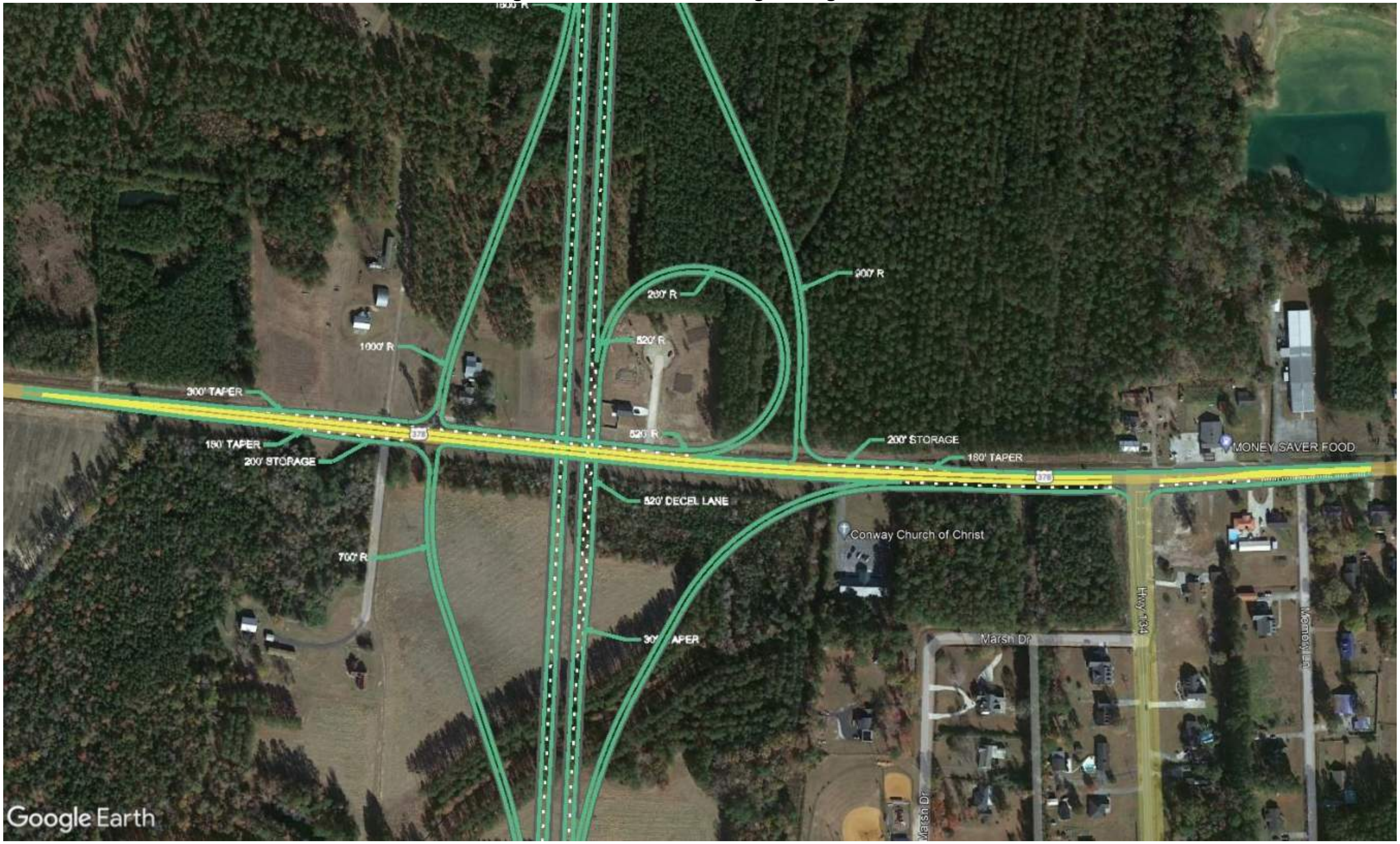


Figure 5.6 - SC 544 Interchange Configuration

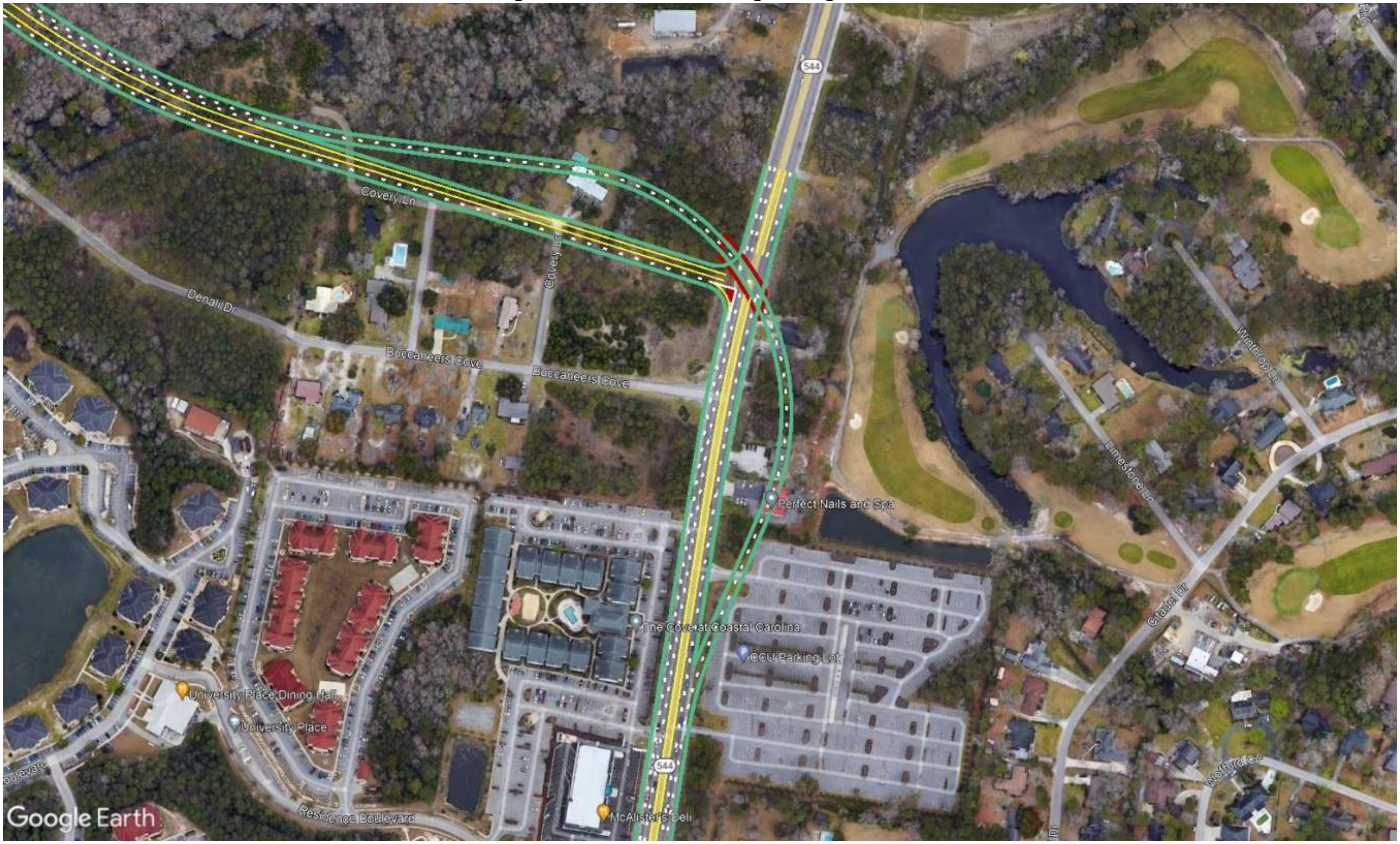


Figure 5.7 - US 501 Interchange Concept

5.6 US 501 – SC 544 Bypass Interchange

Alternatives 15 and 16 include a modification to the existing interchange between SC 544 Overpass and US 501. This modification includes providing a two-lane ramp from eastbound US 501 to southbound SC 544 Overpass to redirect traffic from making eastbound right turns and northbound right turns from SC 544. By rerouting the northbound left turn from SC 544 to the interchange, traffic signal operations at the US 501/SC 544 intersection should improve and serve more US 501 traffic by reducing the side street green time. Redirecting the eastbound right turn to a new free flow interchange ramp will also improve traffic flow through the signalized intersection. However, the high volume of derived design hour traffic traveling from northbound SC 544 Overpass to westbound US 501 through the existing interchange results in nearly continuous flow on the loop ramp in the northeast quadrant of the interchange.

The at-grade intersection of SC 544 with US 501 is modified to provide three westbound through lanes and four eastbound through lanes, with two of the eastbound lanes dropping to the proposed ramp to southbound SC 544 Overpass. The US 501 – SC 544 Bypass interchange concept is shown in **Figure 5.8**.

Figure 5.8 - US 501 - SC 544 Overpass Interchange Configuration

6 CONCLUSIONS AND RECOMMENDATIONS

Among the 16 alternatives developed for evaluation, Alternatives 1 through 13 are alternatives on new alignment running between the US 501/SC 22 interchange to termini on either US 17 or SC 31.

Three of the 16 alternatives (Alternatives 14, 15, and 16) consist primarily of improvements to existing roadways, including SC 544, US 501, and the Conway Perimeter Roadway. Alternatives 14 and 15 include two short sections of new alignment roadways connecting to SC 544 and US 501 respectively.

For the 13 new alignment alternatives (Alternatives 1 through 13), freeway segment, merge/diverge area, and weaving section analyses were performed using volumes derived from 2040 GSATS travel demand model volume forecasts, including turn movement forecast at proposed interchange locations.

Traffic volumes derived from the 2040 GSATS travel demand model were used in the analyses to assess the potential operation of the new alignment facilities, to assess the geometric configuration of the proposed interchanges, as well as to provide insight into the number of turn lanes that might be needed at ramp termini and at intersection locations. As refinement of the alternatives proceed, more accurate existing traffic data should be obtained where possible to corroborate the volumes used in these analyses.

Freeway segment analysis results do not show any issues with any of the new alignment alternatives (1 through 13). They are expected to operate at LOS C or better under AM and PM derived design hour volumes.

Merge area analysis results also do not show any issues with the anticipated operation of the new alignment alternatives (Alternatives 1 through 13). All merge areas operate at LOS C or better with the exception of the merge area from the northbound on-ramp from SC 544 under PM design hour traffic in Alternative7, which is expected to operate at LOS D.

Diverge analysis results do not show any issues with the anticipated operation of the new alignment alternatives (Alternatives 1 through 13). All diverge areas operate at LOS C or better under derived design hour traffic in the AM and PM peak hours.

Weaving analysis results show the weaving section along westbound SC 22/SELL between the proposed and existing loop ramps at the US 501 interchange operate at LOS B or better under derived volumes in the AM and PM design hours.

The analysis of the new alignment conceptual alternatives indicates there are no significant operational conditions to separate one alternative from others in the selection of a Preferred Alternative.

The proposed interchange configurations of the new alignment alternatives at SC 707, US 701, and US 378 were evaluated using turning movement forecasts derived from the 2040 GSATS travel demand model. The interchanges as proposed appear to function well in all alternatives. Stop sign traffic control was assumed where were required at ramp termini. These stop sign controlled approaches generally operated at LOS D or better with the exception of the southbound off-ramp at US 378 in multiple alternatives. It may be necessary to provide traffic signal control at this ramp intersection.

Analyses of the interchanges in the alternatives making extensive use of widening of existing roadways (Alternatives 14 – 16) were also performed to assist in the development of these concepts.

As further development and refinement of the alternative and interchange concepts proceeds, actual traffic data should be collected to corroborate the volumes and analyses described within this report to assist in preparing final design concepts appropriate for opening and design year traffic operations.

As further development and refinement of the alternative and interchange concepts proceeds, forecasts based on actual peak hour traffic volume data should be incorporated into microsimulation models of the network alternatives. Using collected traffic data and complex microsimulation tools, such as TransModeler, would result in a better evaluation of the interaction of designs and traffic congestion within the individual alternatives, provide the basis for a comparative assessment of performance differences between the alternatives, and support the identification of a preferred alternative.

Appendix A—Continuous Count Station K- and D-Factors

SC 544 : SC 544 CON (W COX FERRY RD) TO S- 814 (HWY 814) - Monthly Workday Averages

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	TOTAL
Daily	32014	35908	39661	41630	38624	39229	38122	40440	42200	42348	38737	33942	35142				497997
Total																	
06:00:00	1238	1408	1522	1570	1606	1650	1488	1578	1569	1648	1550	1336	1420				19583
07:00:00	2303	2693	2819	2819	2804	2834	2543	2842	3031	3009	2765	2393	2779				35634
08:00:00	1956	2177	2386	2488	2373	2435	2314	2511	2671	2654	2424	2110	2310				30809
15:00:00	2513	2799	3008	3037	2797	2888	2754	2949	3021	3057	2872	2578	2700				36973
16:00:00	2598	2902	3099	3195	2961	3003	2805	3025	3118	3195	2992	2676	2813				38382
17:00:00	2647	2968	3144	3208	2984	3107	2967	3112	3125	3238	3087	2658	2861				39106
EB																	
06:00:00	779	868	937	983	1005	1035	947	970	961	1010	953	833	873				12154
07:00:00	1331	1532	1620	1629	1621	1665	1501	1552	1616	1631	1524	1387	1540				20149
08:00:00	1029	1114	1238	1294	1263	1292	1222	1245	1286	1327	1230	1109	1151				15800
15:00:00	1255	1431	1565	1607	1487	1561	1462	1541	1562	1606	1487	1320	1367				19251
16:00:00	1278	1449	1586	1644	1511	1546	1375	1516	1536	1589	1498	1308	1392				19228
17:00:00	1311	1484	1583	1646	1510	1588	1493	1573	1527	1572	1516	1309	1391				19503
WB																	
06:00:00	460	540	584	587	602	615	541	608	608	638	597	503	547				7430
07:00:00	972	1162	1199	1190	1183	1169	1042	1289	1415	1378	1241	1006	1239				15485
08:00:00	926	1063	1148	1194	1110	1143	1092	1266	1385	1327	1193	1001	1159				15007
15:00:00	1258	1369	1443	1430	1310	1326	1292	1408	1459	1452	1385	1258	1333				17723
16:00:00	1320	1453	1513	1550	1451	1457	1429	1509	1582	1606	1494	1368	1421				19153
17:00:00	1336	1484	1561	1563	1475	1520	1475	1539	1598	1665	1571	1350	1470				19607
																	34.2%

Design Hour	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	TOTAL
AM K	41.9%	42.9%	41.9%	41.0%	41.3%	41.0%	40.1%	41.0%	41.7%	41.2%	41.0%	41.0%	42.7%				41.4%
PM K	34.1%	34.2%	34.0%	34.0%	34.1%	34.5%	34.8%	34.3%	33.7%	34.1%	34.5%	33.6%	34.2%				34.2%
AM EB D	58%	57%	57%	58%	58%	59%	59%	55%	53%	54%	55%	58%	55%				57%
AM WB D	42%	43%	43%	42%	42%	41%	41%	45%	47%	46%	45%	42%	45%				43%
PM EB D	50%	50%	50%	51%	51%	51%	50%	51%	49%	49%	49%	49%	49%				50%
PM WB D	50%	50%	50%	49%	49%	49%	50%	49%	51%	51%	51%	51%	51%				50%

SC 544 : SC 544 CON (W COX FERRY RD) TO S- 814 (HWY 814) - Monthly Workday Averages

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	TOTAL
Daily	32014	35908	39661	41630	38624	39229	38122	40440	42200	42348	38737	33942	35142				497997
Total -K																	
06:00:00	3.9%	3.9%	3.8%	3.8%	4.2%	4.2%	3.9%	3.9%	3.7%	3.9%	4.0%	3.9%	4.0%				3.9%
07:00:00	7.2%	7.5%	7.1%	6.8%	7.3%	7.2%	6.7%	7.0%	7.2%	7.1%	7.1%	7.1%	7.9%				7.2%
08:00:00	6.1%	6.1%	6.0%	6.0%	6.1%	6.2%	6.1%	6.2%	6.3%	6.3%	6.3%	6.2%	6.6%				6.2%
15:00:00	7.8%	7.8%	7.6%	7.3%	7.2%	7.4%	7.2%	7.3%	7.2%	7.2%	7.4%	7.6%	7.7%				7.4%
16:00:00	8.1%	8.1%	7.8%	7.7%	7.7%	7.7%	7.4%	7.5%	7.4%	7.5%	7.7%	7.9%	8.0%				7.7%
17:00:00	8.3%	8.3%	7.9%	7.7%	7.7%	7.9%	7.8%	7.7%	7.4%	7.6%	8.0%	7.8%	8.1%				7.9%
EB - D																	
06:00:00	63%	62%	62%	63%	63%	63%	64%	61%	61%	61%	61%	62%	61%				62%
07:00:00	58%	57%	57%	58%	58%	59%	59%	55%	53%	54%	55%	58%	55%				57%
08:00:00	53%	51%	52%	52%	53%	53%	53%	50%	48%	50%	51%	53%	50%				51%
15:00:00	50%	51%	52%	53%	53%	54%	53%	52%	52%	53%	52%	51%	51%				52%
16:00:00	49%	50%	51%	51%	51%	51%	49%	50%	49%	50%	50%	49%	49%				50%
17:00:00	50%	50%	50%	51%	51%	51%	50%	51%	49%	49%	49%	49%	49%				50%
WB - D																	
06:00:00	37%	38%	38%	37%	37%	37%	36%	39%	39%	39%	39%	38%	39%				38%
07:00:00	42%	43%	43%	42%	42%	41%	41%	45%	47%	46%	45%	42%	45%				43%
08:00:00	47%	49%	48%	48%	47%	47%	47%	50%	52%	50%	49%	47%	50%				49%
15:00:00	50%	49%	48%	47%	47%	46%	47%	48%	48%	47%	48%	49%	49%				48%
16:00:00	51%	50%	49%	49%	49%	49%	51%	50%	51%	50%	50%	51%	51%				50%
17:00:00	50%	50%	50%	49%	49%	49%	50%	49%	51%	51%	51%	51%	51%				50%

US 501 : SC 22 (HWY 22) TO S- 165 (CULTRA RD) - Monthly Workday Averages

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	TOTAL
Daily Total	16215	17644	20847	24019	23905	25225	25135	22483	22549	21738	19926	19290	16645	19452	20517	22557	338147
06:00:00	722	809	883	918	972	1005	935	914	917	938	857	792	789	918	940	961	14270
07:00:00	999	1152	1277	1329	1382	1394	1255	1275	1311	1307	1209	1097	1147	1303	1333	1329	20099
08:00:00	885	960	1094	1252	1260	1335	1305	1200	1227	1196	1110	1051	983	1112	1150	1234	18354
15:00:00	1202	1318	1491	1637	1674	1755	1709	1571	1609	1573	1454	1429	1224	1388	1438	1585	24057
16:00:00	1278	1376	1532	1737	1700	1722	1724	1572	1616	1594	1475	1452	1304	1478	1506	1631	24697
17:00:00	1348	1424	1585	1732	1690	1757	1763	1620	1645	1628	1522	1445	1334	1534	1551	1649	25227
NB																	
06:00:00	311	349	390	421	459	474	440	426	433	439	402	368	351	407	425	440	6535
07:00:00	421	468	534	582	623	651	591	564	589	564	525	477	471	548	558	587	8753
08:00:00	410	453	537	646	656	702	694	601	627	587	525	498	443	518	555	623	9075
15:00:00	597	628	679	742	751	786	805	724	735	705	674	663	608	670	683	728	11178
16:00:00	673	689	746	812	813	815	841	761	777	754	709	710	681	737	736	785	12039
17:00:00	751	770	794	863	851	901	912	834	835	808	778	745	733	811	808	836	13030
SB																	
06:00:00	410	460	493	498	513	531	495	488	484	498	455	424	438	512	515	521	7735
07:00:00	578	684	743	746	759	743	664	711	721	743	684	620	676	754	776	742	11344
08:00:00	474	507	557	605	604	633	612	600	600	609	585	552	540	594	595	610	9277
15:00:00	606	690	813	895	923	969	904	846	874	868	780	765	616	718	755	857	12879
16:00:00	605	687	787	925	887	907	883	811	840	840	766	741	623	740	770	847	12659
17:00:00	596	655	790	869	839	856	850	787	810	820	744	699	601	723	744	813	12196

Design Hour	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	TOTAL
AM K	38.3%	39.4%	39.2%	38.0%	38.2%	37.3%	35.9%	37.6%	37.9%	38.0%	38.1%	37.3%	39.3%	39.1%	38.9%	37.7%	38.1%
PM K	35.2%	34.6%	34.4%	33.9%	33.4%	33.6%	33.9%	34.0%	33.8%	34.0%	34.2%	33.4%	34.5%	34.9%	34.5%	33.9%	34.1%
AM NB D	42%	41%	42%	44%	45%	47%	47%	44%	45%	43%	43%	43%	41%	42%	42%	44%	44%
AM SB D	58%	59%	58%	56%	55%	53%	53%	56%	55%	57%	57%	57%	59%	58%	58%	56%	56%
PM NB D	56%	54%	50%	50%	50%	51%	52%	51%	51%	50%	51%	52%	55%	53%	52%	51%	52%
PM SB D	44%	46%	50%	50%	50%	49%	48%	49%	49%	50%	49%	48%	45%	47%	48%	49%	48%

US 501 : SC 22 (HWY 22) TO S- 165 (CULTRA RD) - Monthly Workday Averages

	2021-01	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	
Daily	16215	17644	20847	24019	23905	25225	25135	22483	22549	21738	19926	19290	16645	19452	20517	22557	338147
Total																	
06:00:00	4.5%	4.6%	4.2%	3.8%	4.1%	4.0%	3.7%	4.1%	4.1%	4.3%	4.3%	4.1%	4.7%	4.7%	4.6%	4.3%	4.2%
07:00:00	6.2%	6.5%	6.1%	5.5%	5.8%	5.5%	5.0%	5.7%	5.8%	6.0%	6.1%	5.7%	6.9%	6.7%	6.5%	5.9%	5.9%
08:00:00	5.5%	5.4%	5.2%	5.2%	5.3%	5.3%	5.2%	5.3%	5.4%	5.5%	5.6%	5.4%	5.9%	5.7%	5.6%	5.5%	5.4%
15:00:00	7.4%	7.5%	7.2%	6.8%	7.0%	7.0%	6.8%	7.0%	7.1%	7.2%	7.3%	7.4%	7.4%	7.1%	7.0%	7.0%	7.1%
16:00:00	7.9%	7.8%	7.3%	7.2%	7.1%	6.8%	6.9%	7.0%	7.2%	7.3%	7.4%	7.5%	7.8%	7.6%	7.3%	7.2%	7.3%
17:00:00	8.3%	8.1%	7.6%	7.2%	7.1%	7.0%	7.0%	7.2%	7.3%	7.5%	7.6%	7.5%	8.0%	7.9%	7.6%	7.3%	7.5%
NB																	
06:00:00	43%	43%	44%	46%	47%	47%	47%	47%	47%	47%	47%	46%	44%	44%	45%	46%	46%
07:00:00	42%	41%	42%	44%	45%	47%	47%	44%	45%	43%	43%	43%	41%	42%	42%	44%	44%
08:00:00	46%	47%	49%	52%	52%	53%	53%	50%	51%	49%	47%	47%	45%	47%	48%	51%	49%
15:00:00	50%	48%	46%	45%	45%	45%	47%	46%	46%	45%	46%	46%	50%	48%	47%	46%	46%
16:00:00	53%	50%	49%	47%	48%	47%	49%	48%	48%	47%	48%	49%	52%	50%	49%	48%	49%
17:00:00	56%	54%	50%	50%	50%	51%	52%	51%	51%	50%	51%	52%	55%	53%	52%	51%	52%
SB																	
06:00:00	57%	57%	56%	54%	53%	53%	53%	53%	53%	53%	53%	54%	56%	56%	55%	54%	54%
07:00:00	58%	59%	58%	56%	55%	53%	53%	56%	55%	57%	57%	57%	59%	58%	58%	56%	56%
08:00:00	54%	53%	51%	48%	48%	47%	47%	50%	49%	51%	53%	53%	55%	53%	52%	49%	51%
15:00:00	50%	52%	54%	55%	55%	55%	53%	54%	54%	55%	54%	54%	50%	52%	53%	54%	54%
16:00:00	47%	50%	51%	53%	52%	53%	51%	52%	52%	53%	52%	51%	48%	50%	51%	52%	51%
17:00:00	44%	46%	50%	50%	50%	49%	48%	49%	49%	50%	49%	48%	45%	47%	48%	49%	48%

Appendix B—HCS Freeway Results for 2040 Build Condition

Freeway Segments
Alternative 1
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	597	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	977	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	977	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	597	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	597	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:34:58

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	448	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	732	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	732	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	448	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	448	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:36:02

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT1_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	390	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	638	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	638	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	390	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	390	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:10:17

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT1_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	97	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	1.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	238	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	238	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	97	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	97	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	1.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:53:21

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	379	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	620	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	620	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	379	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	379	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	424	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	694	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	694	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	424	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	424	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:38:15

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	572	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.2	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	937	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	937	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	572	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	572	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.2	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:37:28

Freeway Segments
Alternative 1
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1152	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.5	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1886	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1886	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1152	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1152	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.5	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:39:33

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1090	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.6	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1783	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1783	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1090	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1090	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.6	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:40:14

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT1_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	938	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1535	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1535	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	938	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	938	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:13:13

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT1_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	428	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1051	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1051	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	428	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	428	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:54:38

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	968	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.8	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1583	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1583	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	968	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	968	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.8	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:42:15

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1110	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.9	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1817	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1817	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1110	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1110	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.9	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:41:44

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_01_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1168	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1911	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1911	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1168	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1168	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:41:17

Freeway Segments
Alternative 2
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB (US 17 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	538	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	880	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	880	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	538	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	538	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 17:55:40

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	586	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	959	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	959	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	586	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	586	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 17:56:23

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	445	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	728	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	728	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	445	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	445	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 17:57:16

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	390	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	638	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	638	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	390	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	390	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:55:26

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	97	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	1.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	239	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	239	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	97	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	97	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	1.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:56:08

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB (SC 707 to US 17)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	526	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	861	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	861	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	526	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	526	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:04:24

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	571	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.2	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	934	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	934	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	571	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	571	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.2	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:03:46

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	429	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	702	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	702	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	429	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	429	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:03:12

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	382	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	624	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	624	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	382	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	382	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:56:31

Freeway Segments
Alternative 2
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB (US 17 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	937	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1533	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1533	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	937	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	937	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:05:16

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1184	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.9	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1938	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1938	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1184	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1184	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.9	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:05:53

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1086	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.5	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1776	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1776	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1086	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1086	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.5	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:06:43

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	948	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.5	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1551	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1551	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	948	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	948	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.5	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:56:57

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	440	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.3	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1079	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1079	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	440	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	440	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.3	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:57:18

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB (SC 707 to US 17)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	962	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1574	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1574	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	962	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	962	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:11:58

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1198	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	17.1	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1961	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1961	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1198	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1198	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	17.1	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:11:34

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1106	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.8	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1810	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1810	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1106	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1106	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.8	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:11:00

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	970	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.9	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1588	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1588	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	970	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	970	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.9	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:10:35

Freeway Segments
Alternatives 3 & 5
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	564	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	924	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	924	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	564	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	564	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:52:19

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	450	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	737	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	737	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	450	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	450	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:52:50

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT3_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	374	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.3	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	613	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	613	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	374	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	374	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.3	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 13:32:29

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT3_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	94	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	1.3	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	230	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	230	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	94	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	94	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	1.3	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 13:33:11

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	370	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.3	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	605	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	605	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	370	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	370	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.3	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:54:36

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	429	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	702	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	702	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	429	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	429	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:54:11

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	550	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.9	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	899	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	899	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	550	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	550	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.9	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:53:43

Freeway Segments
Alternative 3 & 5
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1148	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1879	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1879	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1148	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1148	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:55:06

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1076	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1760	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1760	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1076	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1076	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:55:33

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT3_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	931	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.3	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1523	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1523	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	931	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	931	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.3	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 13:33:43

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT3_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	420	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.0	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1032	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1032	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	420	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	420	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.0	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 13:34:10

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	956	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1564	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1564	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	956	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	956	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:57:44

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1096	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1794	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1794	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1096	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1096	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:57:15

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_03_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1164	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.6	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1905	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1905	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1164	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1164	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.6	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

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Freeway Segments
Alternatives 4 & 6
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB (US 17 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	512	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.3	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	838	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	838	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	512	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	512	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.3	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:58:21

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	570	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	933	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	933	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	570	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	570	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 16:58:49

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	454	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	743	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	743	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	454	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	454	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:29:46

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	376	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	616	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	616	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	376	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	376	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:30:20

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_AM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	95	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	1.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	233	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	233	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	95	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	95	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	1.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:30:43

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_AM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	372	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.3	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	609	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	609	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	372	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	372	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.3	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:31:39

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	436	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.2	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	713	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	713	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	436	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	436	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.2	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:31:14

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	560	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.0	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	916	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	916	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	560	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	560	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.0	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 17:01:21

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB (SC 707 to US 17)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	524	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	858	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	858	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	524	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	524	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 17:00:54

Freeway Segments
Alternative 4 & 6
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB (US 17 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	932	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.3	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1525	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1525	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	932	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	932	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.3	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 17:03:39

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1183	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.9	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1936	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1936	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1183	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1183	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.9	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 17:04:12

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1077	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1762	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1762	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1077	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1077	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:32:07

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	940	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1539	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1539	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	940	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	940	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:22:17

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_PM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	430	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1055	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1055	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	430	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	430	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:23:00

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_PM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	959	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1569	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1569	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	959	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	959	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:33:10

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1091	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.6	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1785	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1785	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1091	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1091	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.6	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Design Analysis Table

Number of Lanes, ln	2	3	4	5
Density, pc/mi/ln	15.6	10.4	7.8	6.2
LOS	B	A	A	A

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	

Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 17:07:12

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT4_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1196	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	17.1	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1958	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1958	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1196	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1196	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	17.1	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:32:44

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_04_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB (SC 707 to US 17)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	958	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1568	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1568	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	958	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	958	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/13/2022 17:06:03

Freeway Segments
Alternative 7
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB (SC 31 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	548	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.8	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	896	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	896	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	548	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	548	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.8	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:17:44

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB (SC 544 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1068	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.3	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1748	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1748	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1068	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1068	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.3	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:18:06

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	602	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	986	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	986	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	602	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	602	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:18:24

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	490	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.0	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	802	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	802	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	490	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	490	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.0	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:18:43

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	68	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	1.0	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	167	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	167	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	68	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	68	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	1.0	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:29:05

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	498	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	814	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	814	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	498	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	498	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:20:11

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	598	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	978	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	978	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	598	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	598	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:19:50

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB (US 701 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1060	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.1	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1735	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1735	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1060	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1060	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.1	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:19:31

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB (SC 544 to SC 31)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	575	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.2	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	941	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	941	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	575	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	575	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.2	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:19:10

Freeway Segments
Alternative 7
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB (SC 31 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1151	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1883	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1883	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1151	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1151	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:20:30

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB (SC 544 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1486	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	69.1	mi/h
Density, D	21.5	pc/mi/ln
Level of Service, LOS	C	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	2432	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	2432	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1486	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1486	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	69.1	mi/h
Density, D	21.5	pc/mi/ln
Level of Service, LOS	C	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:20:48

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1026	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	14.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1678	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1678	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1026	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1026	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	14.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:21:08

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	878	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	12.5	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1437	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1437	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	878	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	878	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	12.5	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:35:56

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	315	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	4.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	774	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	774	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	315	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	315	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	4.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

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HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	909	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.0	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1487	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1487	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	909	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	909	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.0	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:22:52

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1040	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	14.9	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1702	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1702	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1040	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1040	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	14.9	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:22:32

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB (US 701 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1494	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	69.0	mi/h
Density, D	21.7	pc/mi/ln
Level of Service, LOS	C	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	2444	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	2444	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1494	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1494	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	69.0	mi/h
Density, D	21.7	pc/mi/ln
Level of Service, LOS	C	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:22:12

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT7_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB (SC 544 to SC 31)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1130	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.1	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1850	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1850	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1130	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1130	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.1	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

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Freeway Segments
Alternatives 8 & 9
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 06 NB (SC 31 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	542	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	886	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	886	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	542	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	542	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:11:28

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB (SC 544 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1069	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.3	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1749	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1749	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1069	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1069	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.3	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:11:50

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	696	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	9.9	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1139	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1139	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	696	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	696	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	9.9	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:12:07

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	457	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	748	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	748	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	457	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	457	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:12:31

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	62	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	0.9	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	152	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	152	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	62	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	62	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	0.9	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:16:28

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	462	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	6.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	756	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	756	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	462	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	462	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	6.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:13:54

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	678	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	9.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1110	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1110	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	678	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	678	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	9.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:13:38

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB (US 701 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1051	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.0	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1720	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1720	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1051	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1051	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.0	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:13:19

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB (SC 544 to SC 31)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	562	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	8.0	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	919	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	919	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	562	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	562	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	8.0	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:12:59

Freeway Segments
Alternatives 8 & 9
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB (SC 31 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1146	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1874	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1874	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1146	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1146	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:14:15

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB (SC 544 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1481	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	69.1	mi/h
Density, D	21.4	pc/mi/ln
Level of Service, LOS	C	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	2423	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	2423	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1481	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1481	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	69.1	mi/h
Density, D	21.4	pc/mi/ln
Level of Service, LOS	C	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:14:34

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1099	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1798	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1798	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1099	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1099	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:14:51

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	792	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	11.3	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1297	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1297	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	792	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	792	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	11.3	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:20:54

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	271	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	3.9	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	664	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	664	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	271	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	271	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	3.9	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:15:19

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	824	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	11.8	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1349	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1349	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	824	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	824	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	11.8	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:16:43

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1108	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.8	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1813	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1813	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1108	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1108	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.8	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:16:24

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB (US 701 to SC 544)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1486	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	69.1	mi/h
Density, D	21.5	pc/mi/ln
Level of Service, LOS	C	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	2432	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	2432	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1486	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1486	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	69.1	mi/h
Density, D	21.5	pc/mi/ln
Level of Service, LOS	C	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:15:59

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB (SC 544 to SC 31)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1122	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.0	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1836	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1836	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1122	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1122	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.0	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:15:38

Freeway Segments
Alternatives 10 & 11
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	536	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	876	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	876	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	536	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	536	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:59:49

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	392	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	641	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	641	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	392	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	392	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:00:15

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB (US 378 to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	327	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	4.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	535	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	535	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	327	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	327	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	4.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

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HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	76	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	1.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	186	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	186	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	76	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	76	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	1.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

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HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	334	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	4.8	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	546	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	546	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	334	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	334	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	4.8	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

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HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	380	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	621	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	621	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	380	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	380	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:01:21

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	515	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.4	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	843	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	843	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	515	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	515	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.4	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:01:03

Freeway Segments
Alternative 10 & 11
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1126	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.1	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1843	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1843	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1126	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1126	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.1	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:02:10

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1058	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.1	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1731	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1731	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1058	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1058	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.1	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:02:32

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB (US 378 to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	868	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	12.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1421	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1421	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	868	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	868	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	12.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:02:51

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	390	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	957	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	957	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	390	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	390	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 21:59:09

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	880	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	12.6	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1439	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1439	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	880	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	880	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	12.6	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:03:55

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1066	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.2	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1744	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1744	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1066	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1066	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.2	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:03:39

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1144	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.3	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1872	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1872	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1144	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1144	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.3	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:03:17

Freeway Segments
Alternatives 12 & 13
AM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB (US 17 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	491	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.0	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	803	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	803	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	491	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	491	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.0	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:00:36

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	539	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	882	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	882	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	539	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	539	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:01:20

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	396	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	647	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	647	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	396	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	396	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:01:58

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	328	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	4.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	537	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	537	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	328	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	328	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	4.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:02:45

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	77	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	1.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	188	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	188	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	77	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	77	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	1.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:03:33

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	337	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	4.8	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	551	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	551	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	337	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	337	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	4.8	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	382	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	625	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	625	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	382	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	382	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:04:52

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	526	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	860	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	860	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	526	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	526	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:05:30

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB (SC 707 to US 17)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	510	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	7.3	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	835	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	835	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	510	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	510	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	7.3	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:06:05

Freeway Segments
Alternative 12 & 13
PM Peak Hour

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_NB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB (US 17 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	921	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.2	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1507	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1507	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	921	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	921	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.2	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:06:39

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_NB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB (SC 707 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1161	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.6	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1900	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1900	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1161	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1161	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.6	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:07:08

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_NB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB (US 701 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1062	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.2	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1737	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1737	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1062	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1062	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.2	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:07:42

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_NB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB (US 378 to NB OFF-Ramp)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	884	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	12.6	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1446	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1446	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	884	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	884	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	12.6	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_NB_E.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB (NB OFF-Ramp to US 501)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	403	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	5.8	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Number of Lanes, N	3	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	988	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	988	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	3	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	403	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	403	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	5.8	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	2100	3428	4738	5757	6545
Service Volume, veh/h	1890	3085	4264	5182	5890
One Direction DSV, 1000 veh/day	19	31	43	52	59
Bi-Direction DSV, 1000 veh/day	34	56	78	94	107

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:09:16

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_SB_D.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB (US 501 to US 378)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	885	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	12.6	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1448	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1448	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	885	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	885	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	12.6	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:10:47

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_SB_C.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB (US 378 to US 701)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1063	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	15.2	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1739	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1739	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1063	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1063	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	15.2	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:11:29

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_SB_B.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB (US 701 to SC 707)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	1173	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	16.8	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1919	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1919	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	1173	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	1173	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	16.8	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:13:29

HCS7 Basic Freeway Segment Text Report

BASIC FREEWAY SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_SB_A.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/8/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB (SC 707 to US 17)
Units:	United States Customary

LOS and Performance Measures

Flow Rate, vp	945	pc/h/ln
Adjusted Capacity, cadj	2400	pc/h/ln
Speed, S	70.0	mi/h
Density, D	13.5	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Number of Lanes, N	2	ln
Lane Width	12	ft
Segment Length	-	ft
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Right-Side Lateral Clearance	10	ft
Total Ramp Density, TRD	0.00	ramps/mi
Demand Volume	1546	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Estimate and Adjust FFS

Estimating FFS		
Measured or Base FFS	Base	
Base Free-Flow Speed, BFFS	70.0	mi/h
Lane Width	12	ft
Lane Width Adjustment, fLW	0.0	mi/h
Right-Side Lateral Clearance	10	ft
Right-Side Lateral Clearance Adj., fRLC	0.0	mi/h
Total Ramp Density, TRD	0.00	ramps/mi
TRD Adjustment	0.0	mi/h
Free-Flow Speed, FFS	70.0	mi/h
Speed Adjustments		
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h

Step 3: Estimate and Adjust Capacity

Adjusted Free-flow Speed, FFSadj	70.0	mi/h
Capacity, c	2400	pc/h/ln
Capacity Adjustments		
Driver Population	All Familiar	
Driver Population CAF	1.000	

Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln

Step 4: Adjust Demand Volume

Demand Volume, V	1546	veh/h
Peak Hour Factor, PHF	0.90	
Number of Lanes, N	2	ln
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%
Proportion of Total Trucks, PT	0.1000	
Heavy Vehicle PCE, ET	2.000	
Heavy Vehicle Adjustment, fHV	0.909	
Demand Adjustment Factor, DAF	1.000	
Demand Flow Rate, vp	945	pc/h/ln

Steps 5 and 6: Estimate Speed and Density and Determine LOS

Demand Flow Rate, vp	945	pc/h/ln
Adjusted Free-Flow Speed, FFSadj	70.0	mi/h
Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity, cadj	2400	pc/h/ln
Breakpoint, BP	1200	pc/h/ln
Density at Capacity, Dc	45	pc/mi/ln
Mean Speed under Base Conditions, S	70.0	mi/h
Density, D	13.5	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	770	1257	1737	2111	2400
Service Flow Rate (SF), veh/h	1400	2285	3158	3838	4363
Service Volume, veh/h	1260	2057	2843	3454	3927
One Direction DSV, 1000 veh/day	13	21	28	35	39
Bi-Direction DSV, 1000 veh/day	23	37	52	63	71

Work Zone Analysis

Work Zone Type	Shoulder Closed	
Lateral Distance to Barrier, fLAT	12	ft
Barrier Type	Hard Barrier Separation	
Barrier Type Indicator, fBr	0	
Area Type	Urban Area	
Area Type Indicator, fAT	0	
Daylight or Night	Daylight	
Daylight or Night Indicator, fDN	0	
Work Zone Speed Limit, SLwz	55	mi/h
Open Lanes	1	ln
Open Ratios	0.00	
Lane Clousure Severity Index, LCSI	1.00	
Queue Discharge Rate, QDRwz	2400	pc/h/ln
Percent Drop Capacity, awz	13.0	%
Work Zone Capacity, cwz	2400	pc/h/ln
Work Zone Capacity Adj., CAFwz	1.000	
Total Ramp Density	0.00	ramps/mi
Free-Flow Speed	70.0	mi/h
Work Zone FFS, FFSwz	75.0	mi/h
Work Zone FFS Adj., SAFwz	1.000	

This Basic Freeway Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:14:19

Appendix C—HCS Merge Area Results for 2040 Build Condition

Merge Areas
Alternative 1
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.3	mi/h
Density Across All Lanes, D	12.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	976	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1435	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	976	302	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1193	369	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1193	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1562	4800	No
vR	369	2000	No
vR12	1562	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	369	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1193	pc/h
Length of Acceleration Lane, LA	1435	ft
Density in On-Ramp Influence Area, DR	8.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	7.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1435	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1193	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1193	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1562	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.239	
Average Speed in Ramp Influence Area, SR	63.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.3	mi/h
Density Across All Lanes, D	12.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	661	1162	1560	1833	-
Service Flow Rate (SF), veh/h	1202	2112	2836	3332	-
Service Volume, veh/h	1081	1901	2552	2999	-
One Direction DSV, 1000 veh/day	11	19	26	30	-
Bi-Direction DSV, 1000 veh/day	20	35	46	55	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	409	719	965	1134	-
Service Flow Rate (SF), veh/h	372	654	877	1031	-
Service Volume, veh/h	335	588	790	928	-
One Direction DSV, 1000 veh/day	3	6	8	9	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.3	12.3	8.0	7.9	6.0	5.9	4.8	4.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:20:15

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	707		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1500		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	707	260	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	864	318	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	864	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1182	4800	No
vR	318	2000	No
vR12	1182	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	318	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	864	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	864	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	864	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1182	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.229	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	654	1134	1516	1755	-
Service Flow Rate (SF), veh/h	1189	2061	2756	3190	-
Service Volume, veh/h	1070	1855	2480	2871	-
One Direction DSV, 1000 veh/day	11	19	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	481	834	1115	1291	-
Service Flow Rate (SF), veh/h	437	758	1013	1173	-
Service Volume, veh/h	394	682	912	1056	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.3	9.3	6.0	6.0	4.5	4.5	3.6	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 18:18:33

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	7.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	732	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	732	25	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	895	31	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	895	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	926	4800	No
vR	31	2000	No
vR12	926	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	31	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	895	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	5.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.2	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	895	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	895	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	926	pc/h
Number of Outer Lanes on Freeway, NO	0	ln

Speed Index for On-Ramp, MS	0.252	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	7.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1479	1340	1820	2263	2321
Service Flow Rate (SF), veh/h	2688	2435	3308	4114	4219
Service Volume, veh/h	2419	2192	2977	3703	3797
One Direction DSV, 1000 veh/day	24	22	30	37	38
Bi-Direction DSV, 1000 veh/day	44	40	54	67	69
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	101	92	124	155	159
Service Flow Rate (SF), veh/h	92	83	113	141	144
Service Volume, veh/h	83	75	102	126	130
One Direction DSV, 1000 veh/day	1	1	1	1	1

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.4	7.3	4.7	4.7	3.5	3.4	2.8	2.8
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:22:46

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	7.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	638	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	638	143	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	780	175	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	780	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	955	4800	No
vR	175	2000	No
vR12	955	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	175	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	780	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	5.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	780	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	780	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	955	pc/h
Number of Outer Lanes on Freeway, NO	0	ln

Speed Index for On-Ramp, MS	0.253	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	7.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	600	1135	1559	1930	1961
Service Flow Rate (SF), veh/h	1091	2064	2835	3508	3564
Service Volume, veh/h	982	1858	2551	3157	3208
One Direction DSV, 1000 veh/day	10	19	26	32	32
Bi-Direction DSV, 1000 veh/day	18	34	46	57	58
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	269	509	699	865	879
Service Flow Rate (SF), veh/h	245	463	635	786	799
Service Volume, veh/h	220	416	572	708	719
One Direction DSV, 1000 veh/day	2	4	6	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.6	7.5	4.9	4.8	3.7	3.6	2.9	2.9
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 18:22:31

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	1.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	408	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	408	182	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	499	222	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	499	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	721	4800	No
vR	222	4000	No
vR12	721	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	222	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	499	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	1.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	1.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	499	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	499	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	721	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.224	
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	620	1075	1437	1660	-
Service Flow Rate (SF), veh/h	1127	1955	2612	3017	-
Service Volume, veh/h	1014	1760	2351	2716	-
One Direction DSV, 1000 veh/day	10	18	24	27	-
Bi-Direction DSV, 1000 veh/day	18	32	43	49	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	277	480	641	740	-
Service Flow Rate (SF), veh/h	503	872	1165	1346	-
Service Volume, veh/h	452	785	1049	1211	-
One Direction DSV, 1000 veh/day	5	8	10	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.7	5.7	3.7	3.7	2.8	2.7	2.2	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:21:41

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	9.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	621		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	845		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	621	387	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	759	473	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	759	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1232	4800	No
vR	473	2000	No
vR12	1232	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	473	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	759	pc/h
Length of Acceleration Lane, LA	845	ft
Density in On-Ramp Influence Area, DR	9.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	845	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	759	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	759	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1232	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.275	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	9.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	388	796	1120	1402	1479
Service Flow Rate (SF), veh/h	706	1448	2035	2549	2688
Service Volume, veh/h	635	1303	1832	2295	2419
One Direction DSV, 1000 veh/day	6	13	18	23	24
Bi-Direction DSV, 1000 veh/day	12	24	33	42	44
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	484	993	1395	1748	1843
Service Flow Rate (SF), veh/h	440	902	1268	1589	1675
Service Volume, veh/h	396	812	1142	1430	1508
One Direction DSV, 1000 veh/day	4	8	11	14	15

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.9	9.7	6.4	6.3	4.7	4.7	3.8	3.8
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:03:22

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	7.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	8.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	694	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	694	220	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	848	269	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	848	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1117	4800	No
vR	269	2000	No
vR12	1117	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	269	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	848	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	7.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	6.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	848	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	848	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1117	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.255	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	8.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	560	1058	1453	1798	1822
Service Flow Rate (SF), veh/h	1018	1924	2642	3269	3313
Service Volume, veh/h	916	1732	2378	2942	2982
One Direction DSV, 1000 veh/day	9	17	24	29	30
Bi-Direction DSV, 1000 veh/day	17	31	43	53	54
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	355	671	921	1140	1155
Service Flow Rate (SF), veh/h	323	610	838	1036	1050
Service Volume, veh/h	290	549	754	933	945
One Direction DSV, 1000 veh/day	3	5	8	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.9	8.8	5.7	5.7	4.3	4.2	3.4	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:09:51

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	8.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	662	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	662	243	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	809	297	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	809	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1106	4800	No
vR	297	2000	No
vR12	1106	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	297	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	809	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	4.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.2	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	809	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	809	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1106	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.228	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	8.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	654	1135	1517	1756	-
Service Flow Rate (SF), veh/h	1189	2063	2757	3192	-
Service Volume, veh/h	1070	1857	2482	2872	-
One Direction DSV, 1000 veh/day	11	19	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	480	833	1113	1289	-
Service Flow Rate (SF), veh/h	436	757	1012	1172	-
Service Volume, veh/h	393	681	911	1054	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.7	8.7	5.6	5.6	4.2	4.2	3.4	3.3
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:25:02

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	10.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	11.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	937	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1115	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	937	275	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1145	336	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1145	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1481	4800	No
vR	336	2000	No
vR12	1481	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	336	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1145	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	10.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1145	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1145	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1481	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.260	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	11.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	567	1075	1477	1829	1855
Service Flow Rate (SF), veh/h	1031	1954	2684	3325	3373
Service Volume, veh/h	928	1759	2416	2993	3036
One Direction DSV, 1000 veh/day	9	18	24	30	30
Bi-Direction DSV, 1000 veh/day	17	32	44	54	55
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	333	631	867	1074	1089
Service Flow Rate (SF), veh/h	303	574	788	976	990
Service Volume, veh/h	272	516	709	878	891
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.8	11.7	7.6	7.5	5.7	5.6	4.5	4.5
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:30:43

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	865	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	865	159	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1057	194	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1057	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1251	4800	No
vR	194	2000	No
vR12	1251	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	194	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1057	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1057	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1057	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1251	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.230	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	751	1302	1741	2027	-
Service Flow Rate (SF), veh/h	1365	2366	3165	3686	-
Service Volume, veh/h	1228	2130	2848	3317	-
One Direction DSV, 1000 veh/day	12	21	28	33	-
Bi-Direction DSV, 1000 veh/day	22	39	52	60	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	276	479	640	745	-
Service Flow Rate (SF), veh/h	251	435	582	677	-
Service Volume, veh/h	226	391	524	610	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.8	9.8	6.4	6.3	4.8	4.7	3.8	3.8
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:34:08

Merge Areas
Alternative 1
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.8	mi/h
Density Across All Lanes, D	23.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1887	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1435	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1887	491	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2307	600	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2307	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2907	4800	No
vR	600	2000	No
vR12	2907	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	600	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2307	pc/h
Length of Acceleration Lane, LA	1435	ft
Density in On-Ramp Influence Area, DR	18.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1435	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2307	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2307	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2907	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.292	
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.8	mi/h
Density Across All Lanes, D	23.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	686	1205	1618	1904	-
Service Flow Rate (SF), veh/h	1247	2190	2942	3462	-
Service Volume, veh/h	1122	1971	2648	3116	-
One Direction DSV, 1000 veh/day	11	20	26	31	-
Bi-Direction DSV, 1000 veh/day	20	36	48	57	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	357	627	842	991	-
Service Flow Rate (SF), veh/h	325	570	766	901	-
Service Volume, veh/h	292	513	689	811	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	23.5	23.4	15.0	15.0	11.2	11.0	8.9	8.8
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:24:29

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	17.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.1	mi/h
Density Across All Lanes, D	22.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Highway/CD Roadway	
Demand Volume, V	1755	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1755	549	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2145	671	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2145	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2816	4400	No
vR	671	2000	No
vR12	2816	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4400	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4400	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	671	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2145	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	17.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2145	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2145	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2816	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.281	
Average Speed in Ramp Influence Area, SR	62.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.1	mi/h
Density Across All Lanes, D	22.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	679	1180	1575	1676	-
Service Flow Rate (SF), veh/h	1235	2146	2864	3047	-
Service Volume, veh/h	1111	1931	2578	2742	-
One Direction DSV, 1000 veh/day	11	19	26	27	-
Bi-Direction DSV, 1000 veh/day	20	35	47	50	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	425	739	986	1048	-
Service Flow Rate (SF), veh/h	386	671	896	953	-
Service Volume, veh/h	348	604	806	858	-
One Direction DSV, 1000 veh/day	3	6	8	9	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	22.7	22.7	14.5	14.5	10.8	10.7	8.7	8.5
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 11/23/2022 08:04:06

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	15.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.2	mi/h
Density Across All Lanes, D	17.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Highway/CD Roadway	
Demand Volume, V	1783	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1783	28	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2179	34	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2179	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2213	4400	No
vR	34	2000	No
vR12	2213	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4400	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4400	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	34	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2179	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	15.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	14.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2179	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2179	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2213	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.278	
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.2	mi/h
Density Across All Lanes, D	17.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	2166	-	-	-	-
Service Flow Rate (SF), veh/h	3938	-	-	-	-
Service Volume, veh/h	3544	-	-	-	-
One Direction DSV, 1000 veh/day	35	-	-	-	-
Bi-Direction DSV, 1000 veh/day	64	-	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	68	-	-	-	-
Service Flow Rate (SF), veh/h	62	-	-	-	-
Service Volume, veh/h	56	-	-	-	-
One Direction DSV, 1000 veh/day	1	-	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.8	17.6	11.4	11.3	8.4	8.3	6.7	6.6
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:25:35

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	14.6	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1535	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1535	164	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1876	200	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1876	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2076	4800	No
vR	200	2000	No
vR12	2076	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	200	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1876	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	14.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	13.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1876	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1876	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2076	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.274	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	660	1252	1716	2123	2168
Service Flow Rate (SF), veh/h	1200	2276	3119	3859	3942
Service Volume, veh/h	1080	2048	2807	3473	3548
One Direction DSV, 1000 veh/day	11	20	28	35	35
Bi-Direction DSV, 1000 veh/day	20	37	51	63	65
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	141	268	367	454	463
Service Flow Rate (SF), veh/h	128	243	333	412	421
Service Volume, veh/h	115	219	300	371	379
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.7	16.5	10.7	10.5	7.9	7.8	6.3	6.2
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 18:44:13

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1185	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1185	161	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1448	197	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1448	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1645	4800	No
vR	197	4000	No
vR12	1645	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	197	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1448	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	8.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1448	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1448	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1645	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.236	
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	780	1354	1809	2113	-
Service Flow Rate (SF), veh/h	1418	2462	3289	3841	-
Service Volume, veh/h	1277	2216	2960	3457	-
One Direction DSV, 1000 veh/day	13	22	30	35	-
Bi-Direction DSV, 1000 veh/day	23	40	54	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	106	184	246	287	-
Service Flow Rate (SF), veh/h	193	335	447	522	-
Service Volume, veh/h	173	301	402	470	-
One Direction DSV, 1000 veh/day	2	3	4	5	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.2	13.0	8.4	8.3	6.3	6.1	5.0	4.9
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:27:27

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.3	mi/h
Density Across All Lanes, D	20.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1583	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	845	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1583	506	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1935	619	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1935	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2554	4800	No
vR	619	2000	No
vR12	2554	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	619	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1935	pc/h
Length of Acceleration Lane, LA	845	ft
Density in On-Ramp Influence Area, DR	19.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	845	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1935	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1935	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2554	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.312	
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.3	mi/h
Density Across All Lanes, D	20.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	474	972	1366	1711	1819
Service Flow Rate (SF), veh/h	862	1767	2484	3110	3306
Service Volume, veh/h	775	1591	2235	2799	2976
One Direction DSV, 1000 veh/day	8	16	22	28	30
Bi-Direction DSV, 1000 veh/day	14	29	41	51	54
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	303	622	873	1094	1163
Service Flow Rate (SF), veh/h	275	565	794	994	1057
Service Volume, veh/h	248	508	715	895	951
One Direction DSV, 1000 veh/day	2	5	7	9	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.8	20.4	13.3	13.1	9.8	9.6	7.8	7.7
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:04:46

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1817	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1817	388	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2221	474	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2221	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2695	4800	No
vR	474	2000	No
vR12	2695	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	474	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2221	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	19.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2221	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2221	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2695	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.300	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	606	1145	1572	1946	1978
Service Flow Rate (SF), veh/h	1103	2082	2858	3537	3595
Service Volume, veh/h	992	1873	2572	3184	3236
One Direction DSV, 1000 veh/day	10	19	26	32	32
Bi-Direction DSV, 1000 veh/day	18	34	47	58	59
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	259	489	671	831	845
Service Flow Rate (SF), veh/h	235	445	610	755	768
Service Volume, veh/h	212	400	549	680	691
One Direction DSV, 1000 veh/day	2	4	5	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.9	21.6	13.9	13.8	10.3	10.2	8.2	8.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:12:06

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1706		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1500		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1706	459	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2085	561	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2085	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2646	4800	No
vR	561	2000	No
vR12	2646	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	561	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2085	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	16.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2085	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2085	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2646	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.271	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	702	1219	1628	1891	-
Service Flow Rate (SF), veh/h	1277	2216	2960	3438	-
Service Volume, veh/h	1149	1995	2664	3094	-
One Direction DSV, 1000 veh/day	11	20	27	31	-
Bi-Direction DSV, 1000 veh/day	21	36	48	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	378	656	876	1018	-
Service Flow Rate (SF), veh/h	344	596	796	925	-
Service Volume, veh/h	309	537	717	833	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.2	21.2	13.6	13.6	10.2	10.0	8.1	8.0
LOS	B	B	B	A	B	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	32.1	pc/mi/ln
Level of Service, LOS	D	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	54.1	mi/h
Density Across All Lanes, D	40.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1911	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1115	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1911	1706	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2336	2085	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2336	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	4421	4800	No
vR	2085	2000	Yes
vR12	4421	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	2085	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2336	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	32.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	29.2	veh/mi/ln
Level of Service, LOS	D	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2336	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2336	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	4421	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.567	
Average Speed in Ramp Influence Area, SR	54.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	54.1	mi/h
Density Across All Lanes, D	40.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	394	746	1024	1120	-
Service Flow Rate (SF), veh/h	716	1356	1862	2036	-
Service Volume, veh/h	644	1220	1676	1833	-
One Direction DSV, 1000 veh/day	6	12	17	18	-
Bi-Direction DSV, 1000 veh/day	12	22	30	33	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	703	1332	1828	2000	-
Service Flow Rate (SF), veh/h	639	1210	1662	1818	-
Service Volume, veh/h	575	1089	1496	1636	-
One Direction DSV, 1000 veh/day	6	11	15	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	40.9	40.3	24.1	23.7	17.4	17.3	13.9	13.8
LOS	D	D	C	C	C	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:32:26

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	15.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	19.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1701		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1500		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1701	326	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2079	398	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2079	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2477	4800	No
vR	398	2000	No
vR12	2477	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	398	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2079	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	15.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	13.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2079	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2079	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2477	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.262	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	19.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	746	1295	1730	2014	-
Service Flow Rate (SF), veh/h	1356	2355	3144	3661	-
Service Volume, veh/h	1221	2119	2830	3295	-
One Direction DSV, 1000 veh/day	12	21	28	33	-
Bi-Direction DSV, 1000 veh/day	22	39	51	60	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	286	497	663	772	-
Service Flow Rate (SF), veh/h	260	451	603	702	-
Service Volume, veh/h	234	406	542	632	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.8	19.8	12.7	12.7	9.5	9.3	7.6	7.4
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/17/2022 22:35:17

Merge Areas
Alternative 2
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	11.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	14.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	959		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1285		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	959	493	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1172	603	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1172	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1775	4800	No
vR	603	2000	No
vR12	1775	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	603	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1172	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	11.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	10.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1172	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1172	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1775	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.254	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	14.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	534	971	1317	1585	-
Service Flow Rate (SF), veh/h	971	1765	2394	2882	-
Service Volume, veh/h	874	1588	2154	2594	-
One Direction DSV, 1000 veh/day	9	16	22	26	-
Bi-Direction DSV, 1000 veh/day	16	29	39	47	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	549	998	1354	1630	-
Service Flow Rate (SF), veh/h	499	907	1230	1481	-
Service Volume, veh/h	449	816	1107	1333	-
One Direction DSV, 1000 veh/day	4	8	11	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	14.1	14.0	9.1	9.1	6.8	6.7	5.5	5.4
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:29:26

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	703		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1500		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	703	262	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	859	320	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	859	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1179	4800	No
vR	320	2000	No
vR12	1179	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	320	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	859	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	859	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	859	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1179	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.229	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	651	1130	1510	1748	-
Service Flow Rate (SF), veh/h	1183	2055	2745	3179	-
Service Volume, veh/h	1065	1849	2471	2861	-
One Direction DSV, 1000 veh/day	11	18	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	485	843	1126	1303	-
Service Flow Rate (SF), veh/h	441	766	1023	1185	-
Service Volume, veh/h	397	689	921	1066	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.3	9.3	6.0	6.0	4.5	4.4	3.6	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:31:31

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	7.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	728	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	728	25	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	890	31	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	890	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	921	4800	No
vR	31	2000	No
vR12	921	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	31	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	890	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	5.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.2	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	890	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	890	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	921	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.252	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	7.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1471	1340	1820	2263	2320
Service Flow Rate (SF), veh/h	2673	2435	3309	4114	4218
Service Volume, veh/h	2406	2192	2978	3703	3797
One Direction DSV, 1000 veh/day	24	22	30	37	38
Bi-Direction DSV, 1000 veh/day	44	40	54	67	69
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	101	92	125	155	159
Service Flow Rate (SF), veh/h	92	84	114	141	145
Service Volume, veh/h	83	75	102	127	130
One Direction DSV, 1000 veh/day	1	1	1	1	1

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.3	7.2	4.7	4.6	3.5	3.4	2.8	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:32:33

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	7.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	638	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	638	142	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	780	174	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	780	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	954	4800	No
vR	174	2000	No
vR12	954	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	174	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	780	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	5.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	780	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	780	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	954	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.253	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	7.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	602	1137	1561	1933	1963
Service Flow Rate (SF), veh/h	1095	2067	2837	3514	3569
Service Volume, veh/h	985	1860	2553	3163	3212
One Direction DSV, 1000 veh/day	10	19	26	32	32
Bi-Direction DSV, 1000 veh/day	18	34	46	58	58
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	268	506	695	860	874
Service Flow Rate (SF), veh/h	244	460	631	782	794
Service Volume, veh/h	219	414	568	704	715
One Direction DSV, 1000 veh/day	2	4	6	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.6	7.5	4.9	4.8	3.6	3.6	2.9	2.9
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:33:39

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	1.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	409	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	409	182	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	500	222	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	500	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	722	4800	No
vR	222	4000	No
vR12	722	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	222	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	500	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	1.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	1.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	500	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	500	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	722	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.224	
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	620	1076	1438	1661	-
Service Flow Rate (SF), veh/h	1128	1956	2614	3020	-
Service Volume, veh/h	1015	1760	2353	2718	-
One Direction DSV, 1000 veh/day	10	18	24	27	-
Bi-Direction DSV, 1000 veh/day	18	32	43	49	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	276	479	640	739	-
Service Flow Rate (SF), veh/h	502	870	1163	1344	-
Service Volume, veh/h	452	783	1047	1209	-
One Direction DSV, 1000 veh/day	5	8	10	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.7	5.7	3.7	3.7	2.8	2.7	2.2	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:38:34

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	9.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	624	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	845	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	624	386	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	763	472	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	763	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1235	4800	No
vR	472	2000	No
vR12	1235	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	472	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	763	pc/h
Length of Acceleration Lane, LA	845	ft
Density in On-Ramp Influence Area, DR	9.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	845	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	763	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	763	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1235	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.275	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	9.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	390	799	1123	1406	1483
Service Flow Rate (SF), veh/h	708	1453	2041	2556	2696
Service Volume, veh/h	637	1307	1837	2301	2426
One Direction DSV, 1000 veh/day	6	13	18	23	24
Bi-Direction DSV, 1000 veh/day	12	24	33	42	44
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	482	989	1389	1740	1834
Service Flow Rate (SF), veh/h	438	899	1263	1581	1668
Service Volume, veh/h	394	809	1136	1423	1501
One Direction DSV, 1000 veh/day	4	8	11	14	15

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.9	9.7	6.4	6.3	4.8	4.7	3.8	3.8
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:42:01

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	7.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	702		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1120		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	702	223	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	858	273	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	858	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1131	4800	No
vR	273	2000	No
vR12	1131	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	273	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	7.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	6.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	858	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1131	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.255	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	559	1058	1452	1798	1821
Service Flow Rate (SF), veh/h	1016	1923	2641	3269	3311
Service Volume, veh/h	914	1731	2377	2942	2980
One Direction DSV, 1000 veh/day	9	17	24	29	30
Bi-Direction DSV, 1000 veh/day	17	31	43	53	54
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	355	672	923	1142	1157
Service Flow Rate (SF), veh/h	323	611	839	1038	1052
Service Volume, veh/h	290	550	755	935	947
One Direction DSV, 1000 veh/day	3	5	8	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.0	8.9	5.8	5.7	4.3	4.3	3.5	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:43:08

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	8.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	669	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	669	246	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	818	301	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	818	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1119	4800	No
vR	301	2000	No
vR12	1119	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	301	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	818	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	4.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	818	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	818	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1119	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.228	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	8.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	654	1134	1516	1755	-
Service Flow Rate (SF), veh/h	1189	2062	2756	3190	-
Service Volume, veh/h	1070	1856	2480	2871	-
One Direction DSV, 1000 veh/day	11	19	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	481	834	1115	1290	-
Service Flow Rate (SF), veh/h	437	758	1013	1173	-
Service Volume, veh/h	394	682	912	1056	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.8	8.8	5.7	5.7	4.3	4.2	3.4	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:47:16

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	11.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	934		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1115		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	934	265	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1142	324	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1142	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1466	4800	No
vR	324	2000	No
vR12	1466	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	324	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1142	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	9.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1142	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1142	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1466	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.260	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	11.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	573	1083	1489	1842	1870
Service Flow Rate (SF), veh/h	1041	1969	2707	3348	3399
Service Volume, veh/h	937	1772	2436	3013	3059
One Direction DSV, 1000 veh/day	9	18	24	30	31
Bi-Direction DSV, 1000 veh/day	17	32	44	55	56
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	325	615	845	1045	1061
Service Flow Rate (SF), veh/h	295	559	768	950	964
Service Volume, veh/h	266	503	691	855	868
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.7	11.5	7.5	7.4	5.6	5.5	4.5	4.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:48:03

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	7.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.5	mi/h
Density Across All Lanes, D	11.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	861	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	861	367	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1052	449	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1052	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1501	4800	No
vR	449	2000	No
vR12	1501	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	449	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1052	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	7.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	6.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1052	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1052	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1501	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.233	
Average Speed in Ramp Influence Area, SR	63.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.5	mi/h
Density Across All Lanes, D	11.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	628	1090	1456	1683	-
Service Flow Rate (SF), veh/h	1141	1981	2646	3059	-
Service Volume, veh/h	1027	1783	2382	2753	-
One Direction DSV, 1000 veh/day	10	18	24	28	-
Bi-Direction DSV, 1000 veh/day	19	32	43	50	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	535	929	1241	1435	-
Service Flow Rate (SF), veh/h	486	844	1128	1304	-
Service Volume, veh/h	438	760	1015	1174	-
One Direction DSV, 1000 veh/day	4	8	10	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.8	11.8	7.7	7.7	5.8	5.7	4.6	4.5
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:49:03

Merge Areas
Alternative 2
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.6	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	23.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1938		veh/h
Peak Hour Factor, PHF	0.90		

Ramp Data

Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1285		ft
Length of Second Acceleration Lane, LA2	-		ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1938	403	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2369	493	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2369	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2862	4800	No
vR	493	2000	No
vR12	2862	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	493	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2369	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	19.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2369	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2369	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2862	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.299	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	23.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	664	1206	1633	1987	-
Service Flow Rate (SF), veh/h	1206	2192	2970	3612	-
Service Volume, veh/h	1086	1973	2673	3251	-
One Direction DSV, 1000 veh/day	11	20	27	33	-
Bi-Direction DSV, 1000 veh/day	20	36	49	59	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	276	502	679	826	-
Service Flow Rate (SF), veh/h	251	456	618	751	-
Service Volume, veh/h	226	410	556	676	-
One Direction DSV, 1000 veh/day	2	4	6	7	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	23.2	23.1	14.8	14.7	11.0	10.8	8.8	8.6
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:50:27

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.7	mi/h
Density Across All Lanes, D	17.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1551	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	800	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1551	166	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1896	203	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1896	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2099	4800	No
vR	203	2000	No
vR12	2099	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	203	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1896	pc/h
Length of Acceleration Lane, LA	800	ft
Density in On-Ramp Influence Area, DR	16.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	800	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1896	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1896	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2099	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.297	
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.7	mi/h
Density Across All Lanes, D	17.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	547	1135	1599	2005	2168
Service Flow Rate (SF), veh/h	994	2064	2908	3646	3941
Service Volume, veh/h	894	1857	2617	3281	3547
One Direction DSV, 1000 veh/day	9	19	26	33	35
Bi-Direction DSV, 1000 veh/day	16	34	48	60	64
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	117	243	342	429	464
Service Flow Rate (SF), veh/h	106	221	311	390	422
Service Volume, veh/h	96	199	280	351	380
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.0	16.6	10.8	10.7	8.0	7.8	6.4	6.3
LOS	B	B	B	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:54:37

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	13.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1211	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1211	156	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1480	191	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1480	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1671	4800	No
vR	191	4000	No
vR12	1671	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	191	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1480	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	9.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1480	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1480	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1671	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.237	
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	13.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	788	1364	1821	2126	-
Service Flow Rate (SF), veh/h	1432	2480	3310	3865	-
Service Volume, veh/h	1289	2232	2979	3479	-
One Direction DSV, 1000 veh/day	13	22	30	35	-
Bi-Direction DSV, 1000 veh/day	23	41	54	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	102	176	235	274	-
Service Flow Rate (SF), veh/h	185	320	426	498	-
Service Volume, veh/h	166	288	384	448	-
One Direction DSV, 1000 veh/day	2	3	4	4	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.4	13.2	8.6	8.5	6.4	6.2	5.1	5.0
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:56:37

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	17.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.2	mi/h
Density Across All Lanes, D	22.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Highway/CD Roadway	
Demand Volume, V	1749	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1749	515	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2138	630	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2138	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2768	4400	No
vR	630	2000	No
vR12	2768	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4400	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4400	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	630	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2138	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	17.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2138	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2138	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2768	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.278	
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.2	mi/h
Density Across All Lanes, D	22.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	689	1195	1597	1700	-
Service Flow Rate (SF), veh/h	1253	2173	2904	3090	-
Service Volume, veh/h	1128	1956	2613	2781	-
One Direction DSV, 1000 veh/day	11	20	26	28	-
Bi-Direction DSV, 1000 veh/day	21	36	48	51	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	406	704	941	1001	-
Service Flow Rate (SF), veh/h	369	640	855	910	-
Service Volume, veh/h	332	576	770	819	-
One Direction DSV, 1000 veh/day	3	6	8	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	22.3	22.3	14.2	14.2	10.6	10.5	8.5	8.4
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:51:50

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	15.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.2	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1776		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1120		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1776	27	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2171	33	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2171	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2204	4800	No
vR	33	2000	No
vR12	2204	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	33	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2171	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	15.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	14.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2171	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2171	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2204	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.278	
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.2	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	2364	-	-	-	-
Service Flow Rate (SF), veh/h	4298	-	-	-	-
Service Volume, veh/h	3868	-	-	-	-
One Direction DSV, 1000 veh/day	39	-	-	-	-
Bi-Direction DSV, 1000 veh/day	70	-	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	72	-	-	-	-
Service Flow Rate (SF), veh/h	65	-	-	-	-
Service Volume, veh/h	59	-	-	-	-
One Direction DSV, 1000 veh/day	1	-	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.7	17.5	11.3	11.2	8.4	8.2	6.7	6.5
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:52:46

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.3	mi/h
Density Across All Lanes, D	20.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1588	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	845	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1588	508	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1941	621	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1941	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2562	4800	No
vR	621	2000	No
vR12	2562	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	621	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1941	pc/h
Length of Acceleration Lane, LA	845	ft
Density in On-Ramp Influence Area, DR	19.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	845	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1941	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1941	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2562	pc/h
Number of Outer Lanes on Freeway, NO	0	ln

Speed Index for On-Ramp, MS	0.312	
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.3	mi/h
Density Across All Lanes, D	20.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	474	971	1366	1710	1818
Service Flow Rate (SF), veh/h	861	1766	2484	3109	3306
Service Volume, veh/h	775	1589	2236	2798	2975
One Direction DSV, 1000 veh/day	8	16	22	28	30
Bi-Direction DSV, 1000 veh/day	14	29	41	51	54
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	303	622	874	1094	1163
Service Flow Rate (SF), veh/h	275	565	795	995	1057
Service Volume, veh/h	248	508	715	895	952
One Direction DSV, 1000 veh/day	2	5	7	9	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.9	20.5	13.3	13.1	9.8	9.7	7.8	7.7
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:58:07

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1810	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1810	395	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2212	483	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2212	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2695	4800	No
vR	483	2000	No
vR12	2695	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	483	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2212	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	19.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2212	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2212	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2695	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.300	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	603	1140	1567	1939	1970
Service Flow Rate (SF), veh/h	1095	2072	2849	3524	3582
Service Volume, veh/h	986	1865	2564	3172	3223
One Direction DSV, 1000 veh/day	10	19	26	32	32
Bi-Direction DSV, 1000 veh/day	18	34	47	58	59
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	263	498	684	846	860
Service Flow Rate (SF), veh/h	239	452	622	769	782
Service Volume, veh/h	215	407	560	692	703
One Direction DSV, 1000 veh/day	2	4	6	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.9	21.6	13.9	13.8	10.3	10.2	8.2	8.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 22:59:09

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	21.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1729	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1729	465	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2113	568	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2113	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2681	4800	No
vR	568	2000	No
vR12	2681	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	568	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2113	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	16.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2113	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2113	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2681	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.273	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	21.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	703	1220	1628	1891	-
Service Flow Rate (SF), veh/h	1278	2217	2960	3438	-
Service Volume, veh/h	1150	1996	2664	3095	-
One Direction DSV, 1000 veh/day	11	20	27	31	-
Bi-Direction DSV, 1000 veh/day	21	36	48	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	378	656	876	1017	-
Service Flow Rate (SF), veh/h	344	596	796	925	-
Service Volume, veh/h	309	537	716	832	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.5	21.5	13.8	13.7	10.3	10.1	8.2	8.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:00:13

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1961	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1115	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1961	232	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2397	284	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2397	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2681	4800	No
vR	284	2000	No
vR12	2681	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	284	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2397	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	19.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2397	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2397	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2681	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.300	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	655	1236	1697	2099	2146
Service Flow Rate (SF), veh/h	1191	2247	3085	3816	3902
Service Volume, veh/h	1072	2023	2777	3435	3511
One Direction DSV, 1000 veh/day	11	20	28	34	35
Bi-Direction DSV, 1000 veh/day	19	37	50	62	64
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	155	293	402	497	508
Service Flow Rate (SF), veh/h	141	266	365	452	462
Service Volume, veh/h	127	239	329	406	415
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.8	21.5	13.9	13.7	10.2	10.1	8.2	8.0
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:01:14

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.9	mi/h
Density Across All Lanes, D	22.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1574	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1295	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1574	655	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1924	801	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1924	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2725	4800	No
vR	801	2000	No
vR12	2725	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	801	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1924	pc/h
Length of Acceleration Lane, LA	1295	ft
Density in On-Ramp Influence Area, DR	18.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1295	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1924	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1924	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2725	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.290	
Average Speed in Ramp Influence Area, SR	61.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.9	mi/h
Density Across All Lanes, D	22.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	573	1038	1406	1695	-
Service Flow Rate (SF), veh/h	1042	1886	2556	3081	-
Service Volume, veh/h	938	1698	2301	2773	-
One Direction DSV, 1000 veh/day	9	17	23	28	-
Bi-Direction DSV, 1000 veh/day	17	31	42	50	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	477	864	1170	1410	-
Service Flow Rate (SF), veh/h	434	785	1064	1282	-
Service Volume, veh/h	390	706	957	1154	-
One Direction DSV, 1000 veh/day	4	7	10	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	22.0	21.9	14.1	14.0	10.5	10.3	8.4	8.3
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 11/23/2022 08:13:20

Merge Areas
Alternatives 3 & 5
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	10.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	14.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	924	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1435	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	924	547	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1129	669	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1129	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1798	4800	No
vR	669	2000	No
vR12	1798	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	669	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1129	pc/h
Length of Acceleration Lane, LA	1435	ft
Density in On-Ramp Influence Area, DR	10.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1435	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1129	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1129	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1798	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.244	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	14.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	548	964	1293	1508	-
Service Flow Rate (SF), veh/h	997	1752	2351	2741	-
Service Volume, veh/h	897	1577	2116	2467	-
One Direction DSV, 1000 veh/day	9	16	21	25	-
Bi-Direction DSV, 1000 veh/day	16	29	38	45	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	649	1141	1531	1785	-
Service Flow Rate (SF), veh/h	590	1037	1392	1622	-
Service Volume, veh/h	531	933	1253	1460	-
One Direction DSV, 1000 veh/day	5	9	13	15	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	14.2	14.2	9.2	9.2	6.9	6.8	5.5	5.5
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:07:31

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	708	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	708	274	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	865	335	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	865	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1200	4800	No
vR	335	2000	No
vR12	1200	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	335	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	865	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	865	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	865	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1200	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.229	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	645	1119	1495	1730	-
Service Flow Rate (SF), veh/h	1172	2034	2718	3146	-
Service Volume, veh/h	1055	1831	2447	2831	-
One Direction DSV, 1000 veh/day	11	18	24	28	-
Bi-Direction DSV, 1000 veh/day	19	33	44	51	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	499	866	1157	1339	-
Service Flow Rate (SF), veh/h	454	787	1052	1217	-
Service Volume, veh/h	408	708	947	1096	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.4	9.4	6.1	6.1	4.6	4.5	3.7	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:09:07

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.1	mi/h
Density Across All Lanes, D	7.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	613	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1210	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	613	129	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	749	158	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	749	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	907	4800	No
vR	158	2000	No
vR12	907	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	158	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	749	pc/h
Length of Acceleration Lane, LA	1210	ft
Density in On-Ramp Influence Area, DR	5.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1210	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	749	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	749	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	907	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.246	
Average Speed in Ramp Influence Area, SR	63.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.1	mi/h
Density Across All Lanes, D	7.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	637	1178	1606	1981	1983
Service Flow Rate (SF), veh/h	1158	2142	2920	3602	3605
Service Volume, veh/h	1042	1928	2628	3242	3244
One Direction DSV, 1000 veh/day	10	19	26	32	32
Bi-Direction DSV, 1000 veh/day	19	35	48	59	59
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	268	496	676	834	835
Service Flow Rate (SF), veh/h	244	451	615	758	759
Service Volume, veh/h	219	406	553	682	683
One Direction DSV, 1000 veh/day	2	4	6	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.2	7.1	4.6	4.6	3.5	3.4	2.8	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:11:42

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_03_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	7.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	7.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	613	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	800	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	613	129	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	749	158	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	749	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	907	4800	No
vR	158	2000	No
vR12	907	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	158	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	749	pc/h
Length of Acceleration Lane, LA	800	ft
Density in On-Ramp Influence Area, DR	7.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	6.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	800	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	749	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	749	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	907	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.275	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	7.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	499	1039	1467	1843	1983
Service Flow Rate (SF), veh/h	907	1890	2668	3351	3605
Service Volume, veh/h	816	1701	2401	3016	3244
One Direction DSV, 1000 veh/day	8	17	24	30	32
Bi-Direction DSV, 1000 veh/day	15	31	44	55	59
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	210	438	618	776	835
Service Flow Rate (SF), veh/h	191	398	561	705	759
Service Volume, veh/h	172	358	505	635	683
One Direction DSV, 1000 veh/day	2	4	5	6	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.3	7.1	4.7	4.6	3.5	3.4	2.8	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 6/10/2022 21:05:43

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	1.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	411	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	411	184	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	502	225	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	502	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	727	4800	No
vR	225	4000	No
vR12	727	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	225	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	502	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	1.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	1.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	502	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	502	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	727	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.224	
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	619	1074	1435	1658	-
Service Flow Rate (SF), veh/h	1125	1952	2609	3014	-
Service Volume, veh/h	1012	1757	2348	2713	-
One Direction DSV, 1000 veh/day	10	18	23	27	-
Bi-Direction DSV, 1000 veh/day	18	32	43	49	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	277	481	643	742	-
Service Flow Rate (SF), veh/h	504	874	1168	1349	-
Service Volume, veh/h	453	787	1051	1214	-
One Direction DSV, 1000 veh/day	5	8	11	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.8	5.7	3.8	3.7	2.8	2.7	2.2	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:13:05

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	9.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	605	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	605	377	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	740	461	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	740	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1201	4800	No
vR	461	2000	No
vR12	1201	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	461	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	740	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	9.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	740	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	740	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1201	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.274	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	9.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	391	799	1122	1405	1479
Service Flow Rate (SF), veh/h	710	1452	2040	2555	2688
Service Volume, veh/h	639	1307	1836	2299	2419
One Direction DSV, 1000 veh/day	6	13	18	23	24
Bi-Direction DSV, 1000 veh/day	12	24	33	42	44
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	487	996	1398	1751	1843
Service Flow Rate (SF), veh/h	443	905	1271	1592	1675
Service Volume, veh/h	398	814	1144	1433	1508
One Direction DSV, 1000 veh/day	4	8	11	14	15

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.6	9.4	6.2	6.1	4.6	4.6	3.7	3.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:14:29

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	7.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	9.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	702		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1120		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	702	236	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	858	288	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	858	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1146	4800	No
vR	288	2000	No
vR12	1146	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	288	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	7.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	6.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	858	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1146	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.255	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	9.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	552	1043	1433	1775	1796
Service Flow Rate (SF), veh/h	1003	1897	2605	3227	3265
Service Volume, veh/h	903	1707	2345	2904	2939
One Direction DSV, 1000 veh/day	9	17	23	29	29
Bi-Direction DSV, 1000 veh/day	16	31	43	53	53
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	371	702	964	1193	1208
Service Flow Rate (SF), veh/h	337	638	876	1085	1098
Service Volume, veh/h	304	574	788	976	988
One Direction DSV, 1000 veh/day	3	6	8	10	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.1	9.0	5.9	5.8	4.4	4.3	3.5	3.5
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:15:19

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	8.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	653	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	653	243	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	798	297	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	798	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1095	4800	No
vR	297	2000	No
vR12	1095	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	297	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	798	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	4.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	798	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	798	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1095	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.228	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	8.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	652	1131	1511	1749	-
Service Flow Rate (SF), veh/h	1185	2056	2747	3180	-
Service Volume, veh/h	1066	1850	2472	2862	-
One Direction DSV, 1000 veh/day	11	18	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	485	842	1125	1302	-
Service Flow Rate (SF), veh/h	441	765	1022	1183	-
Service Volume, veh/h	397	688	920	1065	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.6	8.6	5.6	5.6	4.2	4.1	3.4	3.3
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:18:06

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	11.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	899	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1115	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	899	246	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1099	301	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1099	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1400	4800	No
vR	301	2000	No
vR12	1400	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	301	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1099	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	9.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1099	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1099	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1400	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.259	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	11.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	577	1092	1500	1857	1884
Service Flow Rate (SF), veh/h	1050	1985	2726	3376	3426
Service Volume, veh/h	945	1786	2453	3038	3083
One Direction DSV, 1000 veh/day	9	18	25	30	31
Bi-Direction DSV, 1000 veh/day	17	32	45	55	56
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	316	598	821	1016	1031
Service Flow Rate (SF), veh/h	287	543	746	924	937
Service Volume, veh/h	259	489	671	831	844
One Direction DSV, 1000 veh/day	3	5	7	8	8

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.2	11.0	7.2	7.1	5.4	5.3	4.3	4.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:19:11

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_AM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	845	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	845	161	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1033	197	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1033	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1230	4800	No
vR	197	2000	No
vR12	1230	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	197	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1033	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1033	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1033	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1230	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.229	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	745	1295	1729	2016	-
Service Flow Rate (SF), veh/h	1355	2354	3144	3665	-
Service Volume, veh/h	1219	2119	2830	3298	-
One Direction DSV, 1000 veh/day	12	21	28	33	-
Bi-Direction DSV, 1000 veh/day	22	39	51	60	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	284	494	659	768	-
Service Flow Rate (SF), veh/h	258	449	599	698	-
Service Volume, veh/h	232	404	539	628	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.7	9.7	6.2	6.2	4.7	4.6	3.8	3.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:20:21

Merge Areas
Alternative 3 & 5
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	24.8	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	59.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	59.4	mi/h
Density Across All Lanes, D	31.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1879	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1435	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1879	1149	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2297	1404	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2297	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3701	4800	No
vR	1404	2000	No
vR12	3701	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1404	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2297	pc/h
Length of Acceleration Lane, LA	1435	ft
Density in On-Ramp Influence Area, DR	24.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	22.5	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1435	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2297	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2297	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3701	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.378	
Average Speed in Ramp Influence Area, SR	59.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	59.4	mi/h
Density Across All Lanes, D	31.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	541	953	1278	1489	-
Service Flow Rate (SF), veh/h	984	1733	2324	2708	-
Service Volume, veh/h	886	1559	2091	2437	-
One Direction DSV, 1000 veh/day	9	16	21	24	-
Bi-Direction DSV, 1000 veh/day	16	28	38	44	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	662	1166	1563	1821	-
Service Flow Rate (SF), veh/h	602	1059	1421	1656	-
Service Volume, veh/h	542	953	1279	1490	-
One Direction DSV, 1000 veh/day	5	10	13	15	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	31.2	31.1	19.5	19.3	14.3	14.2	11.5	11.4
LOS	C	C	B	B	B	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:21:25

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	17.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	22.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Highway/CD Roadway	
Demand Volume, V	1725	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1725	515	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2109	630	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2109	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2739	4400	No
vR	630	2000	No
vR12	2739	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4400	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4400	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	630	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2109	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	17.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2109	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2109	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2739	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.276	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	22.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	687	1192	1593	1694	-
Service Flow Rate (SF), veh/h	1248	2166	2896	3080	-
Service Volume, veh/h	1123	1950	2606	2772	-
One Direction DSV, 1000 veh/day	11	19	26	28	-
Bi-Direction DSV, 1000 veh/day	20	35	47	50	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	410	712	951	1012	-
Service Flow Rate (SF), veh/h	373	647	864	920	-
Service Volume, veh/h	335	582	778	828	-
One Direction DSV, 1000 veh/day	3	6	8	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	22.0	22.0	14.1	14.1	10.5	10.4	8.4	8.3
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 13:59:13

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	20.2	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.4	mi/h
Density Across All Lanes, D	23.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1760	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1760	550	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2151	672	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2151	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2823	4800	No
vR	672	2000	No
vR12	2823	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	672	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2151	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	20.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.4	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2151	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2151	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2823	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.308	
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.4	mi/h
Density Across All Lanes, D	23.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	562	1062	1459	1805	1829
Service Flow Rate (SF), veh/h	1021	1931	2653	3281	3324
Service Volume, veh/h	919	1738	2388	2953	2992
One Direction DSV, 1000 veh/day	9	17	24	30	30
Bi-Direction DSV, 1000 veh/day	17	32	43	54	54
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	351	664	912	1128	1143
Service Flow Rate (SF), veh/h	319	604	829	1025	1039
Service Volume, veh/h	287	543	746	923	935
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	23.0	22.7	14.7	14.5	10.8	10.7	8.7	8.5
LOS	C	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:23:33

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	14.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.5	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1523	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1210	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1523	185	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1862	226	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1862	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2088	4800	No
vR	226	2000	No
vR12	2088	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	226	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1862	pc/h
Length of Acceleration Lane, LA	1210	ft
Density in On-Ramp Influence Area, DR	14.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	12.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1210	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1862	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1862	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2088	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.268	
Average Speed in Ramp Influence Area, SR	62.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.5	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	687	1266	1728	2128	2140
Service Flow Rate (SF), veh/h	1250	2301	3141	3869	3891
Service Volume, veh/h	1125	2071	2827	3482	3502
One Direction DSV, 1000 veh/day	11	21	28	35	35
Bi-Direction DSV, 1000 veh/day	20	38	51	63	64
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	167	308	420	517	520
Service Flow Rate (SF), veh/h	152	280	382	470	473
Service Volume, veh/h	137	252	343	423	425
One Direction DSV, 1000 veh/day	1	3	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.7	16.5	10.7	10.6	8.0	7.8	6.4	6.3
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:24:32

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1180	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1180	161	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1442	197	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1442	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1639	4800	No
vR	197	4000	No
vR12	1639	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	197	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1442	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	8.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1442	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1442	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1639	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.236	
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	781	1354	1808	2112	-
Service Flow Rate (SF), veh/h	1419	2462	3287	3839	-
Service Volume, veh/h	1277	2216	2958	3455	-
One Direction DSV, 1000 veh/day	13	22	30	35	-
Bi-Direction DSV, 1000 veh/day	23	40	54	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	107	185	247	288	-
Service Flow Rate (SF), veh/h	194	336	448	524	-
Service Volume, veh/h	174	302	404	471	-
One Direction DSV, 1000 veh/day	2	3	4	5	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.1	12.9	8.4	8.3	6.2	6.1	5.0	4.9
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:25:50

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.3	mi/h
Density Across All Lanes, D	20.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1564	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1564	510	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1912	623	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1912	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2535	4800	No
vR	623	2000	No
vR12	2535	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	623	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1912	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	19.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1912	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1912	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2535	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.310	
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.3	mi/h
Density Across All Lanes, D	20.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	475	970	1362	1706	1810
Service Flow Rate (SF), veh/h	864	1763	2476	3101	3290
Service Volume, veh/h	778	1587	2228	2791	2961
One Direction DSV, 1000 veh/day	8	16	22	28	30
Bi-Direction DSV, 1000 veh/day	14	29	41	51	54
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	310	633	888	1112	1180
Service Flow Rate (SF), veh/h	282	575	807	1011	1073
Service Volume, veh/h	254	517	727	910	966
One Direction DSV, 1000 veh/day	3	5	7	9	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.7	20.2	13.2	13.0	9.7	9.6	7.8	7.7
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:26:57

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1794	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1794	400	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2193	489	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2193	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2682	4800	No
vR	489	2000	No
vR12	2682	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	489	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2193	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	19.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2193	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2193	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2682	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.300	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	601	1137	1559	1932	1962
Service Flow Rate (SF), veh/h	1093	2067	2835	3513	3568
Service Volume, veh/h	983	1860	2552	3161	3211
One Direction DSV, 1000 veh/day	10	19	26	32	32
Bi-Direction DSV, 1000 veh/day	18	34	46	57	58
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	268	507	695	862	875
Service Flow Rate (SF), veh/h	244	461	632	783	795
Service Volume, veh/h	219	415	569	705	716
One Direction DSV, 1000 veh/day	2	4	6	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.8	21.5	13.9	13.8	10.3	10.1	8.2	8.1
LOS	B	B	B	A	B	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1720	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1720	465	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2102	568	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2102	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2670	4800	No
vR	568	2000	No
vR12	2670	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	568	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2102	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	16.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2102	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2102	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2670	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.272	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	701	1218	1626	1889	-
Service Flow Rate (SF), veh/h	1274	2214	2955	3435	-
Service Volume, veh/h	1147	1993	2660	3091	-
One Direction DSV, 1000 veh/day	11	20	27	31	-
Bi-Direction DSV, 1000 veh/day	21	36	48	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	379	659	879	1022	-
Service Flow Rate (SF), veh/h	345	599	799	929	-
Service Volume, veh/h	310	539	719	836	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.4	21.4	13.7	13.7	10.3	10.1	8.2	8.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:29:07

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.8	mi/h
Density Across All Lanes, D	20.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1905	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1115	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1905	185	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2329	226	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2329	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2555	4800	No
vR	226	2000	No
vR12	2555	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	226	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2329	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	18.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.7	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2329	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2329	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2555	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.293	
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.8	mi/h
Density Across All Lanes, D	20.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	669	1261	1731	2140	2188
Service Flow Rate (SF), veh/h	1217	2293	3147	3890	3977
Service Volume, veh/h	1095	2064	2832	3501	3579
One Direction DSV, 1000 veh/day	11	21	28	35	36
Bi-Direction DSV, 1000 veh/day	20	38	51	64	65
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	130	245	336	416	425
Service Flow Rate (SF), veh/h	118	223	306	378	386
Service Volume, veh/h	106	200	275	340	348
One Direction DSV, 1000 veh/day	1	2	3	3	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.7	20.4	13.2	13.1	9.8	9.6	7.8	7.6
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:29:56

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT3_PM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	20.3	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.4	mi/h
Density Across All Lanes, D	25.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1672	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1672	912	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2044	1115	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2044	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3159	4800	No
vR	1115	2000	No
vR12	3159	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1115	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2044	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	20.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.5	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2044	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2044	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3159	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.308	
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.4	mi/h
Density Across All Lanes, D	25.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	581	1009	1348	1553	-
Service Flow Rate (SF), veh/h	1057	1835	2450	2823	-
Service Volume, veh/h	951	1651	2205	2541	-
One Direction DSV, 1000 veh/day	10	17	22	25	-
Bi-Direction DSV, 1000 veh/day	17	30	40	46	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	634	1101	1470	1694	-
Service Flow Rate (SF), veh/h	576	1001	1336	1540	-
Service Volume, veh/h	519	901	1203	1386	-
One Direction DSV, 1000 veh/day	5	9	12	14	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	25.7	25.7	16.4	16.4	12.2	12.1	9.8	9.6
LOS	C	C	B	B	B	B	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:30:51

Merge Areas
Alternatives 4 & 6
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	10.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	13.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	933	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1285	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	933	453	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1140	554	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1140	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1694	4800	No
vR	554	2000	No
vR12	1694	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	554	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1140	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	10.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1140	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1140	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1694	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.252	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	13.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	545	989	1341	1616	-
Service Flow Rate (SF), veh/h	990	1797	2437	2937	-
Service Volume, veh/h	891	1618	2194	2643	-
One Direction DSV, 1000 veh/day	9	16	22	26	-
Bi-Direction DSV, 1000 veh/day	16	29	40	48	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	529	960	1302	1569	-
Service Flow Rate (SF), veh/h	481	873	1183	1426	-
Service Volume, veh/h	433	785	1065	1283	-
One Direction DSV, 1000 veh/day	4	8	11	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.5	13.4	8.7	8.6	6.5	6.4	5.2	5.1
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:29:00

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	714	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	714	275	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	873	336	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	873	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1209	4800	No
vR	336	2000	No
vR12	1209	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	336	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	873	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	873	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	873	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1209	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.229	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	645	1120	1497	1733	-
Service Flow Rate (SF), veh/h	1173	2037	2721	3150	-
Service Volume, veh/h	1056	1833	2449	2835	-
One Direction DSV, 1000 veh/day	11	18	24	28	-
Bi-Direction DSV, 1000 veh/day	19	33	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	497	863	1153	1335	-
Service Flow Rate (SF), veh/h	452	784	1048	1213	-
Service Volume, veh/h	407	706	943	1092	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.5	9.5	6.2	6.2	4.6	4.6	3.7	3.7
LOS	A	A	A	A	A	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	7.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	743	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	743	29	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	908	35	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	908	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	943	4800	No
vR	35	2000	No
vR12	943	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	35	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	908	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	5.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	908	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	908	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	943	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.253	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	7.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1294	1319	1825	2251	2310
Service Flow Rate (SF), veh/h	2352	2399	3317	4092	4199
Service Volume, veh/h	2117	2159	2985	3683	3779
One Direction DSV, 1000 veh/day	21	22	30	37	38
Bi-Direction DSV, 1000 veh/day	38	39	54	67	69
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	101	103	142	176	180
Service Flow Rate (SF), veh/h	92	94	129	160	164
Service Volume, veh/h	83	84	117	144	148
One Direction DSV, 1000 veh/day	1	1	1	1	1

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.5	7.4	4.8	4.7	3.6	3.5	2.9	2.8
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:32:21

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.1	mi/h
Density Across All Lanes, D	7.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	616	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1210	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	616	130	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	753	159	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	753	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	912	4800	No
vR	159	2000	No
vR12	912	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	159	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	753	pc/h
Length of Acceleration Lane, LA	1210	ft
Density in On-Ramp Influence Area, DR	5.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1210	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	753	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	753	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	912	pc/h
Number of Outer Lanes on Freeway, NO	0	ln

Speed Index for On-Ramp, MS	0.246	
Average Speed in Ramp Influence Area, SR	63.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.1	mi/h
Density Across All Lanes, D	7.2	pc/mi/ln

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.2	7.2	4.7	4.6	3.5	3.4	2.8	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:33:09

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	1.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	413	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	413	183	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	505	224	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	505	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	729	4800	No
vR	224	4000	No
vR12	729	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	224	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	505	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	1.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	1.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	505	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	505	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	729	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.224	
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.7	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	621	1078	1440	1663	-
Service Flow Rate (SF), veh/h	1128	1959	2617	3023	-
Service Volume, veh/h	1015	1763	2356	2721	-
One Direction DSV, 1000 veh/day	10	18	24	27	-
Bi-Direction DSV, 1000 veh/day	18	32	43	49	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	275	478	638	737	-
Service Flow Rate (SF), veh/h	500	868	1160	1340	-
Service Volume, veh/h	450	781	1044	1206	-
One Direction DSV, 1000 veh/day	4	8	10	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.8	5.7	3.8	3.7	2.8	2.8	2.2	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:34:57

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	609	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	609	379	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	744	463	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	744	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1207	4800	No
vR	463	2000	No
vR12	1207	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	463	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	744	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	9.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	744	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	744	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1207	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.274	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	391	799	1123	1405	1479
Service Flow Rate (SF), veh/h	711	1453	2041	2555	2689
Service Volume, veh/h	640	1308	1837	2300	2421
One Direction DSV, 1000 veh/day	6	13	18	23	24
Bi-Direction DSV, 1000 veh/day	12	24	33	42	44
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	487	995	1397	1749	1841
Service Flow Rate (SF), veh/h	443	904	1270	1590	1674
Service Volume, veh/h	398	814	1143	1431	1506
One Direction DSV, 1000 veh/day	4	8	11	14	15

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.7	9.5	6.3	6.2	4.6	4.6	3.7	3.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:36:45

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	7.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.9	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	713	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	713	241	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	872	295	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	872	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1167	4800	No
vR	295	2000	No
vR12	1167	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	295	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	872	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	7.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	6.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	872	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	872	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1167	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.255	
Average Speed in Ramp Influence Area, SR	62.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.9	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	552	1043	1433	1772	1794
Service Flow Rate (SF), veh/h	1003	1896	2604	3221	3261
Service Volume, veh/h	903	1706	2344	2899	2935
One Direction DSV, 1000 veh/day	9	17	23	29	29
Bi-Direction DSV, 1000 veh/day	16	31	43	53	53
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	373	705	968	1198	1213
Service Flow Rate (SF), veh/h	339	641	880	1089	1102
Service Volume, veh/h	305	577	792	980	992
One Direction DSV, 1000 veh/day	3	6	8	10	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.3	9.2	6.0	5.9	4.5	4.4	3.6	3.5
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:37:56

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	8.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	672	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	672	252	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	821	308	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	821	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1129	4800	No
vR	308	2000	No
vR12	1129	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	308	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	821	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	4.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	821	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	821	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1129	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.228	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	8.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	651	1129	1508	1745	-
Service Flow Rate (SF), veh/h	1183	2053	2742	3173	-
Service Volume, veh/h	1065	1848	2468	2856	-
One Direction DSV, 1000 veh/day	11	18	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	488	847	1131	1309	-
Service Flow Rate (SF), veh/h	444	770	1028	1190	-
Service Volume, veh/h	399	693	926	1071	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.9	8.9	5.8	5.7	4.3	4.3	3.5	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:38:58

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	11.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	916		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1115		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	916	244	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1120	298	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1120	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1418	4800	No
vR	298	2000	No
vR12	1418	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	298	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1120	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	9.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1120	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1120	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1418	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.259	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	11.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	580	1098	1508	1867	1895
Service Flow Rate (SF), veh/h	1054	1996	2741	3393	3445
Service Volume, veh/h	949	1797	2467	3054	3101
One Direction DSV, 1000 veh/day	9	18	25	31	31
Bi-Direction DSV, 1000 veh/day	17	33	45	56	56
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	309	585	803	994	1010
Service Flow Rate (SF), veh/h	281	532	730	904	918
Service Volume, veh/h	253	479	657	814	826
One Direction DSV, 1000 veh/day	3	5	7	8	8

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.3	11.2	7.3	7.2	5.4	5.3	4.3	4.3
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:40:07

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.0	mi/h
Density Across All Lanes, D	12.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	858		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1295		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	858	409	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1049	500	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1049	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1549	4800	No
vR	500	2000	No
vR12	1549	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	500	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1049	pc/h
Length of Acceleration Lane, LA	1295	ft
Density in On-Ramp Influence Area, DR	9.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1295	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1049	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1049	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1549	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.249	
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.0	mi/h
Density Across All Lanes, D	12.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	551	998	1352	1625	-
Service Flow Rate (SF), veh/h	1001	1813	2457	2955	-
Service Volume, veh/h	901	1632	2212	2659	-
One Direction DSV, 1000 veh/day	9	16	22	27	-
Bi-Direction DSV, 1000 veh/day	16	30	40	48	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	525	951	1289	1549	-
Service Flow Rate (SF), veh/h	477	864	1171	1408	-
Service Volume, veh/h	430	778	1054	1268	-
One Direction DSV, 1000 veh/day	4	8	11	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.3	12.2	8.0	7.9	6.0	5.9	4.8	4.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:41:20

Merge Areas
Alternative 4 & 6
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	25.4	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	59.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	59.3	mi/h
Density Across All Lanes, D	30.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1936		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1285		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1936	1053	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2366	1287	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2366	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3653	4800	No
vR	1287	2000	No
vR12	3653	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1287	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2366	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	25.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	23.1	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2366	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2366	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3653	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.382	
Average Speed in Ramp Influence Area, SR	59.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	59.3	mi/h
Density Across All Lanes, D	30.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	525	953	1292	1554	-
Service Flow Rate (SF), veh/h	954	1732	2348	2826	-
Service Volume, veh/h	859	1559	2113	2543	-
One Direction DSV, 1000 veh/day	9	16	21	25	-
Bi-Direction DSV, 1000 veh/day	16	28	38	46	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	571	1037	1405	1691	-
Service Flow Rate (SF), veh/h	519	942	1277	1537	-
Service Volume, veh/h	467	848	1149	1383	-
One Direction DSV, 1000 veh/day	5	8	11	14	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	30.8	30.6	19.2	19.1	14.1	14.0	11.3	11.2
LOS	C	C	B	B	B	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:42:29

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	21.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Highway/CD Roadway	
Demand Volume, V	1728	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1728	482	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2112	589	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2112	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2701	4400	No
vR	589	2000	No
vR12	2701	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4400	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4400	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	589	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2112	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	16.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2112	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2112	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2701	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.274	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	21.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	697	1210	1616	1720	-
Service Flow Rate (SF), veh/h	1268	2200	2937	3127	-
Service Volume, veh/h	1141	1980	2644	2815	-
One Direction DSV, 1000 veh/day	11	20	26	28	-
Bi-Direction DSV, 1000 veh/day	21	36	48	51	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	389	675	901	960	-
Service Flow Rate (SF), veh/h	354	614	819	872	-
Service Volume, veh/h	318	552	737	785	-
One Direction DSV, 1000 veh/day	3	6	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.7	21.7	13.9	13.9	10.4	10.2	8.3	8.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:54:55

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	15.6	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.2	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1762	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1762	34	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2154	42	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2154	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2196	4800	No
vR	42	2000	No
vR12	2196	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	42	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2154	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	15.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	14.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2154	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2154	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2196	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.278	
Average Speed in Ramp Influence Area, SR	62.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.2	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	2177	2355	-	-	-
Service Flow Rate (SF), veh/h	3957	4281	-	-	-
Service Volume, veh/h	3561	3853	-	-	-
One Direction DSV, 1000 veh/day	36	39	-	-	-
Bi-Direction DSV, 1000 veh/day	65	70	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	84	91	-	-	-
Service Flow Rate (SF), veh/h	76	83	-	-	-
Service Volume, veh/h	69	74	-	-	-
One Direction DSV, 1000 veh/day	1	1	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.7	17.4	11.3	11.2	8.4	8.2	6.7	6.5
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:44:36

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	14.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.5	mi/h
Density Across All Lanes, D	16.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1539	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1210	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1539	181	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1881	221	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1881	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2102	4800	No
vR	221	2000	No
vR12	2102	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	221	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1881	pc/h
Length of Acceleration Lane, LA	1210	ft
Density in On-Ramp Influence Area, DR	14.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	13.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1210	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1881	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1881	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2102	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.268	
Average Speed in Ramp Influence Area, SR	62.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.5	mi/h
Density Across All Lanes, D	16.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	689	1271	1733	2135	2147
Service Flow Rate (SF), veh/h	1252	2311	3151	3881	3904
Service Volume, veh/h	1127	2080	2836	3493	3514
One Direction DSV, 1000 veh/day	11	21	28	35	35
Bi-Direction DSV, 1000 veh/day	20	38	52	64	64
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	162	299	408	502	505
Service Flow Rate (SF), veh/h	147	272	371	456	459
Service Volume, veh/h	133	245	333	411	413
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.8	16.7	10.8	10.7	8.0	7.9	6.4	6.3
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:48:51

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1197	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1197	153	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1463	187	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1463	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1650	4800	No
vR	187	4000	No
vR12	1650	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	187	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1463	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	8.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1463	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1463	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1650	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.236	
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	790	1363	1824	2128	-
Service Flow Rate (SF), veh/h	1437	2478	3316	3869	-
Service Volume, veh/h	1293	2231	2984	3482	-
One Direction DSV, 1000 veh/day	13	22	30	35	-
Bi-Direction DSV, 1000 veh/day	24	41	54	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	101	174	233	272	-
Service Flow Rate (SF), veh/h	184	317	424	494	-
Service Volume, veh/h	165	285	381	445	-
One Direction DSV, 1000 veh/day	2	3	4	4	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.2	13.0	8.5	8.4	6.3	6.2	5.0	4.9
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:50:24

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.3	mi/h
Density Across All Lanes, D	20.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1569	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1569	513	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1918	627	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1918	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2545	4800	No
vR	627	2000	No
vR12	2545	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	627	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1918	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	19.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1918	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1918	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2545	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.311	
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.3	mi/h
Density Across All Lanes, D	20.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	474	969	1362	1706	1809
Service Flow Rate (SF), veh/h	862	1761	2476	3101	3288
Service Volume, veh/h	776	1585	2229	2791	2959
One Direction DSV, 1000 veh/day	8	16	22	28	30
Bi-Direction DSV, 1000 veh/day	14	29	41	51	54
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	310	634	891	1115	1183
Service Flow Rate (SF), veh/h	282	576	810	1014	1075
Service Volume, veh/h	254	518	729	913	968
One Direction DSV, 1000 veh/day	3	5	7	9	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.8	20.3	13.3	13.1	9.7	9.6	7.8	7.7
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:51:33

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	21.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1785	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1785	405	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2182	495	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2182	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2677	4800	No
vR	495	2000	No
vR12	2677	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	495	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2182	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	19.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2182	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2182	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2677	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.299	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	21.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	599	1133	1556	1926	1956
Service Flow Rate (SF), veh/h	1090	2059	2829	3501	3556
Service Volume, veh/h	981	1853	2546	3151	3201
One Direction DSV, 1000 veh/day	10	19	25	32	32
Bi-Direction DSV, 1000 veh/day	18	34	46	57	58
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	272	514	706	874	888
Service Flow Rate (SF), veh/h	247	467	642	794	807
Service Volume, veh/h	223	421	578	715	726
One Direction DSV, 1000 veh/day	2	4	6	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.7	21.5	13.9	13.7	10.2	10.1	8.2	8.1
LOS	B	B	B	A	B	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	17.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1747	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1747	476	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2135	582	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2135	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2717	4800	No
vR	582	2000	No
vR12	2717	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	582	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2135	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	17.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2135	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2135	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2717	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.275	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	701	1216	1623	1886	-
Service Flow Rate (SF), veh/h	1274	2210	2951	3429	-
Service Volume, veh/h	1147	1989	2656	3086	-
One Direction DSV, 1000 veh/day	11	20	27	31	-
Bi-Direction DSV, 1000 veh/day	21	36	48	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	382	663	885	1028	-
Service Flow Rate (SF), veh/h	347	602	804	934	-
Service Volume, veh/h	313	542	724	841	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.8	21.8	14.0	13.9	10.4	10.3	8.3	8.2
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:57:43

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.7	mi/h
Density Across All Lanes, D	21.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1958		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1115		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1958	211	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2393	258	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2393	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2651	4800	No
vR	258	2000	No
vR12	2651	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	258	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2393	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	19.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2393	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2393	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2651	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.298	
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.7	mi/h
Density Across All Lanes, D	21.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	659	1248	1711	2119	2167
Service Flow Rate (SF), veh/h	1198	2269	3111	3852	3939
Service Volume, veh/h	1078	2042	2800	3467	3545
One Direction DSV, 1000 veh/day	11	20	28	35	35
Bi-Direction DSV, 1000 veh/day	20	37	51	63	64
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	142	269	369	457	467
Service Flow Rate (SF), veh/h	129	245	335	415	424
Service Volume, veh/h	116	220	302	374	382
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.5	21.2	13.7	13.6	10.1	10.0	8.1	7.9
LOS	B	B	B	A	B	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.9	mi/h
Density Across All Lanes, D	22.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1568	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1295	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1568	667	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1917	815	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1917	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2732	4800	No
vR	815	2000	No
vR12	2732	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	815	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1917	pc/h
Length of Acceleration Lane, LA	1295	ft
Density in On-Ramp Influence Area, DR	18.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.7	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1295	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1917	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1917	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2732	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.290	
Average Speed in Ramp Influence Area, SR	61.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.9	mi/h
Density Across All Lanes, D	22.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	569	1031	1397	1684	-
Service Flow Rate (SF), veh/h	1034	1875	2540	3061	-
Service Volume, veh/h	931	1688	2286	2755	-
One Direction DSV, 1000 veh/day	9	17	23	28	-
Bi-Direction DSV, 1000 veh/day	17	31	42	50	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	484	878	1189	1432	-
Service Flow Rate (SF), veh/h	440	798	1081	1302	-
Service Volume, veh/h	396	718	973	1172	-
One Direction DSV, 1000 veh/day	4	7	10	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	22.1	21.9	14.2	14.1	10.5	10.4	8.4	8.3
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:59:54

Merge Areas
Alternative 7
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_05_AM_NB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.0	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	838	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	68.8	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	17.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1748	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1100	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1748	1023	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2137	1250	pc/h

Adjacent Ramps	Upstream	Downstream	
Segment Type	Diverge	No Ramp	
Distance to Ramp, LUP/LDOWN	10000	-	ft
Demand Volume, V	0	-	veh/h
Peak Hour Factor, PHF	0.94	-	
Percent Total Trucks	0.00	-	
Heavy Vehicle Adj., fHV	1.000	-	
Terrain Type	Level	-	
Demand Flow Rate, v	0	-	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	641.4	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	0.608	
Flow Rate in Lanes 1 and 2, v12	1299	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3387	7200	No
vR	1250	2000	No
vR12	2549	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1250	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1299	pc/h
Length of Acceleration Lane, LA	1100	ft
Density in On-Ramp Influence Area, DR	18.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1100	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2137	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1299	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2549	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for On-Ramp, MS	0.294	
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Flow in Outer Lanes, vOA	838	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	68.8	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	17.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	414	786	1081	1139	-
Service Flow Rate (SF), veh/h	1128	2143	2947	3106	-
Service Volume, veh/h	1015	1928	2652	2796	-
One Direction DSV, 1000 veh/day	10	19	27	28	-

Bi-Direction DSV, 1000 veh/day	18	35	48	51	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	726	1380	1897	2000	-
Service Flow Rate (SF), veh/h	660	1254	1725	1818	-
Service Volume, veh/h	594	1129	1552	1636	-
One Direction DSV, 1000 veh/day	6	11	16	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	28.3	27.9	17.8	17.6	13.1	12.9	10.5	10.4
LOS	C	C	B	B	B	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:47:03

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_05_AM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.8	mi/h
Density Across All Lanes, D	10.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	986	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1115	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	986	58	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1205	71	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1205	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1276	4800	No
vR	71	2000	No
vR12	1276	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	71	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1205	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	8.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	7.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1205	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1205	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1276	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.257	
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.8	mi/h
Density Across All Lanes, D	10.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	697	1305	1793	2214	2267
Service Flow Rate (SF), veh/h	1267	2372	3259	4024	4121
Service Volume, veh/h	1140	2135	2934	3622	3709
One Direction DSV, 1000 veh/day	11	21	29	36	37
Bi-Direction DSV, 1000 veh/day	21	39	53	66	67
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	82	154	211	260	267
Service Flow Rate (SF), veh/h	75	140	192	237	242
Service Volume, veh/h	67	126	173	213	218
One Direction DSV, 1000 veh/day	1	1	2	2	2

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.2	10.0	6.5	6.4	4.9	4.7	3.9	3.8
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:48:16

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	7.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.0	mi/h
Density Across All Lanes, D	10.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	802	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1210	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	802	231	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	980	282	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	980	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1262	4800	No
vR	282	2000	No
vR12	1262	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	282	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	980	pc/h
Length of Acceleration Lane, LA	1210	ft
Density in On-Ramp Influence Area, DR	7.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	7.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1210	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	980	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	980	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1262	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.250	
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.0	mi/h
Density Across All Lanes, D	10.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	601	1109	1514	1863	-
Service Flow Rate (SF), veh/h	1092	2017	2752	3387	-
Service Volume, veh/h	983	1815	2477	3049	-
One Direction DSV, 1000 veh/day	10	18	25	30	-
Bi-Direction DSV, 1000 veh/day	18	33	45	55	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	346	639	872	1073	-
Service Flow Rate (SF), veh/h	315	581	793	976	-
Service Volume, veh/h	283	523	713	878	-
One Direction DSV, 1000 veh/day	3	5	7	9	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.0	9.9	6.5	6.4	4.8	4.7	3.9	3.8
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:52:31

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	0.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.8	mi/h
Density Across All Lanes, D	4.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	294	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	294	133	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	359	163	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	359	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	522	4800	No
vR	163	4000	No
vR12	522	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	163	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	359	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	0.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	0.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	359	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	359	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	522	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.223	
Average Speed in Ramp Influence Area, SR	63.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.8	mi/h
Density Across All Lanes, D	4.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	617	1070	1430	1652	-
Service Flow Rate (SF), veh/h	1121	1946	2600	3004	-
Service Volume, veh/h	1009	1751	2340	2704	-
One Direction DSV, 1000 veh/day	10	18	23	27	-
Bi-Direction DSV, 1000 veh/day	18	32	43	49	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	279	484	647	748	-
Service Flow Rate (SF), veh/h	507	880	1176	1359	-
Service Volume, veh/h	456	792	1059	1223	-
One Direction DSV, 1000 veh/day	5	8	11	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.2	4.1	2.7	2.7	2.0	2.0	1.6	1.6
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:53:44

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	13.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.0	mi/h
Density Across All Lanes, D	14.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	814	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	814	616	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	995	753	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	995	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1748	4800	No
vR	753	2000	No
vR12	1748	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	753	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	995	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	13.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	12.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	995	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	995	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1748	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.284	
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.0	mi/h
Density Across All Lanes, D	14.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	362	740	1040	1296	1321
Service Flow Rate (SF), veh/h	658	1346	1890	2357	2402
Service Volume, veh/h	592	1211	1701	2121	2162
One Direction DSV, 1000 veh/day	6	12	17	21	22
Bi-Direction DSV, 1000 veh/day	11	22	31	39	39
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	548	1121	1574	1962	2000
Service Flow Rate (SF), veh/h	498	1019	1430	1783	1818
Service Volume, veh/h	448	917	1287	1605	1636
One Direction DSV, 1000 veh/day	4	9	13	16	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	14.1	13.8	9.1	9.0	6.7	6.7	5.4	5.3
LOS	B	A	B	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:54:38

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	11.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.6	mi/h
Density Across All Lanes, D	13.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	978	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1120	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	978	394	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1195	482	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1195	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1677	4800	No
vR	482	2000	No
vR12	1677	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	482	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1195	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	11.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	10.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1195	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1195	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1677	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.263	
Average Speed in Ramp Influence Area, SR	62.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.6	mi/h
Density Across All Lanes, D	13.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	527	997	1369	1694	1711
Service Flow Rate (SF), veh/h	959	1812	2488	3081	3110
Service Volume, veh/h	863	1631	2239	2773	2799
One Direction DSV, 1000 veh/day	9	16	22	28	28
Bi-Direction DSV, 1000 veh/day	16	30	41	50	51
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	425	803	1103	1365	1378
Service Flow Rate (SF), veh/h	386	730	1002	1241	1253
Service Volume, veh/h	348	657	902	1117	1128
One Direction DSV, 1000 veh/day	3	7	9	11	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.4	13.2	8.6	8.5	6.4	6.3	5.2	5.1
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:55:37

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	10.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	15.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1242	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1242	324	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1518	396	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1518	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1914	4800	No
vR	396	2000	No
vR12	1914	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	396	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1518	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	10.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1518	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1518	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1914	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.242	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	15.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	707	1226	1638	1903	-
Service Flow Rate (SF), veh/h	1286	2228	2978	3460	-
Service Volume, veh/h	1157	2006	2680	3114	-
One Direction DSV, 1000 veh/day	12	20	27	31	-
Bi-Direction DSV, 1000 veh/day	21	36	49	57	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	369	640	855	993	-
Service Flow Rate (SF), veh/h	335	581	777	903	-
Service Volume, veh/h	302	523	699	812	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.1	15.1	9.8	9.7	7.3	7.2	5.9	5.8
LOS	B	B	A	A	A	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.7	mi/h
Density Across All Lanes, D	22.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1735	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1180	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1735	493	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2121	603	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2121	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2724	4800	No
vR	603	2000	No
vR12	2724	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	603	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2121	pc/h
Length of Acceleration Lane, LA	1180	ft
Density in On-Ramp Influence Area, DR	19.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1180	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2121	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2121	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2724	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.298	
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.7	mi/h
Density Across All Lanes, D	22.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	593	1104	1509	1862	1869
Service Flow Rate (SF), veh/h	1078	2007	2743	3386	3398
Service Volume, veh/h	970	1807	2469	3047	3058
One Direction DSV, 1000 veh/day	10	18	25	30	31
Bi-Direction DSV, 1000 veh/day	18	33	45	55	56
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	337	628	857	1058	1062
Service Flow Rate (SF), veh/h	306	570	779	962	965
Service Volume, veh/h	276	513	701	866	869
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	22.1	21.9	14.1	14.0	10.4	10.3	8.4	8.2
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:57:52

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	31.9	pc/mi/ln
Level of Service, LOS	D	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	54.8	mi/h
Density Across All Lanes, D	39.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2432	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1100	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2432	1119	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2973	1368	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2973	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	4341	4800	No
vR	1368	2000	No
vR12	4341	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1368	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Length of Acceleration Lane, LA	1100	ft
Density in On-Ramp Influence Area, DR	31.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	29.0	veh/mi/ln
Level of Service, LOS	D	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1100	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2973	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	4341	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.543	
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	54.8	mi/h
Density Across All Lanes, D	39.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	502	953	1311	1624	1644
Service Flow Rate (SF), veh/h	913	1733	2383	2953	2988
Service Volume, veh/h	821	1559	2145	2657	2689
One Direction DSV, 1000 veh/day	8	16	21	27	27
Bi-Direction DSV, 1000 veh/day	15	28	39	48	49
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	462	877	1206	1495	1513
Service Flow Rate (SF), veh/h	420	797	1096	1359	1375
Service Volume, veh/h	378	717	987	1223	1237
One Direction DSV, 1000 veh/day	4	7	10	12	12

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	39.6	39.0	23.2	22.9	16.9	16.7	13.4	13.3
LOS	D	D	C	B	B	B	B	B

Merge Areas
Alternative 7
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	31.9	pc/mi/ln
Level of Service, LOS	D	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	54.8	mi/h
Density Across All Lanes, D	39.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2432	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1100	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2432	1119	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2973	1368	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2973	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	4341	4800	No
vR	1368	2000	No
vR12	4341	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1368	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Length of Acceleration Lane, LA	1100	ft
Density in On-Ramp Influence Area, DR	31.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	29.0	veh/mi/ln
Level of Service, LOS	D	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1100	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2973	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	4341	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.543	
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	54.8	mi/h
Density Across All Lanes, D	39.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	502	953	1311	1624	1644
Service Flow Rate (SF), veh/h	913	1733	2383	2953	2988
Service Volume, veh/h	821	1559	2145	2657	2689
One Direction DSV, 1000 veh/day	8	16	21	27	27
Bi-Direction DSV, 1000 veh/day	15	28	39	48	49
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	462	877	1206	1495	1513
Service Flow Rate (SF), veh/h	420	797	1096	1359	1375
Service Volume, veh/h	378	717	987	1223	1237
One Direction DSV, 1000 veh/day	4	7	10	12	12

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	39.6	39.0	23.2	22.9	16.9	16.7	13.4	13.3
LOS	D	D	C	B	B	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:59:58

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.0	mi/h
Density Across All Lanes, D	19.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1678	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1115	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1678	253	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2051	309	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2051	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2360	4800	No
vR	309	2000	No
vR12	2360	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	309	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2051	pc/h
Length of Acceleration Lane, LA	1115	ft
Density in On-Ramp Influence Area, DR	16.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1115	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2051	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2051	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2360	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.284	
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.0	mi/h
Density Across All Lanes, D	19.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	637	1204	1651	2045	2086
Service Flow Rate (SF), veh/h	1158	2188	3002	3717	3792
Service Volume, veh/h	1042	1970	2702	3346	3412
One Direction DSV, 1000 veh/day	10	20	27	33	34
Bi-Direction DSV, 1000 veh/day	19	36	49	61	62
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	192	363	498	617	629
Service Flow Rate (SF), veh/h	175	330	453	560	572
Service Volume, veh/h	157	297	407	504	515
One Direction DSV, 1000 veh/day	2	3	4	5	5

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.0	18.8	12.2	12.0	9.0	8.9	7.2	7.1
LOS	B	B	B	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:01:17

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	14.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1437	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1210	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1437	365	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1757	446	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1757	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2203	4800	No
vR	446	2000	No
vR12	2203	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	446	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1757	pc/h
Length of Acceleration Lane, LA	1210	ft
Density in On-Ramp Influence Area, DR	14.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	13.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1210	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1757	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1757	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2203	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.272	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	616	1139	1553	1914	-
Service Flow Rate (SF), veh/h	1120	2070	2823	3479	-
Service Volume, veh/h	1008	1863	2541	3131	-
One Direction DSV, 1000 veh/day	10	19	25	31	-
Bi-Direction DSV, 1000 veh/day	18	34	46	57	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	313	579	789	972	-
Service Flow Rate (SF), veh/h	285	526	717	884	-
Service Volume, veh/h	256	473	645	795	-
One Direction DSV, 1000 veh/day	3	5	6	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.7	17.5	11.3	11.2	8.4	8.3	6.8	6.6
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:02:17

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	867	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	867	117	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1060	143	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1060	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1203	4800	No
vR	143	4000	No
vR12	1203	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	143	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1060	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1060	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1060	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1203	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.229	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	782	1358	1812	2115	-
Service Flow Rate (SF), veh/h	1421	2469	3294	3844	-
Service Volume, veh/h	1279	2222	2965	3460	-
One Direction DSV, 1000 veh/day	13	22	30	35	-
Bi-Direction DSV, 1000 veh/day	23	40	54	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	106	183	245	285	-
Service Flow Rate (SF), veh/h	192	333	445	519	-
Service Volume, veh/h	173	300	400	467	-
One Direction DSV, 1000 veh/day	2	3	4	5	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.6	9.5	6.2	6.1	4.6	4.5	3.7	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:03:24

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	20.7	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.1	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1487		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	855		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1487	701	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1818	857	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1818	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2675	4800	No
vR	857	2000	No
vR12	2675	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	857	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1818	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	20.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.8	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1818	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1818	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2675	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.318	
Average Speed in Ramp Influence Area, SR	61.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.1	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	430	879	1233	1544	1631
Service Flow Rate (SF), veh/h	781	1598	2241	2807	2965
Service Volume, veh/h	703	1438	2017	2526	2669
One Direction DSV, 1000 veh/day	7	14	20	25	27
Bi-Direction DSV, 1000 veh/day	13	26	37	46	49
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	405	829	1162	1456	1538
Service Flow Rate (SF), veh/h	368	753	1057	1323	1398
Service Volume, veh/h	331	678	951	1191	1258
One Direction DSV, 1000 veh/day	3	7	10	12	13

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.9	21.4	14.0	13.8	10.3	10.1	8.2	8.1
LOS	C	B	B	B	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:04:14

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	20.2	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.4	mi/h
Density Across All Lanes, D	23.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1702		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1120		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1702	611	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2080	747	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2080	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2827	4800	No
vR	747	2000	No
vR12	2827	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	747	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2080	pc/h
Length of Acceleration Lane, LA	1120	ft
Density in On-Ramp Influence Area, DR	20.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.4	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1120	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2080	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2080	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2827	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.308	
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.4	mi/h
Density Across All Lanes, D	23.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	543	1028	1411	1747	1766
Service Flow Rate (SF), veh/h	988	1869	2564	3175	3211
Service Volume, veh/h	889	1682	2308	2858	2890
One Direction DSV, 1000 veh/day	9	17	23	29	29
Bi-Direction DSV, 1000 veh/day	16	31	42	52	53
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	390	738	1013	1254	1268
Service Flow Rate (SF), veh/h	355	671	921	1140	1153
Service Volume, veh/h	319	604	829	1026	1037
One Direction DSV, 1000 veh/day	3	6	8	10	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	23.0	22.8	14.7	14.5	10.8	10.7	8.7	8.6
LOS	C	B	B	B	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:05:15

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	20.6	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.3	mi/h
Density Across All Lanes, D	25.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	2019		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1500		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	2019	577	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2468	705	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2468	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3173	4800	No
vR	705	2000	No
vR12	3173	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	705	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2468	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	20.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.7	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2468	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2468	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3173	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.309	
Average Speed in Ramp Influence Area, SR	61.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.3	mi/h
Density Across All Lanes, D	25.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	693	1204	1608	1867	-
Service Flow Rate (SF), veh/h	1260	2188	2923	3393	-
Service Volume, veh/h	1134	1969	2630	3054	-
One Direction DSV, 1000 veh/day	11	20	26	31	-
Bi-Direction DSV, 1000 veh/day	21	36	48	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	396	688	919	1067	-
Service Flow Rate (SF), veh/h	360	625	835	970	-
Service Volume, veh/h	324	563	752	873	-
One Direction DSV, 1000 veh/day	3	6	8	9	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	25.9	25.9	16.4	16.3	12.2	12.0	9.7	9.6
LOS	C	C	B	B	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:07:21

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	25.3	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	59.7	mi/h
Density Across All Lanes, D	29.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2444	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1180	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2444	425	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2987	519	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2987	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3506	4800	No
vR	519	2000	No
vR12	3506	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	519	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2987	pc/h
Length of Acceleration Lane, LA	1180	ft
Density in On-Ramp Influence Area, DR	25.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	23.0	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1180	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2987	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2987	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3506	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.368	
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	59.7	mi/h
Density Across All Lanes, D	29.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	647	1202	1644	2029	2044
Service Flow Rate (SF), veh/h	1176	2185	2989	3689	3717
Service Volume, veh/h	1059	1967	2690	3320	3345
One Direction DSV, 1000 veh/day	11	20	27	33	33
Bi-Direction DSV, 1000 veh/day	19	36	49	60	61
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	225	418	572	706	711
Service Flow Rate (SF), veh/h	205	380	520	641	646
Service Volume, veh/h	184	342	468	577	582
One Direction DSV, 1000 veh/day	2	3	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	29.4	29.1	18.3	18.1	13.4	13.3	10.7	10.6
LOS	C	C	B	B	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:06:07

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	22.7	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	60.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	60.7	mi/h
Density Across All Lanes, D	24.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1850		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	890		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1850	563	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2261	688	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2261	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2949	4800	No
vR	688	2000	No
vR12	2949	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	688	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2261	pc/h
Length of Acceleration Lane, LA	890	ft
Density in On-Ramp Influence Area, DR	22.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	20.6	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	890	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2261	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2261	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2949	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.333	
Average Speed in Ramp Influence Area, SR	60.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	60.7	mi/h
Density Across All Lanes, D	24.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	493	997	1395	1745	1840
Service Flow Rate (SF), veh/h	896	1813	2535	3172	3345
Service Volume, veh/h	806	1632	2282	2855	3011
One Direction DSV, 1000 veh/day	8	16	23	29	30
Bi-Direction DSV, 1000 veh/day	15	30	41	52	55
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	300	607	849	1062	1120
Service Flow Rate (SF), veh/h	273	552	772	965	1018
Service Volume, veh/h	245	497	694	869	916
One Direction DSV, 1000 veh/day	2	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	24.3	23.8	15.4	15.2	11.3	11.2	9.0	8.9
LOS	C	B	B	B	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:08:18

Merge Areas
Alternatives 8 & 9
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.0	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	838	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	68.8	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	17.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	3		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1749		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1100		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1749	1029	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2138	1258	pc/h
Adjacent Ramps	Upstream	Downstream	
Segment Type	Diverge	No Ramp	
Distance to Ramp, LUP/LDOWN	10000	-	ft
Demand Volume, V	0	-	veh/h
Peak Hour Factor, PHF	0.94	-	
Percent Total Trucks	0.00	-	
Heavy Vehicle Adj., fHV	1.000	-	
Terrain Type	Level	-	
Demand Flow Rate, v	0	-	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	643.3	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	0.608	
Flow Rate in Lanes 1 and 2, v12	1300	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3396	7200	No
vR	1258	2000	No
vR12	2558	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1258	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1300	pc/h
Length of Acceleration Lane, LA	1100	ft
Density in On-Ramp Influence Area, DR	18.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1100	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2138	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1300	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2558	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for On-Ramp, MS	0.294	
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Flow in Outer Lanes, vOA	838	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	68.8	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	17.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	412	784	1078	1133	-
Service Flow Rate (SF), veh/h	1125	2138	2941	3090	-
Service Volume, veh/h	1012	1924	2647	2781	-
One Direction DSV, 1000 veh/day	10	19	26	28	-

Bi-Direction DSV, 1000 veh/day	18	35	48	51	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	728	1384	1903	2000	-
Service Flow Rate (SF), veh/h	662	1258	1730	1818	-
Service Volume, veh/h	596	1132	1557	1636	-
One Direction DSV, 1000 veh/day	6	11	16	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	28.3	28.0	17.9	17.7	13.1	13.0	10.5	10.4
LOS	C	C	B	B	B	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:29:13

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	10.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	12.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1139	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1130	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1139	167	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1392	204	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1392	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1596	4800	No
vR	204	2000	No
vR12	1596	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	204	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1392	pc/h
Length of Acceleration Lane, LA	1130	ft
Density in On-Ramp Influence Area, DR	10.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1130	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1392	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1392	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1596	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.261	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	12.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	645	1211	1662	2058	2093
Service Flow Rate (SF), veh/h	1172	2201	3021	3741	3805
Service Volume, veh/h	1055	1981	2719	3367	3425
One Direction DSV, 1000 veh/day	11	20	27	34	34
Bi-Direction DSV, 1000 veh/day	19	36	49	61	62
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	189	355	487	603	614
Service Flow Rate (SF), veh/h	172	323	443	549	558
Service Volume, veh/h	155	290	399	494	502
One Direction DSV, 1000 veh/day	2	3	4	5	5

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.7	12.6	8.2	8.1	6.1	6.0	4.9	4.8
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:30:04

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	7.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	748	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1245	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	748	54	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	914	66	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	914	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	980	4800	No
vR	66	2000	No
vR12	980	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	66	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	914	pc/h
Length of Acceleration Lane, LA	1245	ft
Density in On-Ramp Influence Area, DR	5.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1245	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	914	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	914	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	980	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.244	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	7.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	734	1333	1815	2235	2238
Service Flow Rate (SF), veh/h	1335	2424	3300	4063	4069
Service Volume, veh/h	1201	2181	2970	3657	3662
One Direction DSV, 1000 veh/day	12	22	30	37	37
Bi-Direction DSV, 1000 veh/day	22	40	54	66	67
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	106	193	262	323	323
Service Flow Rate (SF), veh/h	96	175	238	293	294
Service Volume, veh/h	87	157	214	264	264
One Direction DSV, 1000 veh/day	1	2	2	3	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.8	7.7	5.0	4.9	3.7	3.7	3.0	2.9
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:34:13

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	0.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.8	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	296	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	296	150	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	362	183	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	362	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	545	4800	No
vR	183	4000	No
vR12	545	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	183	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	362	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	0.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	0.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	362	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	362	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	545	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.223	
Average Speed in Ramp Influence Area, SR	63.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.8	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	595	1034	1381	1593	-
Service Flow Rate (SF), veh/h	1082	1880	2511	2896	-
Service Volume, veh/h	973	1692	2260	2606	-
One Direction DSV, 1000 veh/day	10	17	23	26	-
Bi-Direction DSV, 1000 veh/day	18	31	41	47	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	302	524	700	807	-
Service Flow Rate (SF), veh/h	548	953	1273	1467	-
Service Volume, veh/h	493	857	1145	1321	-
One Direction DSV, 1000 veh/day	5	9	11	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.3	4.3	2.8	2.8	2.1	2.1	1.7	1.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:37:53

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	12.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.1	mi/h
Density Across All Lanes, D	13.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	756	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	756	598	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	924	731	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	924	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1655	4800	No
vR	731	2000	No
vR12	1655	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	731	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	924	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	12.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	11.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	924	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	924	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1655	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.282	
Average Speed in Ramp Influence Area, SR	62.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.1	mi/h
Density Across All Lanes, D	13.3	pc/mi/ln

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.3	13.1	8.6	8.5	6.4	6.3	5.1	5.1
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:39:00

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	11.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.8	mi/h
Density Across All Lanes, D	15.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1110		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1285		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1110	426	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1357	521	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1357	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1878	4800	No
vR	521	2000	No
vR12	1878	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	521	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1357	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	11.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	10.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1357	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1357	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1878	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.257	
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.8	mi/h
Density Across All Lanes, D	15.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	582	1058	1435	1734	-
Service Flow Rate (SF), veh/h	1059	1923	2609	3153	-
Service Volume, veh/h	953	1731	2348	2838	-
One Direction DSV, 1000 veh/day	10	17	23	28	-
Bi-Direction DSV, 1000 veh/day	17	31	43	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	447	812	1102	1331	-
Service Flow Rate (SF), veh/h	406	738	1001	1210	-
Service Volume, veh/h	366	664	901	1089	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.0	14.9	9.6	9.6	7.2	7.1	5.8	5.7
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:40:27

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	10.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	15.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1245	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1245	317	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1522	387	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1522	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1909	4800	No
vR	387	2000	No
vR12	1909	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	387	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1522	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	10.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1522	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1522	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1909	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.242	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	15.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	709	1231	1645	1913	-
Service Flow Rate (SF), veh/h	1289	2238	2991	3478	-
Service Volume, veh/h	1160	2015	2692	3130	-
One Direction DSV, 1000 veh/day	12	20	27	31	-
Bi-Direction DSV, 1000 veh/day	21	37	49	57	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	361	627	838	974	-
Service Flow Rate (SF), veh/h	328	570	762	885	-
Service Volume, veh/h	295	513	685	797	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.1	15.1	9.7	9.7	7.3	7.2	5.9	5.7
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:58:36

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1720	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1100	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1720	475	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2102	581	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2102	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2683	4800	No
vR	581	2000	No
vR12	2683	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	581	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2102	pc/h
Length of Acceleration Lane, LA	1100	ft
Density in On-Ramp Influence Area, DR	19.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1100	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2102	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2102	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2683	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.301	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	570	1085	1492	1848	1881
Service Flow Rate (SF), veh/h	1037	1973	2712	3359	3419
Service Volume, veh/h	933	1776	2441	3023	3077
One Direction DSV, 1000 veh/day	9	18	24	30	31
Bi-Direction DSV, 1000 veh/day	17	32	44	55	56
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	315	600	824	1020	1039
Service Flow Rate (SF), veh/h	286	545	749	928	944
Service Volume, veh/h	258	490	674	835	850
One Direction DSV, 1000 veh/day	3	5	7	8	8

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.8	21.5	13.9	13.8	10.3	10.1	8.2	8.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:03:42

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	10.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	11.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	919		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	890		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	919	199	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1123	243	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1123	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1366	4800	No
vR	243	2000	No
vR12	1366	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	243	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1123	pc/h
Length of Acceleration Lane, LA	890	ft
Density in On-Ramp Influence Area, DR	10.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	890	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1123	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1123	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1366	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.274	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	11.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	526	1066	1491	1865	1973
Service Flow Rate (SF), veh/h	957	1937	2711	3390	3587
Service Volume, veh/h	861	1744	2440	3051	3228
One Direction DSV, 1000 veh/day	9	17	24	31	32
Bi-Direction DSV, 1000 veh/day	16	32	44	55	59
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	228	462	646	808	854
Service Flow Rate (SF), veh/h	207	420	587	734	777
Service Volume, veh/h	187	378	528	661	699
One Direction DSV, 1000 veh/day	2	4	5	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.0	10.8	7.0	6.9	5.2	5.1	4.2	4.1
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:05:00

Merge Areas
Alternatives 8 & 9
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	22.7	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	1161	pc/h/ln
Average Speed in Ramp Influence Area, SR	60.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	67.6	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	23.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	3		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	2423		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1100		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	2423	1113	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2962	1360	pc/h
Adjacent Ramps	Upstream	Downstream	
Segment Type	Diverge	No Ramp	
Distance to Ramp, LUP/LDOWN	10000	-	ft
Demand Volume, V	0	-	veh/h
Peak Hour Factor, PHF	0.94	-	
Percent Total Trucks	0.00	-	
Heavy Vehicle Adj., fHV	1.000	-	
Terrain Type	Level	-	
Demand Flow Rate, v	0	-	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	841.5	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	0.608	
Flow Rate in Lanes 1 and 2, v12	1801	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	4322	7200	No
vR	1360	2000	No
vR12	3161	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1360	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1801	pc/h
Length of Acceleration Lane, LA	1100	ft
Density in On-Ramp Influence Area, DR	22.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	20.6	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1100	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2962	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1801	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3161	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for On-Ramp, MS	0.336	
Average Speed in Ramp Influence Area, SR	60.6	mi/h
Average Flow in Outer Lanes, vOA	1161	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	67.6	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	23.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	461	876	1204	1451	-
Service Flow Rate (SF), veh/h	1257	2388	3283	3958	-
Service Volume, veh/h	1131	2149	2955	3562	-
One Direction DSV, 1000 veh/day	11	21	30	36	-

Bi-Direction DSV, 1000 veh/day	21	39	54	65	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	635	1207	1659	2000	-
Service Flow Rate (SF), veh/h	577	1097	1508	1818	-
Service Volume, veh/h	519	987	1357	1636	-
One Direction DSV, 1000 veh/day	5	10	14	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	39.4	38.8	23.1	22.8	16.8	16.6	13.4	13.3
LOS	D	D	C	B	B	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:06:28

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.8	mi/h
Density Across All Lanes, D	20.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1798	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1130	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1798	286	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2198	350	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2198	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2548	4800	No
vR	350	2000	No
vR12	2548	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	350	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2198	pc/h
Length of Acceleration Lane, LA	1130	ft
Density in On-Ramp Influence Area, DR	18.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1130	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2198	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2198	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2548	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.292	
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.8	mi/h
Density Across All Lanes, D	20.6	pc/mi/ln

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.6	20.4	13.2	13.0	9.7	9.6	7.8	7.7
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:08:14

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	12.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	15.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1297		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1245		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1297	252	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1585	308	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1585	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1893	4800	No
vR	308	2000	No
vR12	1893	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	308	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1585	pc/h
Length of Acceleration Lane, LA	1245	ft
Density in On-Ramp Influence Area, DR	12.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	11.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1245	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1585	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1585	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1893	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.260	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	15.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	659	1204	1639	2010	-
Service Flow Rate (SF), veh/h	1198	2190	2980	3653	-
Service Volume, veh/h	1078	1971	2682	3288	-
One Direction DSV, 1000 veh/day	11	20	27	33	-
Bi-Direction DSV, 1000 veh/day	20	36	49	60	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	256	468	637	781	-
Service Flow Rate (SF), veh/h	233	425	579	710	-
Service Volume, veh/h	209	383	521	639	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.1	15.0	9.7	9.6	7.2	7.1	5.8	5.7
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:13:47

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	823		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	2		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1025		ft
Length of Second Acceleration Lane, LA2	825		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	823	170	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1006	208	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1006	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1214	4800	No
vR	208	4000	No
vR12	1214	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	208	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1006	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	5.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	5.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1006	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1006	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1214	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.229	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	736	1279	1708	1989	-
Service Flow Rate (SF), veh/h	1338	2326	3104	3616	-
Service Volume, veh/h	1204	2093	2794	3255	-
One Direction DSV, 1000 veh/day	12	21	28	33	-
Bi-Direction DSV, 1000 veh/day	22	38	51	59	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	152	264	353	411	-
Service Flow Rate (SF), veh/h	276	480	641	747	-
Service Volume, veh/h	249	432	577	672	-
One Direction DSV, 1000 veh/day	2	4	6	7	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.7	9.5	6.2	6.1	4.6	4.6	3.7	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:14:59

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.4	mi/h
Density Across All Lanes, D	20.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1349	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1349	680	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1649	831	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1649	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2480	4800	No
vR	831	2000	No
vR12	2480	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	831	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1649	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	19.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1649	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1649	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2480	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.308	
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.4	mi/h
Density Across All Lanes, D	20.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	421	860	1208	1511	1596
Service Flow Rate (SF), veh/h	765	1563	2196	2748	2901
Service Volume, veh/h	688	1407	1977	2473	2611
One Direction DSV, 1000 veh/day	7	14	20	25	26
Bi-Direction DSV, 1000 veh/day	13	26	36	45	47
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	424	867	1218	1524	1609
Service Flow Rate (SF), veh/h	385	788	1107	1385	1462
Service Volume, veh/h	347	709	996	1247	1316
One Direction DSV, 1000 veh/day	3	7	10	12	13

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.2	19.8	13.0	12.7	9.5	9.4	7.6	7.5
LOS	B	B	B	A	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:16:02

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	21.4	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.0	mi/h
Density Across All Lanes, D	25.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1813	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1285	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1813	744	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2216	909	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2216	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3125	4800	No
vR	909	2000	No
vR12	3125	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	909	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2216	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	21.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	19.5	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2216	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2216	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3125	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.320	
Average Speed in Ramp Influence Area, SR	61.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.0	mi/h
Density Across All Lanes, D	25.6	pc/mi/ln

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	25.6	25.4	16.3	16.1	12.0	11.9	9.6	9.5
LOS	C	C	B	B	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:17:17

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	19.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.6	mi/h
Density Across All Lanes, D	25.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2025	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2025	498	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2475	609	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2475	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3084	4800	No
vR	609	2000	No
vR12	3084	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	609	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2475	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	19.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2475	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2475	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3084	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.301	
Average Speed in Ramp Influence Area, SR	61.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.6	mi/h
Density Across All Lanes, D	25.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	716	1241	1657	1926	-
Service Flow Rate (SF), veh/h	1301	2257	3012	3502	-
Service Volume, veh/h	1171	2031	2711	3152	-
One Direction DSV, 1000 veh/day	12	20	27	32	-
Bi-Direction DSV, 1000 veh/day	21	37	49	57	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	352	611	815	947	-
Service Flow Rate (SF), veh/h	320	555	741	861	-
Service Volume, veh/h	288	499	667	775	-
One Direction DSV, 1000 veh/day	3	5	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	25.0	25.0	15.9	15.9	11.9	11.7	9.5	9.3
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:18:18

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	25.5	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	59.7	mi/h
Density Across All Lanes, D	29.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2432	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1100	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2432	407	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2973	497	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2973	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3470	4800	No
vR	497	2000	No
vR12	3470	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	497	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Length of Acceleration Lane, LA	1100	ft
Density in On-Ramp Influence Area, DR	25.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	23.2	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1100	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2973	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3470	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.369	
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	59.7	mi/h
Density Across All Lanes, D	29.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	621	1182	1625	2011	2056
Service Flow Rate (SF), veh/h	1130	2148	2955	3656	3738
Service Volume, veh/h	1017	1933	2659	3291	3364
One Direction DSV, 1000 veh/day	10	19	27	33	34
Bi-Direction DSV, 1000 veh/day	18	35	48	60	61
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	208	396	544	673	688
Service Flow Rate (SF), veh/h	189	360	494	612	626
Service Volume, veh/h	170	324	445	551	563
One Direction DSV, 1000 veh/day	2	3	4	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	29.1	28.7	18.1	17.9	13.2	13.1	10.6	10.5
LOS	C	C	B	B	B	A	B	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_SC 544_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB SC 544 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	22.5	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	60.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	60.7	mi/h
Density Across All Lanes, D	24.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1836	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	890	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1836	558	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2244	682	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2244	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2926	4800	No
vR	682	2000	No
vR12	2926	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	682	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2244	pc/h
Length of Acceleration Lane, LA	890	ft
Density in On-Ramp Influence Area, DR	22.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	20.5	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	890	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2244	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2244	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2926	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.331	
Average Speed in Ramp Influence Area, SR	60.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	60.7	mi/h
Density Across All Lanes, D	24.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	494	998	1395	1745	1841
Service Flow Rate (SF), veh/h	897	1814	2537	3172	3346
Service Volume, veh/h	808	1633	2283	2854	3012
One Direction DSV, 1000 veh/day	8	16	23	29	30
Bi-Direction DSV, 1000 veh/day	15	30	42	52	55
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	300	607	848	1060	1119
Service Flow Rate (SF), veh/h	273	551	771	964	1017
Service Volume, veh/h	245	496	694	868	915
One Direction DSV, 1000 veh/day	2	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	24.1	23.6	15.3	15.1	11.2	11.1	9.0	8.9
LOS	C	B	B	B	B	A	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:20:25

Merge Areas
Alternatives 10 & 11
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	13.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	876	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1435	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	876	520	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1071	636	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1071	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1707	4800	No
vR	636	2000	No
vR12	1707	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	636	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1071	pc/h
Length of Acceleration Lane, LA	1435	ft
Density in On-Ramp Influence Area, DR	9.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1435	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1071	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1071	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1707	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.242	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	13.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	548	963	1292	1506	-
Service Flow Rate (SF), veh/h	995	1750	2348	2738	-
Service Volume, veh/h	896	1575	2114	2464	-
One Direction DSV, 1000 veh/day	9	16	21	25	-
Bi-Direction DSV, 1000 veh/day	16	29	38	45	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	650	1143	1534	1788	-
Service Flow Rate (SF), veh/h	591	1039	1394	1625	-
Service Volume, veh/h	532	935	1255	1463	-
One Direction DSV, 1000 veh/day	5	9	13	15	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.5	13.5	8.8	8.7	6.6	6.5	5.3	5.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:37:39

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	8.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	617	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	617	230	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	754	281	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	754	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1035	4800	No
vR	281	2000	No
vR12	1035	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	281	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	754	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	4.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	3.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	754	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	754	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1035	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.227	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	8.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	651	1130	1510	1748	-
Service Flow Rate (SF), veh/h	1183	2054	2745	3178	-
Service Volume, veh/h	1064	1849	2470	2861	-
One Direction DSV, 1000 veh/day	11	18	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	485	843	1126	1303	-
Service Flow Rate (SF), veh/h	441	766	1023	1185	-
Service Volume, veh/h	397	689	921	1066	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.1	8.1	5.3	5.3	4.0	3.9	3.2	3.1
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:37:18

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.0	mi/h
Density Across All Lanes, D	6.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	641	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1125	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	641	24	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	784	29	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	784	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	813	4800	No
vR	29	2000	No
vR12	813	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	29	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	784	pc/h
Length of Acceleration Lane, LA	1125	ft
Density in On-Ramp Influence Area, DR	4.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1125	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	784	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	784	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	813	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.251	
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.0	mi/h
Density Across All Lanes, D	6.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1389	1322	1835	2259	2313
Service Flow Rate (SF), veh/h	2525	2404	3336	4106	4206
Service Volume, veh/h	2272	2163	3003	3696	3785
One Direction DSV, 1000 veh/day	23	22	30	37	38
Bi-Direction DSV, 1000 veh/day	41	39	55	67	69
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	104	99	137	169	173
Service Flow Rate (SF), veh/h	95	90	125	154	157
Service Volume, veh/h	85	81	112	138	142
One Direction DSV, 1000 veh/day	1	1	1	1	1

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.5	6.4	4.1	4.1	3.1	3.0	2.5	2.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:38:23

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	3.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	6.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	535	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1245	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	535	104	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	654	127	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	654	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	781	4800	No
vR	127	2000	No
vR12	781	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	127	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	654	pc/h
Length of Acceleration Lane, LA	1245	ft
Density in On-Ramp Influence Area, DR	3.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	3.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1245	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	654	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	654	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	781	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.242	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	6.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	658	1204	1639	2009	-
Service Flow Rate (SF), veh/h	1197	2188	2980	3653	-
Service Volume, veh/h	1077	1970	2682	3288	-
One Direction DSV, 1000 veh/day	11	20	27	33	-
Bi-Direction DSV, 1000 veh/day	20	36	49	60	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	256	468	637	781	-
Service Flow Rate (SF), veh/h	233	425	579	710	-
Service Volume, veh/h	209	383	521	639	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.2	6.1	4.0	4.0	3.0	2.9	2.4	2.3
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:39:17

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	1.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.7	mi/h
Density Across All Lanes, D	5.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	385		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	2		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1025		ft
Length of Second Acceleration Lane, LA2	825		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	385	201	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	471	246	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	471	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	717	4800	No
vR	246	4000	No
vR12	717	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	246	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	471	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	1.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	1.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	471	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	471	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	717	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.224	
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.7	mi/h
Density Across All Lanes, D	5.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	590	1024	1368	1577	-
Service Flow Rate (SF), veh/h	1073	1861	2486	2867	-
Service Volume, veh/h	965	1675	2238	2580	-
One Direction DSV, 1000 veh/day	10	17	22	26	-
Bi-Direction DSV, 1000 veh/day	18	30	41	47	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	308	535	714	823	-
Service Flow Rate (SF), veh/h	560	972	1298	1497	-
Service Volume, veh/h	504	875	1168	1347	-
One Direction DSV, 1000 veh/day	5	9	12	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.7	5.6	3.7	3.7	2.8	2.7	2.2	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:41:23

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	8.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	546		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	855		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	546	361	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	667	441	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	667	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1108	4800	No
vR	441	2000	No
vR12	1108	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	441	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	667	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	8.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	7.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	667	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	667	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1108	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.273	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	8.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	382	782	1098	1373	1445
Service Flow Rate (SF), veh/h	694	1421	1996	2496	2627
Service Volume, veh/h	625	1279	1796	2247	2364
One Direction DSV, 1000 veh/day	6	13	18	22	24
Bi-Direction DSV, 1000 veh/day	11	23	33	41	43
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	505	1034	1452	1816	1910
Service Flow Rate (SF), veh/h	459	939	1320	1650	1737
Service Volume, veh/h	413	846	1188	1485	1563
One Direction DSV, 1000 veh/day	4	8	12	15	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.9	8.7	5.8	5.7	4.3	4.2	3.4	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:42:31

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	8.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	621	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1285	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	621	204	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	759	249	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	759	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1008	4800	No
vR	249	2000	No
vR12	1008	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	249	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	759	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	5.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	759	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	759	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1008	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.242	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	8.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	606	1101	1492	1807	-
Service Flow Rate (SF), veh/h	1101	2002	2713	3284	-
Service Volume, veh/h	991	1802	2442	2956	-
One Direction DSV, 1000 veh/day	10	18	24	30	-
Bi-Direction DSV, 1000 veh/day	18	33	44	54	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	398	724	981	1187	-
Service Flow Rate (SF), veh/h	362	658	891	1079	-
Service Volume, veh/h	326	592	802	971	-
One Direction DSV, 1000 veh/day	3	6	8	10	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.0	7.9	5.2	5.1	3.9	3.8	3.1	3.0
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:43:42

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	3.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	7.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	597		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1500		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	597	225	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	730	275	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	730	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1005	4800	No
vR	275	2000	No
vR12	1005	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	275	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	730	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	3.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	3.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	730	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	730	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1005	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.227	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	7.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	650	1128	1506	1743	-
Service Flow Rate (SF), veh/h	1182	2050	2737	3169	-
Service Volume, veh/h	1064	1845	2463	2852	-
One Direction DSV, 1000 veh/day	11	18	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	490	850	1135	1314	-
Service Flow Rate (SF), veh/h	445	773	1032	1194	-
Service Volume, veh/h	401	695	928	1075	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.9	7.9	5.1	5.1	3.9	3.8	3.1	3.0
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:44:43

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.8	mi/h
Density Across All Lanes, D	10.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	843	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1110	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	843	246	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1030	301	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1030	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1331	4800	No
vR	301	2000	No
vR12	1331	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	301	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1030	pc/h
Length of Acceleration Lane, LA	1110	ft
Density in On-Ramp Influence Area, DR	8.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1110	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1030	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1030	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1331	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.258	
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.8	mi/h
Density Across All Lanes, D	10.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	567	1075	1477	1829	1858
Service Flow Rate (SF), veh/h	1031	1955	2685	3325	3378
Service Volume, veh/h	928	1759	2417	2993	3040
One Direction DSV, 1000 veh/day	9	18	24	30	30
Bi-Direction DSV, 1000 veh/day	17	32	44	54	55
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	331	628	862	1068	1084
Service Flow Rate (SF), veh/h	301	570	784	970	986
Service Volume, veh/h	271	513	705	873	887
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.6	10.5	6.8	6.8	5.1	5.0	4.1	4.0
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:45:33

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	12.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	822	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	822	490	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1005	599	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1005	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1604	4800	No
vR	599	2000	No
vR12	1604	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	599	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1005	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	8.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	7.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1005	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1005	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1604	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.235	
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	12.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	563	978	1307	1504	-
Service Flow Rate (SF), veh/h	1023	1779	2376	2734	-
Service Volume, veh/h	921	1601	2139	2460	-
One Direction DSV, 1000 veh/day	9	16	21	25	-
Bi-Direction DSV, 1000 veh/day	17	29	39	45	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	671	1167	1558	1793	-
Service Flow Rate (SF), veh/h	610	1060	1416	1630	-
Service Volume, veh/h	549	954	1275	1467	-
One Direction DSV, 1000 veh/day	5	10	13	15	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.6	12.6	8.2	8.2	6.2	6.1	4.9	4.9
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:46:17

Merge Areas
Alternative 10 & 11
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	24.3	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	59.7	mi/h
Density Across All Lanes, D	30.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1843	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1435	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1843	1132	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2253	1384	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2253	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3637	4800	No
vR	1384	2000	No
vR12	3637	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1384	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2253	pc/h
Length of Acceleration Lane, LA	1435	ft
Density in On-Ramp Influence Area, DR	24.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	22.1	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1435	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2253	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2253	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3637	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.369	
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	59.7	mi/h
Density Across All Lanes, D	30.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	541	951	1276	1487	-
Service Flow Rate (SF), veh/h	983	1729	2320	2703	-
Service Volume, veh/h	884	1556	2088	2433	-
One Direction DSV, 1000 veh/day	9	16	21	24	-
Bi-Direction DSV, 1000 veh/day	16	28	38	44	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	664	1169	1568	1826	-
Service Flow Rate (SF), veh/h	604	1062	1425	1660	-
Service Volume, veh/h	543	956	1282	1494	-
One Direction DSV, 1000 veh/day	5	10	13	15	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	30.5	30.4	19.1	19.0	14.1	13.9	11.2	11.2
LOS	C	C	B	B	B	B	B	B

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	17.0	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1710	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1710	513	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2090	627	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2090	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2717	4800	No
vR	627	2000	No
vR12	2717	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	627	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2090	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	17.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2090	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2090	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2717	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.275	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	687	1191	1591	1846	-
Service Flow Rate (SF), veh/h	1248	2165	2892	3356	-
Service Volume, veh/h	1124	1948	2603	3021	-
One Direction DSV, 1000 veh/day	11	19	26	30	-
Bi-Direction DSV, 1000 veh/day	20	35	47	55	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	412	715	955	1108	-
Service Flow Rate (SF), veh/h	375	649	868	1007	-
Service Volume, veh/h	337	585	781	906	-
One Direction DSV, 1000 veh/day	3	6	8	9	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.8	21.8	14.0	13.9	10.4	10.3	8.3	8.2
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:48:32

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	15.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	17.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1731	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1125	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1731	21	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2116	26	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2116	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2142	4800	No
vR	26	2000	No
vR12	2142	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	26	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2116	pc/h
Length of Acceleration Lane, LA	1125	ft
Density in On-Ramp Influence Area, DR	15.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	13.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1125	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2116	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2116	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2142	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.275	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	17.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	2371	-	-	-	-
Service Flow Rate (SF), veh/h	4311	-	-	-	-
Service Volume, veh/h	3880	-	-	-	-
One Direction DSV, 1000 veh/day	39	-	-	-	-
Bi-Direction DSV, 1000 veh/day	71	-	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	58	-	-	-	-
Service Flow Rate (SF), veh/h	52	-	-	-	-
Service Volume, veh/h	47	-	-	-	-
One Direction DSV, 1000 veh/day	0	-	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.2	17.0	11.0	10.9	8.2	8.0	6.5	6.4
LOS	B	B	A	A	A	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	12.6	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	15.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1421	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1245	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1421	150	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1737	183	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1737	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1920	4800	No
vR	183	2000	No
vR12	1920	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	183	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1737	pc/h
Length of Acceleration Lane, LA	1245	ft
Density in On-Ramp Influence Area, DR	12.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	11.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1245	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1737	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1737	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1920	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.260	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	15.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	711	1295	1764	2171	-
Service Flow Rate (SF), veh/h	1292	2355	3206	3947	-
Service Volume, veh/h	1163	2120	2886	3552	-
One Direction DSV, 1000 veh/day	12	21	29	36	-
Bi-Direction DSV, 1000 veh/day	21	39	52	65	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	150	274	372	458	-
Service Flow Rate (SF), veh/h	136	249	338	417	-
Service Volume, veh/h	123	224	305	375	-
One Direction DSV, 1000 veh/day	1	2	3	4	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.3	15.2	9.8	9.8	7.3	7.2	5.9	5.7
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:49:58

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1150	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1150	197	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1406	241	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1406	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1647	4800	No
vR	241	4000	No
vR12	1647	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	241	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1406	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	8.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1406	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1406	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1647	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.236	
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	759	1316	1756	2049	-
Service Flow Rate (SF), veh/h	1380	2393	3192	3725	-
Service Volume, veh/h	1242	2154	2873	3353	-
One Direction DSV, 1000 veh/day	12	22	29	34	-
Bi-Direction DSV, 1000 veh/day	23	39	52	61	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	130	226	301	351	-
Service Flow Rate (SF), veh/h	236	410	547	638	-
Service Volume, veh/h	213	369	492	574	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.2	13.0	8.5	8.4	6.3	6.2	5.0	4.9
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:51:10

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.5	mi/h
Density Across All Lanes, D	19.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1439	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1439	489	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1759	598	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1759	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2357	4800	No
vR	598	2000	No
vR12	2357	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	598	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1759	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	18.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1759	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1759	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2357	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.302	
Average Speed in Ramp Influence Area, SR	61.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.5	mi/h
Density Across All Lanes, D	19.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	469	961	1349	1689	1791
Service Flow Rate (SF), veh/h	853	1747	2453	3070	3257
Service Volume, veh/h	768	1572	2208	2763	2931
One Direction DSV, 1000 veh/day	8	16	22	28	29
Bi-Direction DSV, 1000 veh/day	14	29	40	50	53
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	319	653	917	1148	1217
Service Flow Rate (SF), veh/h	290	594	834	1043	1107
Service Volume, veh/h	261	534	750	939	996
One Direction DSV, 1000 veh/day	3	5	8	9	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.2	18.8	12.3	12.1	9.0	8.9	7.2	7.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:51:57

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	17.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.0	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1744	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1285	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1744	404	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2132	494	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2132	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2626	4800	No
vR	494	2000	No
vR12	2626	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	494	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2132	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	17.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2132	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2132	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2626	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.285	
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.0	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	652	1184	1605	1949	-
Service Flow Rate (SF), veh/h	1185	2152	2918	3543	-
Service Volume, veh/h	1067	1937	2626	3188	-
One Direction DSV, 1000 veh/day	11	19	26	32	-
Bi-Direction DSV, 1000 veh/day	19	35	48	58	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	302	549	744	903	-
Service Flow Rate (SF), veh/h	275	499	676	821	-
Service Volume, veh/h	247	449	608	739	-
One Direction DSV, 1000 veh/day	2	4	6	7	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.2	21.0	13.6	13.5	10.1	9.9	8.0	7.9
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:52:46

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	21.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1684	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1684	475	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2058	581	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2058	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2639	4800	No
vR	581	2000	No
vR12	2639	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	581	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2058	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	16.5	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2058	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2058	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2639	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.271	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	21.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	695	1207	1613	1872	-
Service Flow Rate (SF), veh/h	1263	2195	2932	3403	-
Service Volume, veh/h	1137	1975	2639	3063	-
One Direction DSV, 1000 veh/day	11	20	26	31	-
Bi-Direction DSV, 1000 veh/day	21	36	48	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	392	681	910	1056	-
Service Flow Rate (SF), veh/h	356	619	827	960	-
Service Volume, veh/h	321	557	744	864	-
One Direction DSV, 1000 veh/day	3	6	7	9	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.1	21.1	13.6	13.5	10.1	10.0	8.1	8.0
LOS	B	B	B	A	B	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.8	mi/h
Density Across All Lanes, D	20.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1872	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1110	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1872	188	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2288	230	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2288	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2518	4800	No
vR	230	2000	No
vR12	2518	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	230	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2288	pc/h
Length of Acceleration Lane, LA	1110	ft
Density in On-Ramp Influence Area, DR	18.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1110	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2288	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2288	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2518	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.292	
Average Speed in Ramp Influence Area, SR	61.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.8	mi/h
Density Across All Lanes, D	20.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	662	1255	1722	2134	2181
Service Flow Rate (SF), veh/h	1204	2281	3131	3879	3965
Service Volume, veh/h	1083	2053	2818	3491	3569
One Direction DSV, 1000 veh/day	11	21	28	35	36
Bi-Direction DSV, 1000 veh/day	20	37	51	63	65
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	133	252	346	429	438
Service Flow Rate (SF), veh/h	121	229	314	390	398
Service Volume, veh/h	109	206	283	351	358
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.4	20.1	13.0	12.9	9.6	9.5	7.7	7.5
LOS	B	B	B	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:54:17

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	20.2	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.4	mi/h
Density Across All Lanes, D	25.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1655	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1655	920	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2023	1125	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2023	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3148	4800	No
vR	1125	2000	No
vR12	3148	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1125	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2023	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	20.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	18.4	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2023	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2023	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3148	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.307	
Average Speed in Ramp Influence Area, SR	61.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.4	mi/h
Density Across All Lanes, D	25.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	577	1002	1339	1543	-
Service Flow Rate (SF), veh/h	1050	1822	2435	2804	-
Service Volume, veh/h	945	1639	2191	2524	-
One Direction DSV, 1000 veh/day	9	16	22	25	-
Bi-Direction DSV, 1000 veh/day	17	30	40	46	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	642	1114	1489	1715	-
Service Flow Rate (SF), veh/h	584	1013	1354	1559	-
Service Volume, veh/h	525	911	1218	1403	-
One Direction DSV, 1000 veh/day	5	9	12	14	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	25.6	25.6	16.3	16.3	12.1	12.0	9.7	9.6
LOS	C	C	B	B	B	B	B	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:55:01

Merge Areas
Alternatives 12 & 13
AM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.0	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	882	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1285	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	882	447	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1078	546	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1078	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1624	4800	No
vR	546	2000	No
vR12	1624	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	546	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1078	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	9.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	9.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1078	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1078	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1624	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.251	
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.0	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	537	975	1322	1593	-
Service Flow Rate (SF), veh/h	976	1773	2404	2896	-
Service Volume, veh/h	878	1596	2164	2606	-
One Direction DSV, 1000 veh/day	9	16	22	26	-
Bi-Direction DSV, 1000 veh/day	16	29	39	47	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	544	989	1340	1614	-
Service Flow Rate (SF), veh/h	494	899	1218	1468	-
Service Volume, veh/h	445	809	1097	1321	-
One Direction DSV, 1000 veh/day	4	8	11	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.9	12.8	8.4	8.3	6.2	6.1	5.0	4.9
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:19:09

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	8.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	623	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	623	230	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	762	281	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	762	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1043	4800	No
vR	281	2000	No
vR12	1043	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	281	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	762	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	4.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	3.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	762	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	762	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1043	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.227	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	8.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	653	1133	1514	1753	-
Service Flow Rate (SF), veh/h	1187	2060	2753	3187	-
Service Volume, veh/h	1068	1854	2478	2868	-
One Direction DSV, 1000 veh/day	11	19	25	29	-
Bi-Direction DSV, 1000 veh/day	19	34	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	482	837	1118	1294	-
Service Flow Rate (SF), veh/h	438	760	1016	1176	-
Service Volume, veh/h	394	684	915	1059	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.2	8.2	5.3	5.3	4.0	3.9	3.2	3.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:22:02

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.0	mi/h
Density Across All Lanes, D	6.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	647	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1125	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	647	24	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	791	29	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	791	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	820	4800	No
vR	29	2000	No
vR12	820	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	29	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	791	pc/h
Length of Acceleration Lane, LA	1125	ft
Density in On-Ramp Influence Area, DR	4.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1125	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	791	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	791	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	820	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.251	
Average Speed in Ramp Influence Area, SR	63.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.0	mi/h
Density Across All Lanes, D	6.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1388	1334	1833	2266	2314
Service Flow Rate (SF), veh/h	2524	2426	3333	4120	4207
Service Volume, veh/h	2272	2183	2999	3708	3786
One Direction DSV, 1000 veh/day	23	22	30	37	38
Bi-Direction DSV, 1000 veh/day	41	40	55	67	69
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	103	99	136	168	172
Service Flow Rate (SF), veh/h	94	90	124	153	156
Service Volume, veh/h	84	81	111	138	140
One Direction DSV, 1000 veh/day	1	1	1	1	1

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.5	6.4	4.2	4.1	3.1	3.0	2.5	2.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:22:53

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	3.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	6.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	537	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1245	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	537	105	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	656	128	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	656	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	784	4800	No
vR	128	2000	No
vR12	784	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	128	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	656	pc/h
Length of Acceleration Lane, LA	1245	ft
Density in On-Ramp Influence Area, DR	3.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	3.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1245	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	656	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	656	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	784	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.242	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	6.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	657	1203	1638	2007	-
Service Flow Rate (SF), veh/h	1195	2187	2977	3650	-
Service Volume, veh/h	1075	1969	2680	3285	-
One Direction DSV, 1000 veh/day	11	20	27	33	-
Bi-Direction DSV, 1000 veh/day	20	36	49	60	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	257	471	640	785	-
Service Flow Rate (SF), veh/h	234	428	582	714	-
Service Volume, veh/h	210	385	524	642	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.2	6.2	4.0	4.0	3.0	2.9	2.4	2.4
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:23:44

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	1.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.7	mi/h
Density Across All Lanes, D	5.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	387	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	387	201	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	473	246	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	473	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	719	4800	No
vR	246	4000	No
vR12	719	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	246	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	473	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	1.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	1.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	473	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	473	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	719	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.224	
Average Speed in Ramp Influence Area, SR	63.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.7	mi/h
Density Across All Lanes, D	5.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	591	1025	1371	1580	-
Service Flow Rate (SF), veh/h	1075	1864	2492	2872	-
Service Volume, veh/h	967	1678	2242	2585	-
One Direction DSV, 1000 veh/day	10	17	22	26	-
Bi-Direction DSV, 1000 veh/day	18	31	41	47	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	307	533	712	820	-
Service Flow Rate (SF), veh/h	558	968	1294	1492	-
Service Volume, veh/h	502	871	1165	1342	-
One Direction DSV, 1000 veh/day	5	9	12	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.7	5.6	3.7	3.7	2.8	2.7	2.2	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:24:58

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	8.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	551	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	551	364	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	674	445	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	674	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1119	4800	No
vR	445	2000	No
vR12	1119	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	445	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	674	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	8.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	7.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	674	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	674	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1119	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.273	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	382	781	1098	1373	1445
Service Flow Rate (SF), veh/h	695	1421	1996	2497	2627
Service Volume, veh/h	625	1279	1796	2247	2365
One Direction DSV, 1000 veh/day	6	13	18	22	24
Bi-Direction DSV, 1000 veh/day	11	23	33	41	43
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	505	1033	1450	1815	1910
Service Flow Rate (SF), veh/h	459	939	1318	1649	1736
Service Volume, veh/h	413	845	1187	1485	1562
One Direction DSV, 1000 veh/day	4	8	12	15	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.0	8.8	5.8	5.7	4.3	4.3	3.5	3.4
LOS	A	A	A	A	A	A	A	A

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	5.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.2	mi/h
Density Across All Lanes, D	8.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	625	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1285	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	625	210	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	764	257	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	764	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1021	4800	No
vR	257	2000	No
vR12	1021	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	257	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	764	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	5.3	pc/mi/ln
Density in On-Ramp Influence Area, DR	4.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	764	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	764	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1021	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.242	
Average Speed in Ramp Influence Area, SR	63.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.2	mi/h
Density Across All Lanes, D	8.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	603	1094	1485	1796	-
Service Flow Rate (SF), veh/h	1096	1990	2699	3266	-
Service Volume, veh/h	986	1791	2429	2939	-
One Direction DSV, 1000 veh/day	10	18	24	29	-
Bi-Direction DSV, 1000 veh/day	18	33	44	53	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	405	736	998	1207	-
Service Flow Rate (SF), veh/h	368	669	907	1097	-
Service Volume, veh/h	331	602	816	988	-
One Direction DSV, 1000 veh/day	3	6	8	10	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.1	8.0	5.2	5.2	3.9	3.8	3.1	3.1
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:26:34

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	4.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.6	mi/h
Density Across All Lanes, D	8.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	614	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	614	236	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	751	288	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	751	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1039	4800	No
vR	288	2000	No
vR12	1039	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	288	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	751	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	4.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	3.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	751	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	751	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1039	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.227	
Average Speed in Ramp Influence Area, SR	63.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.6	mi/h
Density Across All Lanes, D	8.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	647	1122	1498	1734	-
Service Flow Rate (SF), veh/h	1175	2040	2723	3152	-
Service Volume, veh/h	1058	1836	2450	2837	-
One Direction DSV, 1000 veh/day	11	18	25	28	-
Bi-Direction DSV, 1000 veh/day	19	33	45	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	497	863	1151	1333	-
Service Flow Rate (SF), veh/h	452	784	1047	1211	-
Service Volume, veh/h	407	706	942	1090	-
One Direction DSV, 1000 veh/day	4	7	9	11	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.2	8.2	5.3	5.3	4.0	3.9	3.2	3.1
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:27:39

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.8	mi/h
Density Across All Lanes, D	10.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	860	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1110	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	860	246	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1051	301	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1051	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1352	4800	No
vR	301	2000	No
vR12	1352	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	301	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1051	pc/h
Length of Acceleration Lane, LA	1110	ft
Density in On-Ramp Influence Area, DR	9.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.2	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1110	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1051	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1051	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1352	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.258	
Average Speed in Ramp Influence Area, SR	62.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.8	mi/h
Density Across All Lanes, D	10.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	570	1080	1483	1837	1866
Service Flow Rate (SF), veh/h	1036	1964	2697	3340	3393
Service Volume, veh/h	932	1767	2427	3006	3053
One Direction DSV, 1000 veh/day	9	18	24	30	31
Bi-Direction DSV, 1000 veh/day	17	32	44	55	56
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	326	618	849	1051	1068
Service Flow Rate (SF), veh/h	296	562	771	955	970
Service Volume, veh/h	267	506	694	860	873
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.8	10.6	6.9	6.9	5.2	5.1	4.1	4.1
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:29:18

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.1	mi/h
Density Across All Lanes, D	12.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	835	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1295	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	835	419	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1021	512	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1021	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1533	4800	No
vR	512	2000	No
vR12	1533	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	512	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1021	pc/h
Length of Acceleration Lane, LA	1295	ft
Density in On-Ramp Influence Area, DR	9.1	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1295	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1021	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1021	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1533	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.248	
Average Speed in Ramp Influence Area, SR	63.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.1	mi/h
Density Across All Lanes, D	12.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	541	981	1330	1598	-
Service Flow Rate (SF), veh/h	984	1783	2417	2905	-
Service Volume, veh/h	885	1605	2175	2615	-
One Direction DSV, 1000 veh/day	9	16	22	26	-
Bi-Direction DSV, 1000 veh/day	16	29	40	48	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	543	985	1334	1604	-
Service Flow Rate (SF), veh/h	494	895	1213	1458	-
Service Volume, veh/h	444	805	1092	1312	-
One Direction DSV, 1000 veh/day	4	8	11	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.1	12.1	7.9	7.8	5.9	5.8	4.7	4.7
LOS	A	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:30:22

Merge Areas
Alternative 12 & 13
PM Peak Hour

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	24.6	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	59.7	mi/h
Density Across All Lanes, D	29.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1900		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Acceleration Lane, LA or LA1	1285		ft
Length of Second Acceleration Lane, LA2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1900	1005	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2322	1228	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2322	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	3550	4800	No
vR	1228	2000	No
vR12	3550	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	1228	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2322	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	24.6	pc/mi/ln
Density in On-Ramp Influence Area, DR	22.4	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2322	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2322	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	3550	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.367	
Average Speed in Ramp Influence Area, SR	59.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	59.7	mi/h
Density Across All Lanes, D	29.7	pc/mi/ln

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	29.7	29.5	18.6	18.5	13.7	13.6	11.0	10.9
LOS	C	C	B	B	B	B	B	B

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:31:32

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 701 Loop On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	21.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Highway/CD Roadway	
Demand Volume, V	1716	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1716	485	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2098	593	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2098	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2691	4400	No
vR	593	2000	No
vR12	2691	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4400	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4400	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	593	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2098	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	16.9	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2098	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2098	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2691	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.274	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	21.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	695	1207	1612	1715	-
Service Flow Rate (SF), veh/h	1264	2193	2930	3118	-
Service Volume, veh/h	1138	1974	2637	2806	-
One Direction DSV, 1000 veh/day	11	20	26	28	-
Bi-Direction DSV, 1000 veh/day	21	36	48	51	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	393	682	911	970	-
Service Flow Rate (SF), veh/h	357	620	828	881	-
Service Volume, veh/h	322	558	745	793	-
One Direction DSV, 1000 veh/day	3	6	7	8	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.6	21.6	13.8	13.8	10.3	10.2	8.3	8.1
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:32:42

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	15.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.3	mi/h
Density Across All Lanes, D	17.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1737	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1125	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1737	21	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2123	26	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2123	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2149	4800	No
vR	26	2000	No
vR12	2149	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	26	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2123	pc/h
Length of Acceleration Lane, LA	1125	ft
Density in On-Ramp Influence Area, DR	15.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	13.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1125	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2123	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2123	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2149	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.276	
Average Speed in Ramp Influence Area, SR	62.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.3	mi/h
Density Across All Lanes, D	17.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	2371	-	-	-	-
Service Flow Rate (SF), veh/h	4311	-	-	-	-
Service Volume, veh/h	3880	-	-	-	-
One Direction DSV, 1000 veh/day	39	-	-	-	-
Bi-Direction DSV, 1000 veh/day	71	-	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	57	-	-	-	-
Service Flow Rate (SF), veh/h	52	-	-	-	-
Service Volume, veh/h	47	-	-	-	-
One Direction DSV, 1000 veh/day	0	-	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.2	17.1	11.0	10.9	8.2	8.0	6.5	6.4
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:33:34

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	12.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.7	mi/h
Density Across All Lanes, D	15.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1446	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1245	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1446	144	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1768	176	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1768	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1944	4800	No
vR	176	2000	No
vR12	1944	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	176	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1768	pc/h
Length of Acceleration Lane, LA	1245	ft
Density in On-Ramp Influence Area, DR	12.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	11.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1245	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1768	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1768	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1944	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.261	
Average Speed in Ramp Influence Area, SR	62.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.7	mi/h
Density Across All Lanes, D	15.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	713	1305	1773	2181	2183
Service Flow Rate (SF), veh/h	1296	2373	3223	3965	3968
Service Volume, veh/h	1167	2136	2901	3569	3571
One Direction DSV, 1000 veh/day	12	21	29	36	36
Bi-Direction DSV, 1000 veh/day	21	39	53	65	65
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	142	260	353	434	435
Service Flow Rate (SF), veh/h	129	236	321	395	395
Service Volume, veh/h	116	213	289	355	356
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.5	15.4	9.9	9.9	7.4	7.3	5.9	5.8
LOS	B	B	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:34:32

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	9.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	63.4	mi/h
Density Across All Lanes, D	13.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1173	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	2	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1025	ft
Length of Second Acceleration Lane, LA2	825	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1173	189	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1434	231	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1434	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	1665	4800	No
vR	231	4000	No
vR12	1665	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	4000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	4000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	231	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1434	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	9.0	pc/mi/ln
Density in On-Ramp Influence Area, DR	8.2	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1434	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1434	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	1665	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.237	
Average Speed in Ramp Influence Area, SR	63.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	63.4	mi/h
Density Across All Lanes, D	13.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	763	1328	1772	2067	-
Service Flow Rate (SF), veh/h	1388	2415	3222	3758	-
Service Volume, veh/h	1249	2173	2900	3382	-
One Direction DSV, 1000 veh/day	12	22	29	34	-
Bi-Direction DSV, 1000 veh/day	23	40	53	61	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	123	214	286	333	-
Service Flow Rate (SF), veh/h	224	389	519	605	-
Service Volume, veh/h	201	350	467	545	-
One Direction DSV, 1000 veh/day	2	4	5	5	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.3	13.1	8.6	8.4	6.3	6.2	5.1	5.0
LOS	B	A	A	A	A	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:36:03

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_US 501_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 501 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.5	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1448	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	855	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1448	492	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1770	601	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1770	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2371	4800	No
vR	601	2000	No
vR12	2371	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	601	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1770	pc/h
Length of Acceleration Lane, LA	855	ft
Density in On-Ramp Influence Area, DR	18.4	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.7	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	855	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1770	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1770	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2371	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.303	
Average Speed in Ramp Influence Area, SR	61.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.5	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	469	961	1349	1689	1791
Service Flow Rate (SF), veh/h	853	1747	2452	3070	3257
Service Volume, veh/h	768	1572	2207	2763	2931
One Direction DSV, 1000 veh/day	8	16	22	28	29
Bi-Direction DSV, 1000 veh/day	14	29	40	50	53
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	319	653	917	1148	1217
Service Flow Rate (SF), veh/h	290	594	833	1043	1107
Service Volume, veh/h	261	534	750	939	996
One Direction DSV, 1000 veh/day	3	5	7	9	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.3	18.9	12.3	12.1	9.1	8.9	7.3	7.2
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:37:09

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_US 378_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 378 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	17.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.0	mi/h
Density Across All Lanes, D	21.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1739	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1285	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1739	405	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2126	495	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2126	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2621	4800	No
vR	495	2000	No
vR12	2621	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	495	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2126	pc/h
Length of Acceleration Lane, LA	1285	ft
Density in On-Ramp Influence Area, DR	17.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1285	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2126	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2126	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2621	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.285	
Average Speed in Ramp Influence Area, SR	62.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.0	mi/h
Density Across All Lanes, D	21.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	651	1182	1603	1947	-
Service Flow Rate (SF), veh/h	1183	2149	2913	3539	-
Service Volume, veh/h	1064	1934	2622	3185	-
One Direction DSV, 1000 veh/day	11	19	26	32	-
Bi-Direction DSV, 1000 veh/day	19	35	48	58	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	303	551	746	907	-
Service Flow Rate (SF), veh/h	275	500	679	824	-
Service Volume, veh/h	248	450	611	742	-
One Direction DSV, 1000 veh/day	2	5	6	7	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.1	21.0	13.5	13.4	10.0	9.9	8.0	7.9
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:38:14

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_US 701_LoopON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	16.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	62.4	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1706	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1500	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1706	476	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2085	582	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2085	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2667	4800	No
vR	582	2000	No
vR12	2667	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	582	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2085	pc/h
Length of Acceleration Lane, LA	1500	ft
Density in On-Ramp Influence Area, DR	16.7	pc/mi/ln
Density in On-Ramp Influence Area, DR	15.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1500	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2085	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2085	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2667	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.272	
Average Speed in Ramp Influence Area, SR	62.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	62.4	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	697	1210	1615	1876	-
Service Flow Rate (SF), veh/h	1267	2199	2937	3411	-
Service Volume, veh/h	1141	1979	2643	3070	-
One Direction DSV, 1000 veh/day	11	20	26	31	-
Bi-Direction DSV, 1000 veh/day	21	36	48	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	389	675	901	1047	-
Service Flow Rate (SF), veh/h	354	614	819	952	-
Service Volume, veh/h	318	552	737	857	-
One Direction DSV, 1000 veh/day	3	6	7	9	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.4	21.4	13.7	13.7	10.2	10.1	8.2	8.0
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:39:12

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_US 701_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 701 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.7	mi/h
Density Across All Lanes, D	21.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1919	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1110	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1919	213	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2346	260	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps		
Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	2346	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2606	4800	No
vR	260	2000	No
vR12	2606	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	260	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2346	pc/h
Length of Acceleration Lane, LA	1110	ft
Density in On-Ramp Influence Area, DR	18.8	pc/mi/ln
Density in On-Ramp Influence Area, DR	17.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1110	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2346	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2346	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2606	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.296	
Average Speed in Ramp Influence Area, SR	61.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.7	mi/h
Density Across All Lanes, D	21.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	658	1243	1706	2111	2160
Service Flow Rate (SF), veh/h	1196	2260	3102	3839	3927
Service Volume, veh/h	1076	2034	2792	3455	3535
One Direction DSV, 1000 veh/day	11	20	28	35	35
Bi-Direction DSV, 1000 veh/day	20	37	51	63	64
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	146	276	379	469	480
Service Flow Rate (SF), veh/h	133	251	344	426	436
Service Volume, veh/h	119	226	310	383	392
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.1	20.8	13.4	13.3	9.9	9.8	8.0	7.8
LOS	B	B	B	A	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:40:28

HCS7 Freeway Merge Text Report

FREEWAY MERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_SC 707_ON.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/9/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB SC 707 On-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in On-Ramp (Merge) Influence Area, DR	18.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	61.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp (Merge) Junction, S	61.9	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1546	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Acceleration Lane, LA or LA1	1295	ft
Length of Second Acceleration Lane, LA2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1546	673	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1890	823	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for On-Ramps

Adjacent Upstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFM	1.000	
Flow Rate in Lanes 1 and 2, v12	1890	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vFO	2713	4800	No
vR	823	2000	No
vR12	2713	4600	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate on Ramp, vR	823	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1890	pc/h
Length of Acceleration Lane, LA	1295	ft
Density in On-Ramp Influence Area, DR	18.2	pc/mi/ln
Density in On-Ramp Influence Area, DR	16.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Length of Acceleration Lane, LA	1295	ft
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1890	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1890	pc/h
Total Demand Flow Entering On-Ramp Infl. Area, vR12	2713	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for On-Ramp, MS	0.289	
Average Speed in Ramp Influence Area, SR	61.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	70.0	mi/h
Average Speed for On-Ramp Junction, S	61.9	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	565	1025	1388	1672	-
Service Flow Rate (SF), veh/h	1027	1864	2523	3040	-
Service Volume, veh/h	925	1677	2271	2736	-
One Direction DSV, 1000 veh/day	9	17	23	27	-
Bi-Direction DSV, 1000 veh/day	17	30	41	50	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	492	893	1208	1456	-
Service Flow Rate (SF), veh/h	447	811	1098	1323	-
Service Volume, veh/h	403	730	989	1191	-
One Direction DSV, 1000 veh/day	4	7	10	12	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5

Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.9	21.8	14.1	14.0	10.4	10.3	8.3	8.2
LOS	B	B	B	B	B	A	A	A

This Freeway Merge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:41:23

Appendix D—HCS Diverge Area Results for 2040 Build Condition

Diverge Areas
Alternative 1
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.6	mi/h
Density Across All Lanes, D	9.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	869	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1500	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	869	475	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1062	581	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1062	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1062	4800	No
vR	581	2000	No
v12	1062	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1062	pc/h
Length of Deceleration Lane, LA	1500	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1062	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1062	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.480	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.6	mi/h
Density Across All Lanes, D	9.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1110	1698	1829	-	-
Service Flow Rate (SF), veh/h	2019	3087	3326	-	-
Service Volume, veh/h	1817	2778	2993	-	-
One Direction DSV, 1000 veh/day	18	28	30	-	-
Bi-Direction DSV, 1000 veh/day	33	51	54	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1214	1856	2000	-	-
Service Flow Rate (SF), veh/h	1104	1687	1818	-	-
Service Volume, veh/h	993	1518	1636	-	-
One Direction DSV, 1000 veh/day	10	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.4	9.4	6.0	5.8	4.4	4.3	3.5	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:48:40

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	12.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.4	mi/h
Density Across All Lanes, D	10.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	977	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	977	530	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1194	648	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1194	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1194	4800	No
vR	648	2000	No
v12	1194	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1194	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	12.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	11.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1194	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1194	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.486	
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.4	mi/h
Density Across All Lanes, D	10.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	443	1031	1496	1843	-
Service Flow Rate (SF), veh/h	806	1874	2719	3351	-
Service Volume, veh/h	725	1687	2447	3016	-
One Direction DSV, 1000 veh/day	7	17	24	30	-
Bi-Direction DSV, 1000 veh/day	13	31	44	55	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	481	1119	1623	2000	-
Service Flow Rate (SF), veh/h	437	1017	1475	1818	-
Service Volume, veh/h	394	915	1328	1636	-
One Direction DSV, 1000 veh/day	4	9	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.6	10.6	6.8	6.6	4.9	4.8	3.9	3.9
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:49:50

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.9	mi/h
Density Across All Lanes, D	7.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	732	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	732	46	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	895	56	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	895	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	895	4800	No
vR	56	2000	No
v12	895	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	895	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	4.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	895	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	895	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.433	
Average Speed in Ramp Influence Area, SR	57.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.9	mi/h
Density Across All Lanes, D	7.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	764	1353	1815	2224	2400
Service Flow Rate (SF), veh/h	1389	2459	3300	4044	4363
Service Volume, veh/h	1250	2213	2970	3640	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	96	170	228	280	302
Service Flow Rate (SF), veh/h	87	155	207	254	274
Service Volume, veh/h	79	139	187	229	247
One Direction DSV, 1000 veh/day	1	1	2	2	2

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.7	7.7	4.8	4.6	3.4	3.3	2.7	2.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:51:33

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.4	mi/h
Density Across All Lanes, D	7.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	687	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	900	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	687	192	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	840	235	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	840	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	840	4800	No
vR	235	2000	No
v12	840	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	840	pc/h
Length of Deceleration Lane, LA	900	ft
Density in Off-Ramp Influence Area, DR	3.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	840	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	840	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.449	
Average Speed in Ramp Influence Area, SR	57.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.4	mi/h
Density Across All Lanes, D	7.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	798	1384	1850	2256	2400
Service Flow Rate (SF), veh/h	1451	2516	3364	4101	4363
Service Volume, veh/h	1306	2264	3027	3691	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	446	774	1034	1261	1341
Service Flow Rate (SF), veh/h	405	703	940	1146	1219
Service Volume, veh/h	365	633	846	1032	1097
One Direction DSV, 1000 veh/day	4	6	8	10	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.3	7.3	4.6	4.4	3.3	3.2	2.6	2.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:53:01

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	82	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.4	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	638	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	615	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	638	399	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	780	488	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.718	
Flow Rate in Lanes 1 and 2, v12	698	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	780	7200	No
vR	488	2000	No
v12	698	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	698	pc/h
Length of Deceleration Lane, LA	615	ft
Density in Off-Ramp Influence Area, DR	4.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	780	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	698	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.472	
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Flow in Outer Lanes, vOA	82	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.4	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	490	967	1066	-	-
Service Flow Rate (SF), veh/h	1337	2636	2907	-	-
Service Volume, veh/h	1203	2372	2616	-	-
One Direction DSV, 1000 veh/day	12	24	26	-	-
Bi-Direction DSV, 1000 veh/day	22	43	48	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	920	1814	2000	-	-
Service Flow Rate (SF), veh/h	836	1648	1818	-	-
Service Volume, veh/h	753	1484	1636	-	-
One Direction DSV, 1000 veh/day	8	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.9	6.9	4.5	4.3	3.2	3.2	2.6	2.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:56:14

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	423	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	423	148	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	517	181	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	517	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	517	4800	No
vR	181	2000	No
v12	517	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	517	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	517	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	517	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.444	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	940	1528	1994	2400	2400
Service Flow Rate (SF), veh/h	1709	2779	3625	4363	4363
Service Volume, veh/h	1539	2501	3262	3927	3927
One Direction DSV, 1000 veh/day	15	25	33	39	39
Bi-Direction DSV, 1000 veh/day	28	45	59	71	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	658	1070	1395	1679	1679
Service Flow Rate (SF), veh/h	598	972	1268	1527	1527
Service Volume, veh/h	538	875	1141	1374	1374
One Direction DSV, 1000 veh/day	5	9	11	14	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.5	4.5	2.9	2.7	2.0	2.0	1.6	1.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:59:17

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.6	mi/h
Density Across All Lanes, D	6.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	620	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	795	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	620	474	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	758	579	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	758	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	758	4800	No
vR	579	2000	No
v12	758	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	758	pc/h
Length of Deceleration Lane, LA	795	ft
Density in Off-Ramp Influence Area, DR	3.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	758	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	758	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.480	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.6	mi/h
Density Across All Lanes, D	6.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	742	1308	-	-	-
Service Flow Rate (SF), veh/h	1348	2378	-	-	-
Service Volume, veh/h	1213	2140	-	-	-
One Direction DSV, 1000 veh/day	12	21	-	-	-
Bi-Direction DSV, 1000 veh/day	22	39	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1134	2000	-	-	-
Service Flow Rate (SF), veh/h	1031	1818	-	-	-
Service Volume, veh/h	928	1636	-	-	-
One Direction DSV, 1000 veh/day	9	16	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.7	6.7	4.4	4.3	3.2	3.2	2.6	2.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:01:26

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	9.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.2	mi/h
Density Across All Lanes, D	7.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	694		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	225		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	694	275	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	848	336	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	848	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	848	4800	No
vR	336	2000	No
v12	848	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	848	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	9.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	8.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	848	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	848	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.458	
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.2	mi/h
Density Across All Lanes, D	7.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	444	1032	1496	1903	2400
Service Flow Rate (SF), veh/h	807	1875	2720	3460	4363
Service Volume, veh/h	727	1688	2448	3114	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	352	818	1186	1508	1902
Service Flow Rate (SF), veh/h	320	743	1078	1371	1729
Service Volume, veh/h	288	669	970	1234	1556
One Direction DSV, 1000 veh/day	3	7	10	12	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.4	7.4	4.7	4.5	3.4	3.3	2.7	2.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:02:54

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_AM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.3	mi/h
Density Across All Lanes, D	10.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	937	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	840	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	937	561	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1145	686	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1145	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1145	4800	No
vR	686	2000	No
v12	1145	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1145	pc/h
Length of Deceleration Lane, LA	840	ft
Density in Off-Ramp Influence Area, DR	6.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1145	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1145	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.490	
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.3	mi/h
Density Across All Lanes, D	10.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	766	1352	1670	-	-
Service Flow Rate (SF), veh/h	1392	2459	3036	-	-
Service Volume, veh/h	1253	2213	2733	-	-
One Direction DSV, 1000 veh/day	13	22	27	-	-
Bi-Direction DSV, 1000 veh/day	23	40	50	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	917	1620	2000	-	-
Service Flow Rate (SF), veh/h	834	1472	1818	-	-
Service Volume, veh/h	750	1325	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.2	10.2	6.6	6.4	4.8	4.7	3.8	3.7
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:15:02

Diverge Areas
Alternative 1
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	7.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.3	mi/h
Density Across All Lanes, D	18.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1634	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1500	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1634	873	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1997	1067	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1997	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1997	4800	No
vR	1067	2000	No
v12	1997	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1997	pc/h
Length of Deceleration Lane, LA	1500	ft
Density in Off-Ramp Influence Area, DR	7.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	7.2	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1997	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1997	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.524	
Average Speed in Ramp Influence Area, SR	55.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.3	mi/h
Density Across All Lanes, D	18.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1111	1698	1872	-	-
Service Flow Rate (SF), veh/h	2020	3087	3403	-	-
Service Volume, veh/h	1818	2778	3062	-	-
One Direction DSV, 1000 veh/day	18	28	31	-	-
Bi-Direction DSV, 1000 veh/day	33	51	56	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1187	1815	2000	-	-
Service Flow Rate (SF), veh/h	1079	1649	1818	-	-
Service Volume, veh/h	971	1484	1636	-	-
One Direction DSV, 1000 veh/day	10	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.1	18.1	11.5	11.2	8.4	8.2	6.7	6.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:17:37

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	22.0	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.9	mi/h
Density Across All Lanes, D	20.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1886	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1886	680	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2305	831	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2305	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2305	4800	No
vR	831	2000	No
v12	2305	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2305	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	22.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	20.0	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2305	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2305	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.503	
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.9	mi/h
Density Across All Lanes, D	20.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	444	1032	1497	1904	2400
Service Flow Rate (SF), veh/h	807	1876	2721	3461	4363
Service Volume, veh/h	726	1688	2449	3115	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	320	744	1079	1373	1731
Service Flow Rate (SF), veh/h	291	676	981	1248	1573
Service Volume, veh/h	262	609	883	1123	1416
One Direction DSV, 1000 veh/day	3	6	9	11	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.6	20.6	12.9	12.4	9.3	9.0	7.4	7.2
LOS	C	B	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:19:20

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	18.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1783	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1783	157	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2179	192	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2179	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2179	4800	No
vR	192	2000	No
v12	2179	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2179	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	15.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2179	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2179	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.445	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	18.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	767	1351	1818	2222	2400
Service Flow Rate (SF), veh/h	1394	2457	3306	4039	4363
Service Volume, veh/h	1254	2211	2975	3635	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	135	238	320	391	423
Service Flow Rate (SF), veh/h	123	216	291	356	384
Service Volume, veh/h	110	195	262	320	346
One Direction DSV, 1000 veh/day	1	2	3	3	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.9	18.9	11.8	11.3	8.3	8.0	6.6	6.4
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:21:16

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.2	mi/h
Density Across All Lanes, D	17.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1626	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	900	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1626	255	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1988	312	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1988	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1988	4800	No
vR	312	2000	No
v12	1988	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1988	pc/h
Length of Deceleration Lane, LA	900	ft
Density in Off-Ramp Influence Area, DR	13.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	12.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1988	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1988	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.456	
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.2	mi/h
Density Across All Lanes, D	17.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	797	1384	1852	2257	2400
Service Flow Rate (SF), veh/h	1449	2516	3366	4104	4363
Service Volume, veh/h	1304	2264	3030	3693	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	250	434	581	708	753
Service Flow Rate (SF), veh/h	227	395	528	644	684
Service Volume, veh/h	205	355	475	579	616
One Direction DSV, 1000 veh/day	2	4	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.4	17.4	10.8	10.3	7.6	7.4	6.1	5.9
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:23:09

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	403	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	59.9	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1535	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	615	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1535	485	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1876	593	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.686	
Flow Rate in Lanes 1 and 2, v12	1473	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1876	7200	No
vR	593	2000	No
v12	1473	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1473	pc/h
Length of Deceleration Lane, LA	615	ft
Density in Off-Ramp Influence Area, DR	11.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1876	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1473	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.481	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	403	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	59.9	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	545	1104	1607	2088	2110
Service Flow Rate (SF), veh/h	1487	3009	4383	5693	5754
Service Volume, veh/h	1339	2708	3945	5124	5178
One Direction DSV, 1000 veh/day	13	27	39	51	52
Bi-Direction DSV, 1000 veh/day	24	49	72	93	94
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	517	1046	1524	1979	2000
Service Flow Rate (SF), veh/h	470	951	1385	1799	1818
Service Volume, veh/h	423	856	1246	1619	1636
One Direction DSV, 1000 veh/day	4	9	12	16	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.6	16.6	10.4	10.0	7.5	7.2	6.0	5.8
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:35:36

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1225	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1225	106	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1497	130	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1497	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1497	4800	No
vR	130	2000	No
v12	1497	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1497	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	6.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1497	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1497	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.440	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	948	1528	1995	2400	2400
Service Flow Rate (SF), veh/h	1723	2779	3626	4363	4363
Service Volume, veh/h	1551	2501	3264	3926	3927
One Direction DSV, 1000 veh/day	16	25	33	39	39
Bi-Direction DSV, 1000 veh/day	28	45	59	71	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	164	265	345	415	415
Service Flow Rate (SF), veh/h	149	240	314	377	378
Service Volume, veh/h	134	216	282	340	340
One Direction DSV, 1000 veh/day	1	2	3	3	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.0	13.0	8.1	7.7	5.7	5.5	4.5	4.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:27:03

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	16.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1583	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	795	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1583	154	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1935	188	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1935	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1935	4800	No
vR	188	2000	No
v12	1935	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1935	pc/h
Length of Deceleration Lane, LA	795	ft
Density in Off-Ramp Influence Area, DR	13.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	12.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1935	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1935	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.445	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	16.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	745	1334	1798	2206	2400
Service Flow Rate (SF), veh/h	1355	2425	3268	4010	4363
Service Volume, veh/h	1219	2182	2941	3609	3927
One Direction DSV, 1000 veh/day	12	22	29	36	39
Bi-Direction DSV, 1000 veh/day	22	40	53	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	145	260	350	429	467
Service Flow Rate (SF), veh/h	132	236	318	390	424
Service Volume, veh/h	119	212	286	351	382
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.8	16.8	10.5	10.0	7.3	7.1	5.9	5.7
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:29:07

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	21.3	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.3	mi/h
Density Across All Lanes, D	19.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1817	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1817	570	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2221	697	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2221	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2221	4800	No
vR	697	2000	No
v12	2221	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2221	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	21.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	19.4	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2221	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2221	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.491	
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.3	mi/h
Density Across All Lanes, D	19.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	445	1030	1496	1903	2400
Service Flow Rate (SF), veh/h	808	1873	2719	3460	4363
Service Volume, veh/h	728	1686	2447	3114	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	44	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	279	647	938	1194	1506
Service Flow Rate (SF), veh/h	254	588	853	1085	1369
Service Volume, veh/h	228	529	768	977	1232
One Direction DSV, 1000 veh/day	2	5	8	10	12

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.7	19.7	12.4	11.8	8.8	8.5	7.1	6.8
LOS	C	B	B	B	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:30:33

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT1_PM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	16.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.5	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1911	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	840	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1911	1126	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2336	1376	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2336	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2336	4800	No
vR	1376	2000	No
v12	2336	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2336	pc/h
Length of Deceleration Lane, LA	840	ft
Density in Off-Ramp Influence Area, DR	16.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	15.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2336	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2336	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.552	
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.5	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	765	1353	1697	-	-
Service Flow Rate (SF), veh/h	1392	2459	3085	-	-
Service Volume, veh/h	1252	2213	2777	-	-
One Direction DSV, 1000 veh/day	13	22	28	-	-
Bi-Direction DSV, 1000 veh/day	23	40	50	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	902	1594	2000	-	-
Service Flow Rate (SF), veh/h	820	1449	1818	-	-
Service Volume, veh/h	738	1304	1636	-	-
One Direction DSV, 1000 veh/day	7	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.4	21.4	13.7	13.4	10.0	9.8	8.0	7.8
LOS	B	B	B	A	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 15:32:51

Diverge Areas
Alternative 2
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	2.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.7	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	880	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1195	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	880	414	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1076	506	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1076	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1076	4800	No
vR	506	2000	No
v12	1076	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1076	pc/h
Length of Deceleration Lane, LA	1195	ft
Density in Off-Ramp Influence Area, DR	2.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1076	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1076	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.474	
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.7	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	951	1539	2003	2126	-
Service Flow Rate (SF), veh/h	1729	2798	3642	3864	-
Service Volume, veh/h	1556	2518	3278	3478	-
One Direction DSV, 1000 veh/day	16	25	33	35	-
Bi-Direction DSV, 1000 veh/day	28	46	60	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	895	1448	1885	2000	-
Service Flow Rate (SF), veh/h	814	1316	1713	1818	-
Service Volume, veh/h	732	1185	1542	1636	-
One Direction DSV, 1000 veh/day	7	12	15	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.5	9.5	6.1	5.8	4.4	4.3	3.5	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:10:54

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	12.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.4	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	959	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	959	518	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1172	633	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1172	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1172	4800	No
vR	633	2000	No
v12	1172	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1172	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	12.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	11.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1172	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1172	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.485	
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.4	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	443	1031	1496	1851	-
Service Flow Rate (SF), veh/h	806	1875	2720	3366	-
Service Volume, veh/h	725	1687	2448	3029	-
One Direction DSV, 1000 veh/day	7	17	24	30	-
Bi-Direction DSV, 1000 veh/day	13	31	45	55	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	479	1114	1616	2000	-
Service Flow Rate (SF), veh/h	435	1013	1469	1818	-
Service Volume, veh/h	392	911	1322	1636	-
One Direction DSV, 1000 veh/day	4	9	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.4	10.4	6.7	6.5	4.8	4.7	3.9	3.8
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:12:18

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.9	mi/h
Density Across All Lanes, D	7.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	728	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	728	47	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	890	57	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	890	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	890	4800	No
vR	57	2000	No
v12	890	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	890	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	4.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	890	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	890	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.433	
Average Speed in Ramp Influence Area, SR	57.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.9	mi/h
Density Across All Lanes, D	7.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	767	1351	1814	2225	2400
Service Flow Rate (SF), veh/h	1394	2457	3298	4045	4363
Service Volume, veh/h	1255	2211	2968	3640	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	99	175	234	287	310
Service Flow Rate (SF), veh/h	90	159	213	261	282
Service Volume, veh/h	81	143	192	235	254
One Direction DSV, 1000 veh/day	1	1	2	2	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.7	7.7	4.8	4.6	3.3	3.3	2.7	2.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:13:36

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	7.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	681	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	900	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	681	185	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	832	226	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	832	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	832	4800	No
vR	226	2000	No
v12	832	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	832	pc/h
Length of Deceleration Lane, LA	900	ft
Density in Off-Ramp Influence Area, DR	3.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	832	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	832	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.448	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	7.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	797	1384	1850	2256	2400
Service Flow Rate (SF), veh/h	1449	2516	3364	4102	4363
Service Volume, veh/h	1304	2265	3027	3692	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	433	752	1005	1226	1304
Service Flow Rate (SF), veh/h	394	684	914	1114	1185
Service Volume, veh/h	354	615	822	1003	1067
One Direction DSV, 1000 veh/day	4	6	8	10	11

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:15:50

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	83	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.4	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	638	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	615	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	638	398	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	780	486	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.718	
Flow Rate in Lanes 1 and 2, v12	697	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	780	7200	No
vR	486	2000	No
v12	697	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	697	pc/h
Length of Deceleration Lane, LA	615	ft
Density in Off-Ramp Influence Area, DR	4.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	780	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	697	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.472	
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Flow in Outer Lanes, vOA	83	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.4	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	491	967	1069	-	-
Service Flow Rate (SF), veh/h	1338	2637	2914	-	-
Service Volume, veh/h	1204	2373	2623	-	-
One Direction DSV, 1000 veh/day	12	24	26	-	-
Bi-Direction DSV, 1000 veh/day	22	43	48	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	918	1810	2000	-	-
Service Flow Rate (SF), veh/h	834	1645	1818	-	-
Service Volume, veh/h	751	1480	1636	-	-
One Direction DSV, 1000 veh/day	8	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.9	6.9	4.5	4.3	3.2	3.2	2.6	2.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:18:20

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	429	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	429	150	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	524	183	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	524	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	524	4800	No
vR	183	2000	No
v12	524	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	524	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	524	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	524	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.444	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	4.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	941	1529	1994	2400	2400
Service Flow Rate (SF), veh/h	1711	2779	3625	4363	4363
Service Volume, veh/h	1540	2501	3262	3927	3927
One Direction DSV, 1000 veh/day	15	25	33	39	39
Bi-Direction DSV, 1000 veh/day	28	45	59	71	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	658	1069	1394	1678	1678
Service Flow Rate (SF), veh/h	598	972	1267	1526	1526
Service Volume, veh/h	538	875	1141	1373	1373
One Direction DSV, 1000 veh/day	5	9	11	14	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.5	4.5	2.9	2.8	2.1	2.0	1.7	1.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:19:34

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	6.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	624	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	795	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	624	146	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	763	178	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	763	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	763	4800	No
vR	178	2000	No
v12	763	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	763	pc/h
Length of Deceleration Lane, LA	795	ft
Density in Off-Ramp Influence Area, DR	3.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	763	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	763	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.444	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	6.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	742	1329	1794	2201	2400
Service Flow Rate (SF), veh/h	1348	2416	3262	4002	4363
Service Volume, veh/h	1213	2175	2936	3602	3927
One Direction DSV, 1000 veh/day	12	22	29	36	39
Bi-Direction DSV, 1000 veh/day	22	40	53	65	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	347	622	840	1030	1123
Service Flow Rate (SF), veh/h	315	565	763	936	1021
Service Volume, veh/h	284	509	687	843	919
One Direction DSV, 1000 veh/day	3	5	7	8	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.6	6.6	4.2	3.9	3.0	2.8	2.4	2.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:20:47

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	9.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	7.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	702	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	702	279	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	858	341	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	858	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	858	4800	No
vR	341	2000	No
v12	858	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	9.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	8.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	858	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.459	
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	7.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	444	1032	1497	1903	2400
Service Flow Rate (SF), veh/h	807	1875	2721	3460	4363
Service Volume, veh/h	727	1688	2449	3114	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	353	820	1190	1513	1908
Service Flow Rate (SF), veh/h	321	745	1081	1375	1734
Service Volume, veh/h	289	671	973	1238	1561
One Direction DSV, 1000 veh/day	3	7	10	12	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.5	7.5	4.8	4.6	3.4	3.3	2.7	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:22:16

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_AM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.7	mi/h
Density Across All Lanes, D	10.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	934		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	840		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	934	440	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1142	538	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1142	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1142	4800	No
vR	538	2000	No
v12	1142	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1142	pc/h
Length of Deceleration Lane, LA	840	ft
Density in Off-Ramp Influence Area, DR	6.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1142	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1142	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.476	
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.7	mi/h
Density Across All Lanes, D	10.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	765	1353	1818	2123	-
Service Flow Rate (SF), veh/h	1391	2459	3304	3859	-
Service Volume, veh/h	1252	2213	2974	3473	-
One Direction DSV, 1000 veh/day	13	22	30	35	-
Bi-Direction DSV, 1000 veh/day	23	40	54	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	721	1275	1712	2000	-
Service Flow Rate (SF), veh/h	655	1159	1557	1818	-
Service Volume, veh/h	590	1043	1401	1636	-
One Direction DSV, 1000 veh/day	6	10	14	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.1	10.1	6.4	6.2	4.6	4.5	3.7	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:24:23

Diverge Areas
Alternative 2
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.1	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1533	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1500	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1533	619	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1874	757	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1874	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1874	4800	No
vR	757	2000	No
v12	1874	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1874	pc/h
Length of Deceleration Lane, LA	1500	ft
Density in Off-Ramp Influence Area, DR	6.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1874	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1874	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.496	
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.1	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1111	1698	2163	2400	-
Service Flow Rate (SF), veh/h	2019	3086	3933	4363	-
Service Volume, veh/h	1817	2778	3539	3927	-
One Direction DSV, 1000 veh/day	18	28	35	39	-
Bi-Direction DSV, 1000 veh/day	33	51	64	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	897	1371	1747	1938	-
Service Flow Rate (SF), veh/h	815	1246	1588	1762	-
Service Volume, veh/h	734	1122	1429	1586	-
One Direction DSV, 1000 veh/day	7	11	14	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.7	16.7	10.6	10.2	7.6	7.4	6.1	5.9
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:25:18

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	22.6	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.9	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1938	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1938	704	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2369	861	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2369	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2369	4800	No
vR	861	2000	No
v12	2369	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2369	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	22.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	20.5	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2369	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2369	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.505	
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.9	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	443	1032	1496	1903	2400
Service Flow Rate (SF), veh/h	806	1875	2721	3459	4363
Service Volume, veh/h	725	1688	2449	3113	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	322	750	1087	1382	1744
Service Flow Rate (SF), veh/h	293	681	988	1256	1585
Service Volume, veh/h	263	613	889	1131	1426
One Direction DSV, 1000 veh/day	3	6	9	11	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.2	21.2	13.3	12.8	9.6	9.2	7.6	7.4
LOS	C	C	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:26:31

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	18.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1776		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	835		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1776	149	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2171	182	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2171	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2171	4800	No
vR	182	2000	No
v12	2171	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2171	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	15.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2171	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2171	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.444	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	18.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	769	1350	1817	2225	2400
Service Flow Rate (SF), veh/h	1398	2454	3303	4044	4363
Service Volume, veh/h	1258	2209	2973	3640	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	129	227	305	373	403
Service Flow Rate (SF), veh/h	117	206	277	339	366
Service Volume, veh/h	106	185	249	305	329
One Direction DSV, 1000 veh/day	1	2	2	3	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.8	18.8	11.7	11.2	8.2	8.0	6.6	6.4
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:27:31

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	17.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1627		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	900		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1627	242	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1989	296	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1989	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1989	4800	No
vR	296	2000	No
v12	1989	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1989	pc/h
Length of Deceleration Lane, LA	900	ft
Density in Off-Ramp Influence Area, DR	13.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	12.1	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1989	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1989	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.455	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	17.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	800	1387	1849	2257	2400
Service Flow Rate (SF), veh/h	1454	2521	3362	4103	4363
Service Volume, veh/h	1309	2269	3026	3693	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	238	413	550	671	714
Service Flow Rate (SF), veh/h	216	375	500	610	649
Service Volume, veh/h	195	337	450	549	584
One Direction DSV, 1000 veh/day	2	3	5	5	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.4	17.4	10.8	10.3	7.6	7.4	6.1	5.9
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:28:39

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	414	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	60.0	mi/h
Density Across All Lanes, D	10.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1551	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	615	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1551	471	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1896	576	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.686	
Flow Rate in Lanes 1 and 2, v12	1482	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1896	7200	No
vR	576	2000	No
v12	1482	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1482	pc/h
Length of Deceleration Lane, LA	615	ft
Density in Off-Ramp Influence Area, DR	11.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1896	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1482	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.480	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	414	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	60.0	mi/h
Density Across All Lanes, D	10.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	548	1108	1616	2106	2195
Service Flow Rate (SF), veh/h	1494	3020	4408	5743	5987
Service Volume, veh/h	1344	2718	3967	5169	5388
One Direction DSV, 1000 veh/day	13	27	40	52	54
Bi-Direction DSV, 1000 veh/day	24	49	72	94	98
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	499	1009	1473	1919	2000
Service Flow Rate (SF), veh/h	454	917	1339	1744	1818
Service Volume, veh/h	408	825	1205	1570	1636
One Direction DSV, 1000 veh/day	4	8	12	16	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.7	16.7	10.5	10.0	7.5	7.2	6.0	5.8
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:29:36

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	13.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1240	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1240	117	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1516	143	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1516	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1516	4800	No
vR	143	2000	No
v12	1516	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1516	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	6.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1516	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1516	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.441	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	13.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	943	1529	1997	2400	-
Service Flow Rate (SF), veh/h	1715	2779	3631	4363	-
Service Volume, veh/h	1543	2501	3268	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	45	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	178	289	377	453	-
Service Flow Rate (SF), veh/h	162	262	343	412	-
Service Volume, veh/h	146	236	308	371	-
One Direction DSV, 1000 veh/day	1	2	3	4	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.1	13.1	8.2	7.8	5.7	5.6	4.6	4.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:30:54

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	16.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1588	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	795	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1588	173	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1941	211	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1941	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1941	4800	No
vR	211	2000	No
v12	1941	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1941	pc/h
Length of Deceleration Lane, LA	795	ft
Density in Off-Ramp Influence Area, DR	13.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	12.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1941	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1941	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.447	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	16.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	748	1331	1797	2204	2400
Service Flow Rate (SF), veh/h	1360	2420	3267	4007	4363
Service Volume, veh/h	1224	2178	2941	3607	3927
One Direction DSV, 1000 veh/day	12	22	29	36	39
Bi-Direction DSV, 1000 veh/day	22	40	53	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	163	290	392	480	523
Service Flow Rate (SF), veh/h	148	264	356	437	475
Service Volume, veh/h	133	237	320	393	428
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.9	16.9	10.5	10.0	7.4	7.2	5.9	5.7
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:31:46

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	21.3	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.3	mi/h
Density Across All Lanes, D	19.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1810		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	225		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1810	546	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2212	667	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2212	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2212	4800	No
vR	667	2000	No
v12	2212	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2212	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	21.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	19.4	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2212	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2212	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.488	
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.3	mi/h
Density Across All Lanes, D	19.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	444	1031	1497	1903	2400
Service Flow Rate (SF), veh/h	808	1874	2721	3459	4363
Service Volume, veh/h	727	1687	2449	3113	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	268	622	903	1148	1448
Service Flow Rate (SF), veh/h	244	565	821	1043	1316
Service Volume, veh/h	219	509	739	939	1185
One Direction DSV, 1000 veh/day	2	5	7	9	12

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.6	19.6	12.3	11.8	8.8	8.5	7.0	6.8
LOS	C	B	B	B	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:32:34

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT2_PM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/12/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.8	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1961	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1050	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1961	1042	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2397	1274	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2397	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2397	4800	No
vR	1274	2000	No
v12	2397	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2397	pc/h
Length of Deceleration Lane, LA	1050	ft
Density in Off-Ramp Influence Area, DR	15.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2397	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2397	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.543	
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.8	mi/h
Density Across All Lanes, D	21.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	875	1463	1882	-	-
Service Flow Rate (SF), veh/h	1591	2659	3421	-	-
Service Volume, veh/h	1432	2393	3079	-	-
One Direction DSV, 1000 veh/day	14	24	31	-	-
Bi-Direction DSV, 1000 veh/day	26	44	56	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	930	1555	2000	-	-
Service Flow Rate (SF), veh/h	845	1413	1818	-	-
Service Volume, veh/h	761	1272	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.9	21.9	13.9	13.5	10.1	9.9	8.1	7.9
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 23:33:32

Diverge Areas
Alternatives 3 & 5
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.6	mi/h
Density Across All Lanes, D	9.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	851	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1500	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	851	474	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1040	579	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1040	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1040	4800	No
vR	579	2000	No
v12	1040	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1040	pc/h
Length of Deceleration Lane, LA	1500	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1040	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1040	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.480	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.6	mi/h
Density Across All Lanes, D	9.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1110	1698	1795	-	-
Service Flow Rate (SF), veh/h	2019	3087	3264	-	-
Service Volume, veh/h	1817	2778	2938	-	-
One Direction DSV, 1000 veh/day	18	28	29	-	-
Bi-Direction DSV, 1000 veh/day	33	51	53	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1237	1892	2000	-	-
Service Flow Rate (SF), veh/h	1124	1719	1818	-	-
Service Volume, veh/h	1012	1547	1636	-	-
One Direction DSV, 1000 veh/day	10	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.2	9.2	5.9	5.7	4.3	4.2	3.4	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:33:27

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.5	mi/h
Density Across All Lanes, D	10.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	924		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	225		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	924	490	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1129	599	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1129	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1129	4800	No
vR	599	2000	No
v12	1129	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1129	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	11.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1129	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1129	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.482	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.5	mi/h
Density Across All Lanes, D	10.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	444	1031	1496	1886	-
Service Flow Rate (SF), veh/h	807	1874	2720	3428	-
Service Volume, veh/h	727	1686	2448	3085	-
One Direction DSV, 1000 veh/day	7	17	24	31	-
Bi-Direction DSV, 1000 veh/day	13	31	45	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	471	1093	1587	2000	-
Service Flow Rate (SF), veh/h	428	994	1442	1818	-
Service Volume, veh/h	385	894	1298	1636	-
One Direction DSV, 1000 veh/day	4	9	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.0	10.0	6.4	6.2	4.6	4.5	3.7	3.6
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:35:31

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.8	mi/h
Density Across All Lanes, D	7.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	737	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	815	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	737	76	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	901	93	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	901	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	901	4800	No
vR	93	2000	No
v12	901	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	901	pc/h
Length of Deceleration Lane, LA	815	ft
Density in Off-Ramp Influence Area, DR	4.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	901	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	901	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.436	
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.8	mi/h
Density Across All Lanes, D	7.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	756	1341	1809	2212	2400
Service Flow Rate (SF), veh/h	1375	2437	3288	4021	4363
Service Volume, veh/h	1238	2194	2959	3619	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	156	277	373	456	495
Service Flow Rate (SF), veh/h	142	251	339	415	450
Service Volume, veh/h	128	226	305	373	405
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.8	7.8	4.9	4.6	3.4	3.3	2.7	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:36:37

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT3_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	7.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	661	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	880	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	661	177	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	808	216	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	808	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	808	4800	No
vR	216	2000	No
v12	808	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	808	pc/h
Length of Deceleration Lane, LA	880	ft
Density in Off-Ramp Influence Area, DR	3.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	808	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	808	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.447	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	7.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	786	1374	1838	2247	2400
Service Flow Rate (SF), veh/h	1429	2498	3342	4085	4363
Service Volume, veh/h	1286	2249	3008	3677	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	421	736	985	1203	1285
Service Flow Rate (SF), veh/h	383	669	895	1094	1168
Service Volume, veh/h	344	602	805	985	1052
One Direction DSV, 1000 veh/day	3	6	8	10	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.0	7.0	4.5	4.2	3.1	3.0	2.5	2.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:40:06

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	79	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.4	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	613	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	613	383	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	749	468	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.720	
Flow Rate in Lanes 1 and 2, v12	670	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	749	7200	No
vR	468	2000	No
v12	670	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	670	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	4.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	749	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	670	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.470	
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Flow in Outer Lanes, vOA	79	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.4	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	492	969	1067	-	-
Service Flow Rate (SF), veh/h	1343	2642	2910	-	-
Service Volume, veh/h	1209	2378	2619	-	-
One Direction DSV, 1000 veh/day	12	24	26	-	-
Bi-Direction DSV, 1000 veh/day	22	43	48	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	923	1816	2000	-	-
Service Flow Rate (SF), veh/h	839	1651	1818	-	-
Service Volume, veh/h	755	1486	1636	-	-
One Direction DSV, 1000 veh/day	8	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.6	6.6	4.3	4.2	3.1	3.1	2.5	2.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:44:08

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	4.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	436	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	436	158	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	533	193	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	533	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	533	4800	No
vR	193	2000	No
v12	533	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	533	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	533	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	533	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.445	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	4.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	941	1529	1994	2400	2400
Service Flow Rate (SF), veh/h	1711	2779	3625	4363	4363
Service Volume, veh/h	1540	2501	3262	3927	3927
One Direction DSV, 1000 veh/day	15	25	33	39	39
Bi-Direction DSV, 1000 veh/day	28	45	59	71	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	682	1108	1445	1739	1739
Service Flow Rate (SF), veh/h	620	1007	1314	1581	1581
Service Volume, veh/h	558	906	1182	1423	1423
One Direction DSV, 1000 veh/day	6	9	12	14	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.6	4.6	3.0	2.8	2.1	2.0	1.7	1.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:45:38

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	6.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	605		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	835		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	605	139	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	740	170	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	740	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	740	4800	No
vR	170	2000	No
v12	740	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	740	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	3.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	740	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	740	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.443	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	6.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	764	1351	1815	2223	2400
Service Flow Rate (SF), veh/h	1389	2457	3299	4042	4363
Service Volume, veh/h	1250	2211	2969	3638	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	351	621	834	1022	1103
Service Flow Rate (SF), veh/h	319	564	758	929	1002
Service Volume, veh/h	287	508	682	836	902
One Direction DSV, 1000 veh/day	3	5	7	8	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.4	6.4	4.1	3.8	2.9	2.8	2.3	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:46:48

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	9.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	7.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	702	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	230	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	702	291	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	858	356	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	858	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	858	4800	No
vR	356	2000	No
v12	858	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Length of Deceleration Lane, LA	230	ft
Density in Off-Ramp Influence Area, DR	9.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	8.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	858	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	858	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.460	
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	7.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	446	1034	1498	1906	2400
Service Flow Rate (SF), veh/h	811	1879	2724	3465	4363
Service Volume, veh/h	730	1691	2452	3119	3927
One Direction DSV, 1000 veh/day	7	17	25	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	370	857	1242	1580	1990
Service Flow Rate (SF), veh/h	336	779	1129	1436	1809
Service Volume, veh/h	303	701	1016	1293	1628
One Direction DSV, 1000 veh/day	3	7	10	13	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.5	7.5	4.8	4.6	3.4	3.3	2.8	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:48:37

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_AM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.3	mi/h
Density Across All Lanes, D	9.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	899	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	840	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	899	544	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1099	665	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1099	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1099	4800	No
vR	665	2000	No
v12	1099	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1099	pc/h
Length of Deceleration Lane, LA	840	ft
Density in Off-Ramp Influence Area, DR	6.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1099	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1099	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.488	
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.3	mi/h
Density Across All Lanes, D	9.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	765	1353	1653	-	-
Service Flow Rate (SF), veh/h	1391	2459	3004	-	-
Service Volume, veh/h	1252	2213	2704	-	-
One Direction DSV, 1000 veh/day	13	22	27	-	-
Bi-Direction DSV, 1000 veh/day	23	40	49	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	926	1637	2000	-	-
Service Flow Rate (SF), veh/h	842	1488	1818	-	-
Service Volume, veh/h	758	1339	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.8	9.8	6.3	6.1	4.6	4.5	3.7	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:49:55

Diverge Areas
Alternative 3 & 5
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	7.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.3	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1602	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1500	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1602	871	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1958	1065	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1958	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1958	4800	No
vR	1065	2000	No
v12	1958	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1958	pc/h
Length of Deceleration Lane, LA	1500	ft
Density in Off-Ramp Influence Area, DR	7.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1958	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1958	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.524	
Average Speed in Ramp Influence Area, SR	55.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.3	mi/h
Density Across All Lanes, D	17.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1111	1698	1839	-	-
Service Flow Rate (SF), veh/h	2020	3087	3344	-	-
Service Volume, veh/h	1818	2778	3009	-	-
One Direction DSV, 1000 veh/day	18	28	30	-	-
Bi-Direction DSV, 1000 veh/day	33	51	55	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1208	1847	2000	-	-
Service Flow Rate (SF), veh/h	1098	1678	1818	-	-
Service Volume, veh/h	988	1511	1636	-	-
One Direction DSV, 1000 veh/day	10	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.7	17.7	11.3	11.0	8.2	8.0	6.6	6.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:50:55

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	22.0	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.9	mi/h
Density Across All Lanes, D	20.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1879	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1879	669	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2297	818	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2297	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2297	4800	No
vR	818	2000	No
v12	2297	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2297	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	22.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	20.0	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2297	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2297	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.502	
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.9	mi/h
Density Across All Lanes, D	20.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	444	1031	1496	1903	2400
Service Flow Rate (SF), veh/h	807	1875	2719	3460	4363
Service Volume, veh/h	726	1688	2447	3114	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	44	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	316	735	1065	1355	1709
Service Flow Rate (SF), veh/h	287	668	968	1232	1553
Service Volume, veh/h	259	601	871	1109	1398
One Direction DSV, 1000 veh/day	3	6	9	11	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.5	20.5	12.9	12.4	9.3	8.9	7.4	7.2
LOS	C	B	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:52:01

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1760	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	815	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1760	166	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2151	203	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2151	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2151	4800	No
vR	203	2000	No
v12	2151	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2151	pc/h
Length of Deceleration Lane, LA	815	ft
Density in Off-Ramp Influence Area, DR	15.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2151	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2151	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.446	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	758	1341	1805	2212	2400
Service Flow Rate (SF), veh/h	1378	2438	3282	4022	4363
Service Volume, veh/h	1240	2194	2954	3619	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	143	253	341	417	453
Service Flow Rate (SF), veh/h	130	230	310	379	412
Service Volume, veh/h	117	207	279	341	370
One Direction DSV, 1000 veh/day	1	2	3	3	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.7	18.7	11.6	11.1	8.1	7.9	6.5	6.4
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:53:02

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT3_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.2	mi/h
Density Across All Lanes, D	17.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1595	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	880	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1595	257	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1950	314	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1950	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1950	4800	No
vR	314	2000	No
v12	1950	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1950	pc/h
Length of Deceleration Lane, LA	880	ft
Density in Off-Ramp Influence Area, DR	13.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	11.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1950	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1950	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.456	
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.2	mi/h
Density Across All Lanes, D	17.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	788	1375	1840	2246	2400
Service Flow Rate (SF), veh/h	1433	2499	3345	4083	4363
Service Volume, veh/h	1290	2249	3010	3675	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	254	443	593	724	773
Service Flow Rate (SF), veh/h	231	403	539	658	703
Service Volume, veh/h	208	362	485	592	633
One Direction DSV, 1000 veh/day	2	4	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.0	17.0	10.6	10.1	7.5	7.2	6.0	5.8
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:54:32

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	396	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	59.9	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1523	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1523	491	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1862	600	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.686	
Flow Rate in Lanes 1 and 2, v12	1466	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1862	7200	No
vR	600	2000	No
v12	1466	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1466	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	11.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1862	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1466	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.482	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	396	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	59.9	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	547	1104	1605	2068	-
Service Flow Rate (SF), veh/h	1492	3010	4377	5639	-
Service Volume, veh/h	1342	2709	3939	5075	-
One Direction DSV, 1000 veh/day	13	27	39	51	-
Bi-Direction DSV, 1000 veh/day	24	49	72	92	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	529	1068	1552	2000	-
Service Flow Rate (SF), veh/h	481	970	1411	1818	-
Service Volume, veh/h	433	873	1270	1636	-
One Direction DSV, 1000 veh/day	4	9	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.5	16.5	10.4	9.9	7.4	7.2	5.9	5.7
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:55:35

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1222	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1222	110	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1494	134	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1494	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1494	4800	No
vR	134	2000	No
v12	1494	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1494	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	6.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1494	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1494	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.440	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	950	1530	1993	2400	-
Service Flow Rate (SF), veh/h	1727	2782	3623	4363	-
Service Volume, veh/h	1554	2504	3261	3927	-
One Direction DSV, 1000 veh/day	16	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	46	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	171	276	359	432	-
Service Flow Rate (SF), veh/h	155	250	326	393	-
Service Volume, veh/h	140	225	294	353	-
One Direction DSV, 1000 veh/day	1	2	3	4	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.9	12.9	8.1	7.7	5.7	5.5	4.5	4.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:57:16

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	16.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1564	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1564	171	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1912	209	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1912	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1912	4800	No
vR	209	2000	No
v12	1912	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1912	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	13.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	12.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1912	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1912	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.447	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	16.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	768	1351	1817	2225	2400
Service Flow Rate (SF), veh/h	1397	2457	3303	4045	4363
Service Volume, veh/h	1257	2211	2973	3641	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	168	296	397	487	525
Service Flow Rate (SF), veh/h	153	269	361	442	477
Service Volume, veh/h	137	242	325	398	429
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.6	16.6	10.3	9.9	7.3	7.1	5.8	5.6
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:58:18

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	21.0	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.4	mi/h
Density Across All Lanes, D	19.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1794		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	230		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1794	539	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2193	659	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2193	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2193	4800	No
vR	659	2000	No
v12	2193	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2193	pc/h
Length of Deceleration Lane, LA	230	ft
Density in Off-Ramp Influence Area, DR	21.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	19.1	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2193	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2193	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.487	
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.4	mi/h
Density Across All Lanes, D	19.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	446	1034	1498	1906	2400
Service Flow Rate (SF), veh/h	811	1880	2724	3465	4363
Service Volume, veh/h	730	1692	2451	3119	3927
One Direction DSV, 1000 veh/day	7	17	25	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	268	622	900	1145	1442
Service Flow Rate (SF), veh/h	244	565	818	1041	1311
Service Volume, veh/h	219	508	737	937	1180
One Direction DSV, 1000 veh/day	2	5	7	9	12

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.4	19.4	12.2	11.6	8.7	8.4	7.0	6.7
LOS	C	B	B	B	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 17:59:12

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_03_PM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	16.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.5	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1905	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	840	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1905	1145	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2329	1400	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2329	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2329	4800	No
vR	1400	2000	No
v12	2329	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2329	pc/h
Length of Deceleration Lane, LA	840	ft
Density in Off-Ramp Influence Area, DR	16.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	15.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2329	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2329	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.554	
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.5	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	765	1352	1664	-	-
Service Flow Rate (SF), veh/h	1391	2458	3025	-	-
Service Volume, veh/h	1252	2212	2722	-	-
One Direction DSV, 1000 veh/day	13	22	27	-	-
Bi-Direction DSV, 1000 veh/day	23	40	49	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	920	1626	2000	-	-
Service Flow Rate (SF), veh/h	836	1478	1818	-	-
Service Volume, veh/h	753	1330	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.4	21.4	13.6	13.3	10.0	9.8	8.0	7.8
LOS	B	B	B	A	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 18:00:13

Diverge Areas
Alternatives 4 & 6
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	2.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.9	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	838	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1195	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	838	359	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1024	439	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1024	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1024	4800	No
vR	439	2000	No
v12	1024	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1024	pc/h
Length of Deceleration Lane, LA	1195	ft
Density in Off-Ramp Influence Area, DR	2.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1024	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1024	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.468	
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.9	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	951	1538	2004	2334	-
Service Flow Rate (SF), veh/h	1729	2797	3643	4244	-
Service Volume, veh/h	1556	2517	3278	3819	-
One Direction DSV, 1000 veh/day	16	25	33	38	-
Bi-Direction DSV, 1000 veh/day	28	46	60	69	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	815	1318	1717	2000	-
Service Flow Rate (SF), veh/h	741	1198	1561	1818	-
Service Volume, veh/h	667	1078	1405	1636	-
One Direction DSV, 1000 veh/day	7	11	14	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.0	9.0	5.7	5.5	4.1	4.0	3.3	3.2
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:02:50

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	12.0	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.5	mi/h
Density Across All Lanes, D	10.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	933	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	225	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	933	494	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1140	604	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1140	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1140	4800	No
vR	604	2000	No
v12	1140	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1140	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	12.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1140	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1140	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.482	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.5	mi/h
Density Across All Lanes, D	10.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	444	1031	1496	1889	-
Service Flow Rate (SF), veh/h	807	1875	2720	3434	-
Service Volume, veh/h	726	1687	2448	3090	-
One Direction DSV, 1000 veh/day	7	17	24	31	-
Bi-Direction DSV, 1000 veh/day	13	31	45	56	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	470	1092	1584	2000	-
Service Flow Rate (SF), veh/h	427	993	1440	1818	-
Service Volume, veh/h	385	893	1296	1636	-
One Direction DSV, 1000 veh/day	4	9	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.1	10.1	6.5	6.3	4.7	4.6	3.8	3.7
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:04:14

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.8	mi/h
Density Across All Lanes, D	7.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	743	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	815	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	743	77	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	908	94	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	908	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	908	4800	No
vR	94	2000	No
v12	908	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	908	pc/h
Length of Deceleration Lane, LA	815	ft
Density in Off-Ramp Influence Area, DR	4.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	908	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	908	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.436	
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.8	mi/h
Density Across All Lanes, D	7.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	753	1344	1808	2215	2400
Service Flow Rate (SF), veh/h	1368	2443	3287	4027	4363
Service Volume, veh/h	1231	2199	2959	3625	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	22	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	156	279	375	459	497
Service Flow Rate (SF), veh/h	142	253	341	417	452
Service Volume, veh/h	128	228	307	376	407
One Direction DSV, 1000 veh/day	1	2	3	4	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.9	7.9	4.9	4.7	3.4	3.3	2.7	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:05:09

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	7.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	665	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	880	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	665	179	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	813	219	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	813	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	813	4800	No
vR	219	2000	No
v12	813	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	813	pc/h
Length of Deceleration Lane, LA	880	ft
Density in Off-Ramp Influence Area, DR	3.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	813	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	813	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.448	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	7.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	788	1375	1840	2246	2400
Service Flow Rate (SF), veh/h	1432	2499	3345	4083	4363
Service Volume, veh/h	1289	2249	3011	3675	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	424	740	991	1209	1292
Service Flow Rate (SF), veh/h	385	673	900	1099	1174
Service Volume, veh/h	347	605	810	989	1057
One Direction DSV, 1000 veh/day	3	6	8	10	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.1	7.1	4.5	4.2	3.2	3.1	2.5	2.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:06:24

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	80	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.4	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	616	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	616	383	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	753	468	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.720	
Flow Rate in Lanes 1 and 2, v12	673	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	753	7200	No
vR	468	2000	No
v12	673	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	673	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	4.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	753	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	673	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.470	
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Flow in Outer Lanes, vOA	80	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.4	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	493	971	1072	-	-
Service Flow Rate (SF), veh/h	1344	2647	2924	-	-
Service Volume, veh/h	1209	2382	2632	-	-
One Direction DSV, 1000 veh/day	12	24	26	-	-
Bi-Direction DSV, 1000 veh/day	22	43	48	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	919	1811	2000	-	-
Service Flow Rate (SF), veh/h	835	1646	1818	-	-
Service Volume, veh/h	752	1481	1636	-	-
One Direction DSV, 1000 veh/day	8	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.6	6.6	4.3	4.2	3.1	3.1	2.5	2.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:08:27

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	4.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	436	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	436	156	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	533	191	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	533	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	533	4800	No
vR	191	2000	No
v12	533	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	533	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	533	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	533	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.445	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	4.6	pc/mi/ln

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.6	4.6	3.0	2.8	2.1	2.0	1.7	1.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:09:27

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	6.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	609	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	609	139	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	744	170	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	744	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	744	4800	No
vR	170	2000	No
v12	744	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	744	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	3.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	744	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	744	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.443	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	6.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	765	1352	1815	2223	2400
Service Flow Rate (SF), veh/h	1390	2457	3300	4041	4363
Service Volume, veh/h	1251	2212	2970	3637	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	349	617	829	1015	1096
Service Flow Rate (SF), veh/h	317	561	753	922	996
Service Volume, veh/h	286	505	678	830	896
One Direction DSV, 1000 veh/day	3	5	7	8	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.5	6.5	4.1	3.9	2.9	2.8	2.3	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:10:19

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	9.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	7.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	713		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	230		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	713	293	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	872	358	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	872	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	872	4800	No
vR	358	2000	No
v12	872	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	872	pc/h
Length of Deceleration Lane, LA	230	ft
Density in Off-Ramp Influence Area, DR	9.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	8.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	872	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	872	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.460	
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	7.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	447	1034	1498	1906	2400
Service Flow Rate (SF), veh/h	812	1880	2724	3465	4363
Service Volume, veh/h	731	1692	2452	3118	3927
One Direction DSV, 1000 veh/day	7	17	25	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	367	850	1232	1566	1973
Service Flow Rate (SF), veh/h	334	773	1119	1424	1793
Service Volume, veh/h	300	695	1007	1281	1614
One Direction DSV, 1000 veh/day	3	7	10	13	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	7.6	7.6	4.9	4.7	3.5	3.4	2.8	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:12:10

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_AM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.6	mi/h
Density Across All Lanes, D	9.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	916	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1050	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	916	467	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1120	571	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1120	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1120	4800	No
vR	571	2000	No
v12	1120	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1120	pc/h
Length of Deceleration Lane, LA	1050	ft
Density in Off-Ramp Influence Area, DR	4.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1120	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1120	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.479	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.6	mi/h
Density Across All Lanes, D	9.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	876	1463	1928	1961	-
Service Flow Rate (SF), veh/h	1592	2659	3505	3566	-
Service Volume, veh/h	1433	2393	3155	3209	-
One Direction DSV, 1000 veh/day	14	24	32	32	-
Bi-Direction DSV, 1000 veh/day	26	44	57	58	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	893	1492	1966	2000	-
Service Flow Rate (SF), veh/h	812	1356	1787	1818	-
Service Volume, veh/h	731	1220	1608	1636	-
One Direction DSV, 1000 veh/day	7	12	16	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.9	9.9	6.3	6.1	4.6	4.5	3.7	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:13:33

Diverge Areas
Alternative 4 & 6
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	9.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.0	mi/h
Density Across All Lanes, D	16.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1525	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1195	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1525	641	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1864	784	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1864	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1864	4800	No
vR	784	2000	No
v12	1864	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1864	pc/h
Length of Deceleration Lane, LA	1195	ft
Density in Off-Ramp Influence Area, DR	9.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	8.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1864	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1864	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.499	
Average Speed in Ramp Influence Area, SR	56.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.0	mi/h
Density Across All Lanes, D	16.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	952	1539	2004	2379	-
Service Flow Rate (SF), veh/h	1730	2797	3643	4325	-
Service Volume, veh/h	1557	2518	3279	3893	-
One Direction DSV, 1000 veh/day	16	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	46	60	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	800	1294	1685	2000	-
Service Flow Rate (SF), veh/h	727	1176	1531	1818	-
Service Volume, veh/h	654	1058	1378	1636	-
One Direction DSV, 1000 veh/day	7	11	14	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.6	16.6	10.5	10.1	7.6	7.4	6.1	5.9
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:15:15

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	22.6	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.9	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1936		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	225		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1936	690	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2366	843	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2366	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2366	4800	No
vR	843	2000	No
v12	2366	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2366	pc/h
Length of Deceleration Lane, LA	225	ft
Density in Off-Ramp Influence Area, DR	22.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	20.5	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2366	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2366	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.504	
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.9	mi/h
Density Across All Lanes, D	21.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	443	1030	1496	1904	2400
Service Flow Rate (SF), veh/h	806	1873	2719	3461	4363
Service Volume, veh/h	725	1686	2447	3115	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	44	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	316	735	1066	1357	1711
Service Flow Rate (SF), veh/h	287	668	969	1234	1555
Service Volume, veh/h	259	601	872	1110	1400
One Direction DSV, 1000 veh/day	3	6	9	11	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.2	21.2	13.3	12.7	9.5	9.2	7.6	7.4
LOS	C	C	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:16:02

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1762	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	815	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1762	163	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2154	199	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2154	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2154	4800	No
vR	199	2000	No
v12	2154	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2154	pc/h
Length of Deceleration Lane, LA	815	ft
Density in Off-Ramp Influence Area, DR	15.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2154	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2154	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.446	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	757	1343	1809	2214	2400
Service Flow Rate (SF), veh/h	1376	2442	3290	4024	4363
Service Volume, veh/h	1238	2198	2961	3622	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	140	249	335	410	444
Service Flow Rate (SF), veh/h	127	226	304	372	404
Service Volume, veh/h	115	203	274	335	363
One Direction DSV, 1000 veh/day	1	2	3	3	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.7	18.7	11.6	11.1	8.2	8.0	6.5	6.4
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:16:53

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/11/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	17.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1599		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	880		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1599	241	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1955	295	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1955	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1955	4800	No
vR	295	2000	No
v12	1955	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1955	pc/h
Length of Deceleration Lane, LA	880	ft
Density in Off-Ramp Influence Area, DR	13.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	11.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1955	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1955	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.455	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	17.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	790	1375	1841	2246	2400
Service Flow Rate (SF), veh/h	1435	2500	3348	4084	4363
Service Volume, veh/h	1292	2250	3013	3676	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	238	415	555	677	723
Service Flow Rate (SF), veh/h	216	377	505	616	658
Service Volume, veh/h	195	339	454	554	592
One Direction DSV, 1000 veh/day	2	3	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.1	17.1	10.6	10.1	7.5	7.2	6.0	5.8
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:17:56

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	405	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	59.9	mi/h
Density Across All Lanes, D	10.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1539	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1539	483	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1881	590	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.686	
Flow Rate in Lanes 1 and 2, v12	1476	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1881	7200	No
vR	590	2000	No
v12	1476	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1476	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	11.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1881	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1476	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.481	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	405	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	59.9	mi/h
Density Across All Lanes, D	10.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	548	1107	1612	2093	2124
Service Flow Rate (SF), veh/h	1495	3018	4396	5708	5793
Service Volume, veh/h	1345	2716	3956	5138	5213
One Direction DSV, 1000 veh/day	13	27	40	51	52
Bi-Direction DSV, 1000 veh/day	24	49	72	93	95
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	516	1042	1518	1971	2000
Service Flow Rate (SF), veh/h	469	947	1380	1792	1818
Service Volume, veh/h	422	852	1242	1612	1636
One Direction DSV, 1000 veh/day	4	9	12	16	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.6	16.6	10.5	10.0	7.5	7.2	6.0	5.8
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:19:05

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1226	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1226	109	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1499	133	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1499	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1499	4800	No
vR	133	2000	No
v12	1499	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1499	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	6.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1499	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1499	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.440	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	950	1533	1994	2400	-
Service Flow Rate (SF), veh/h	1728	2786	3624	4363	-
Service Volume, veh/h	1555	2507	3262	3927	-
One Direction DSV, 1000 veh/day	16	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	46	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	169	273	355	427	-
Service Flow Rate (SF), veh/h	154	248	322	388	-
Service Volume, veh/h	138	223	290	349	-
One Direction DSV, 1000 veh/day	1	2	3	3	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.0	13.0	8.1	7.7	5.7	5.5	4.5	4.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:20:46

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	13.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.4	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1569	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1569	188	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1918	230	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1918	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1918	4800	No
vR	230	2000	No
v12	1918	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1918	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	13.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	12.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1918	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1918	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.449	
Average Speed in Ramp Influence Area, SR	57.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.4	mi/h
Density Across All Lanes, D	16.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	764	1350	1817	2222	2400
Service Flow Rate (SF), veh/h	1388	2454	3304	4039	4363
Service Volume, veh/h	1249	2209	2973	3635	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	183	324	436	532	575
Service Flow Rate (SF), veh/h	166	294	396	484	523
Service Volume, veh/h	150	265	356	436	471
One Direction DSV, 1000 veh/day	1	3	4	4	5

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.7	16.7	10.4	9.9	7.3	7.1	5.8	5.7
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:21:38

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	20.9	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.4	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1785	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	230	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1785	514	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2182	628	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2182	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2182	4800	No
vR	628	2000	No
v12	2182	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2182	pc/h
Length of Deceleration Lane, LA	230	ft
Density in Off-Ramp Influence Area, DR	20.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	19.0	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2182	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2182	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.485	
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.4	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	446	1034	1499	1907	2400
Service Flow Rate (SF), veh/h	811	1880	2725	3466	4363
Service Volume, veh/h	730	1692	2452	3119	3927
One Direction DSV, 1000 veh/day	7	17	25	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	257	596	863	1098	1382
Service Flow Rate (SF), veh/h	234	541	785	998	1256
Service Volume, veh/h	210	487	706	898	1131
One Direction DSV, 1000 veh/day	2	5	7	9	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.3	19.3	12.1	11.5	8.6	8.3	6.9	6.7
LOS	C	B	B	B	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:22:24

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT4_PM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.8	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1958	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1050	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1958	1059	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2393	1294	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2393	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2393	4800	No
vR	1294	2000	No
v12	2393	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2393	pc/h
Length of Deceleration Lane, LA	1050	ft
Density in Off-Ramp Influence Area, DR	15.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2393	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2393	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.544	
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.8	mi/h
Density Across All Lanes, D	21.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	875	1462	1849	-	-
Service Flow Rate (SF), veh/h	1592	2659	3361	-	-
Service Volume, veh/h	1432	2393	3025	-	-
One Direction DSV, 1000 veh/day	14	24	30	-	-
Bi-Direction DSV, 1000 veh/day	26	44	55	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	947	1582	2000	-	-
Service Flow Rate (SF), veh/h	861	1438	1818	-	-
Service Volume, veh/h	775	1294	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.8	21.8	13.9	13.5	10.1	9.9	8.1	7.9
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 23:23:14

Diverge Areas
Alternative 7
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_SC 544_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB SC 544 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	5.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	896	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	860	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	896	172	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1095	210	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1095	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1095	4800	No
vR	210	2000	No
v12	1095	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1095	pc/h
Length of Deceleration Lane, LA	860	ft
Density in Off-Ramp Influence Area, DR	5.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1095	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1095	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.447	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	776	1365	1830	2235	2400
Service Flow Rate (SF), veh/h	1411	2481	3327	4063	4363
Service Volume, veh/h	1270	2233	2994	3657	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	298	524	703	858	921
Service Flow Rate (SF), veh/h	271	476	639	780	838
Service Volume, veh/h	244	429	575	702	754
One Direction DSV, 1000 veh/day	2	4	6	7	8

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.5	9.5	6.0	5.7	4.2	4.0	3.4	3.2
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:13:51

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	20.7	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.0	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1748		veh/h
Peak Hour Factor, PHF	0.90		

Ramp Data

Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	220		ft
Length of Second Deceleration Lane, LD2	-		ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1748	326	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2137	398	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2137	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2137	4800	No
vR	398	2000	No
v12	2137	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2137	pc/h
Length of Deceleration Lane, LA	220	ft
Density in Off-Ramp Influence Area, DR	20.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	18.8	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2137	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2137	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.464	
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.0	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	442	1029	1495	1902	2400
Service Flow Rate (SF), veh/h	804	1872	2718	3458	4363
Service Volume, veh/h	724	1684	2446	3113	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	44	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	165	384	558	710	895
Service Flow Rate (SF), veh/h	150	349	507	645	814
Service Volume, veh/h	135	314	456	581	732
One Direction DSV, 1000 veh/day	1	3	5	6	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.7	18.7	11.7	11.1	8.3	7.9	6.6	6.3
LOS	C	B	B	B	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:14:52

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_US 701_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	10.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.5	mi/h
Density Across All Lanes, D	15.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1422	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	925	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1422	494	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1738	604	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1738	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1738	4800	No
vR	604	2000	No
v12	1738	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1738	pc/h
Length of Deceleration Lane, LA	925	ft
Density in Off-Ramp Influence Area, DR	10.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	9.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1738	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1738	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.482	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.5	mi/h
Density Across All Lanes, D	15.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	810	1397	1863	2270	2400
Service Flow Rate (SF), veh/h	1473	2539	3386	4126	4363
Service Volume, veh/h	1326	2285	3047	3713	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	42	55	68	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	563	971	1294	1577	1668
Service Flow Rate (SF), veh/h	512	882	1176	1433	1516
Service Volume, veh/h	461	794	1059	1290	1364
One Direction DSV, 1000 veh/day	5	8	11	13	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.4	15.4	9.7	9.3	6.9	6.7	5.6	5.4
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:16:20

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	7.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.9	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	986	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	815	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	986	47	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1205	57	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1205	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1205	4800	No
vR	57	2000	No
v12	1205	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1205	pc/h
Length of Deceleration Lane, LA	815	ft
Density in Off-Ramp Influence Area, DR	7.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1205	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1205	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.433	
Average Speed in Ramp Influence Area, SR	57.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.9	mi/h
Density Across All Lanes, D	10.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	776	1337	1805	2216	2400
Service Flow Rate (SF), veh/h	1411	2431	3281	4029	4363
Service Volume, veh/h	1270	2188	2953	3626	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	74	128	172	211	229
Service Flow Rate (SF), veh/h	67	116	156	192	208
Service Volume, veh/h	61	104	141	173	187
One Direction DSV, 1000 veh/day	1	1	1	2	2

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.4	10.4	6.5	6.2	4.5	4.4	3.6	3.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:17:23

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.9	mi/h
Density Across All Lanes, D	10.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	939	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	880	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	939	368	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1148	450	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1148	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1148	4800	No
vR	450	2000	No
v12	1148	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1148	pc/h
Length of Deceleration Lane, LA	880	ft
Density in Off-Ramp Influence Area, DR	6.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1148	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1148	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.468	
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.9	mi/h
Density Across All Lanes, D	10.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	787	1374	1839	2246	2400
Service Flow Rate (SF), veh/h	1431	2498	3343	4083	4363
Service Volume, veh/h	1288	2248	3008	3675	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	617	1077	1441	1760	1881
Service Flow Rate (SF), veh/h	561	979	1310	1600	1710
Service Volume, veh/h	505	881	1179	1440	1539
One Direction DSV, 1000 veh/day	5	9	12	14	15

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.1	10.1	6.4	6.1	4.6	4.5	3.7	3.6
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:18:34

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	61	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	802	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	802	635	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	980	776	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.700	
Flow Rate in Lanes 1 and 2, v12	919	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	980	7200	No
vR	776	2000	No
v12	919	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	919	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	6.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	980	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	919	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.498	
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Flow in Outer Lanes, vOA	61	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	5.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	465	842	-	-	-
Service Flow Rate (SF), veh/h	1267	2296	-	-	-
Service Volume, veh/h	1141	2067	-	-	-
One Direction DSV, 1000 veh/day	11	21	-	-	-
Bi-Direction DSV, 1000 veh/day	21	38	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1104	2000	-	-	-
Service Flow Rate (SF), veh/h	1004	1818	-	-	-
Service Volume, veh/h	903	1636	-	-	-
One Direction DSV, 1000 veh/day	9	16	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.7	8.7	5.7	5.6	4.2	4.2	3.4	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:19:36

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	3.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	340	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	340	113	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	416	138	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	416	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	416	4800	No
vR	138	2000	No
v12	416	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	416	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	416	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	416	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.440	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	3.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	942	1528	1993	2400	-
Service Flow Rate (SF), veh/h	1712	2777	3623	4363	-
Service Volume, veh/h	1541	2500	3261	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	45	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	626	1016	1325	1595	-
Service Flow Rate (SF), veh/h	569	923	1204	1450	-
Service Volume, veh/h	512	831	1084	1305	-
One Direction DSV, 1000 veh/day	5	8	11	13	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	3.6	3.6	2.3	2.2	1.6	1.6	1.3	1.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:20:41

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	5.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	8.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	814	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	814	230	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	995	281	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	995	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	995	4800	No
vR	281	2000	No
v12	995	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	995	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	5.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	995	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	995	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.453	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	8.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	763	1351	1816	2222	2400
Service Flow Rate (SF), veh/h	1387	2456	3301	4039	4363
Service Volume, veh/h	1248	2211	2971	3635	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	431	764	1026	1256	1356
Service Flow Rate (SF), veh/h	392	694	933	1141	1233
Service Volume, veh/h	353	625	839	1027	1110
One Direction DSV, 1000 veh/day	4	6	8	10	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.7	8.7	5.5	5.2	3.9	3.8	3.1	3.0
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:21:45

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.8	mi/h
Density Across All Lanes, D	10.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	978	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1150	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	978	60	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1195	73	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1195	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1195	4800	No
vR	73	2000	No
v12	1195	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1195	pc/h
Length of Deceleration Lane, LA	1150	ft
Density in Off-Ramp Influence Area, DR	4.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1195	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1195	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.435	
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.8	mi/h
Density Across All Lanes, D	10.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	937	1520	1982	2393	2400
Service Flow Rate (SF), veh/h	1704	2763	3603	4350	4363
Service Volume, veh/h	1534	2487	3242	3915	3927
One Direction DSV, 1000 veh/day	15	25	32	39	39
Bi-Direction DSV, 1000 veh/day	28	45	59	71	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	115	187	243	294	294
Service Flow Rate (SF), veh/h	105	170	221	267	268
Service Volume, veh/h	94	153	199	240	241
One Direction DSV, 1000 veh/day	1	2	2	2	2

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	10.3	10.3	6.5	6.2	4.5	4.4	3.6	3.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:22:35

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_AM_SB_SC 544_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB SC 544 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	19.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.9	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1735	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	360	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1735	996	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2121	1217	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2121	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2121	4800	No
vR	1217	2000	No
v12	2121	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2121	pc/h
Length of Deceleration Lane, LA	360	ft
Density in Off-Ramp Influence Area, DR	19.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	17.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2121	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2121	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.538	
Average Speed in Ramp Influence Area, SR	54.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.9	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	514	1101	1567	1742	-
Service Flow Rate (SF), veh/h	934	2002	2848	3167	-
Service Volume, veh/h	841	1802	2563	2850	-
One Direction DSV, 1000 veh/day	8	18	26	29	-
Bi-Direction DSV, 1000 veh/day	15	33	47	52	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	590	1265	1799	2000	-
Service Flow Rate (SF), veh/h	536	1149	1635	1818	-
Service Volume, veh/h	483	1034	1472	1636	-
One Direction DSV, 1000 veh/day	5	10	15	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.3	19.3	12.3	12.0	9.0	8.8	7.2	7.0
LOS	B	B	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:23:28

Diverge Areas
Alternative 7
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_SC 544_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB SC 544 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	16.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.3	mi/h
Density Across All Lanes, D	20.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1883	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	860	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1883	570	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2302	697	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2302	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2302	4800	No
vR	697	2000	No
v12	2302	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2302	pc/h
Length of Deceleration Lane, LA	860	ft
Density in Off-Ramp Influence Area, DR	16.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2302	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2302	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.491	
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.3	mi/h
Density Across All Lanes, D	20.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	776	1363	1829	2235	2400
Service Flow Rate (SF), veh/h	1411	2477	3325	4063	4363
Service Volume, veh/h	1270	2230	2993	3657	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	470	825	1107	1353	1453
Service Flow Rate (SF), veh/h	427	750	1007	1230	1321
Service Volume, veh/h	385	675	906	1107	1189
One Direction DSV, 1000 veh/day	4	7	9	11	12

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.4	20.4	12.8	12.2	9.1	8.8	7.3	7.1
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:24:31

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	27.8	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.2	mi/h
Density Across All Lanes, D	26.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2432	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	220	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2432	584	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2973	714	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2973	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2973	4800	No
vR	714	2000	No
v12	2973	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Length of Deceleration Lane, LA	220	ft
Density in Off-Ramp Influence Area, DR	27.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	25.3	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2973	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.492	
Average Speed in Ramp Influence Area, SR	56.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.2	mi/h
Density Across All Lanes, D	26.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	441	1030	1495	1901	2400
Service Flow Rate (SF), veh/h	803	1872	2717	3456	4363
Service Volume, veh/h	722	1685	2445	3110	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	31	44	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	212	495	718	913	1153
Service Flow Rate (SF), veh/h	193	450	652	830	1048
Service Volume, veh/h	173	405	587	747	943
One Direction DSV, 1000 veh/day	2	4	6	7	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	26.5	26.5	16.4	15.7	11.7	11.2	9.4	9.0
LOS	C	C	C	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:25:27

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 701_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB US 701 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.7	mi/h
Density Across All Lanes, D	19.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1848	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	925	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1848	423	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2259	517	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2259	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2259	4800	No
vR	517	2000	No
v12	2259	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2259	pc/h
Length of Deceleration Lane, LA	925	ft
Density in Off-Ramp Influence Area, DR	15.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2259	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2259	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.475	
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.7	mi/h
Density Across All Lanes, D	19.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	810	1398	1864	2270	2400
Service Flow Rate (SF), veh/h	1473	2542	3388	4127	4363
Service Volume, veh/h	1326	2287	3049	3715	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	42	55	68	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	371	640	853	1039	1099
Service Flow Rate (SF), veh/h	337	582	776	945	999
Service Volume, veh/h	304	524	698	850	899
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.9	19.9	12.4	11.8	8.8	8.5	7.1	6.8
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:26:37

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	14.6	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	17.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1678	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	815	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1678	225	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2051	275	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2051	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2051	4800	No
vR	275	2000	No
v12	2051	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2051	pc/h
Length of Deceleration Lane, LA	815	ft
Density in Off-Ramp Influence Area, DR	14.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	13.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2051	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2051	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.453	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	17.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	753	1341	1805	2214	2400
Service Flow Rate (SF), veh/h	1369	2437	3282	4025	4363
Service Volume, veh/h	1232	2193	2953	3622	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	22	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	202	360	484	594	644
Service Flow Rate (SF), veh/h	184	327	440	540	585
Service Volume, veh/h	165	294	396	486	527
One Direction DSV, 1000 veh/day	2	3	4	5	5

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.9	17.9	11.1	10.6	7.8	7.6	6.3	6.1
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:27:36

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.6	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.8	mi/h
Density Across All Lanes, D	15.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1452	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	880	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1452	380	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1775	464	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1775	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1775	4800	No
vR	464	2000	No
v12	1775	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1775	pc/h
Length of Deceleration Lane, LA	880	ft
Density in Off-Ramp Influence Area, DR	11.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1775	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1775	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.470	
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.8	mi/h
Density Across All Lanes, D	15.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	787	1375	1839	2246	2400
Service Flow Rate (SF), veh/h	1431	2499	3343	4083	4363
Service Volume, veh/h	1288	2249	3009	3675	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	412	720	962	1176	1256
Service Flow Rate (SF), veh/h	375	654	875	1069	1142
Service Volume, veh/h	337	589	787	962	1028
One Direction DSV, 1000 veh/day	3	6	8	10	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.6	15.6	9.8	9.3	7.0	6.7	5.6	5.4
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:28:46

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 05 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	304	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.8	mi/h
Density Across All Lanes, D	10.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1437	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1437	663	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1757	810	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.679	
Flow Rate in Lanes 1 and 2, v12	1453	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1757	7200	No
vR	810	2000	No
v12	1453	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1453	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	11.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1757	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1453	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.501	
Average Speed in Ramp Influence Area, SR	56.0	mi/h
Average Flow in Outer Lanes, vOA	304	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.8	mi/h
Density Across All Lanes, D	10.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	521	1040	1445	-	-
Service Flow Rate (SF), veh/h	1421	2837	3940	-	-
Service Volume, veh/h	1278	2553	3546	-	-
One Direction DSV, 1000 veh/day	13	26	35	-	-
Bi-Direction DSV, 1000 veh/day	23	46	64	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	721	1440	2000	-	-
Service Flow Rate (SF), veh/h	655	1309	1818	-	-
Service Volume, veh/h	590	1178	1636	-	-
One Direction DSV, 1000 veh/day	6	12	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.7	15.7	10.0	9.6	7.2	7.0	5.8	5.6
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:29:39

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.8	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	914		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	1175		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	914	71	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1117	87	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1117	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1117	4800	No
vR	87	2000	No
v12	1117	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1117	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	3.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1117	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1117	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.436	
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.8	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	946	1529	1999	2400	-
Service Flow Rate (SF), veh/h	1720	2779	3634	4363	-
Service Volume, veh/h	1548	2501	3271	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	45	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	147	238	311	373	-
Service Flow Rate (SF), veh/h	134	216	282	339	-
Service Volume, veh/h	120	194	254	305	-
One Direction DSV, 1000 veh/day	1	2	3	3	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.7	9.7	6.0	5.8	4.2	4.1	3.4	3.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:30:36

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	12.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.8	mi/h
Density Across All Lanes, D	16.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1487	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	835	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1487	396	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1818	484	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1818	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1818	4800	No
vR	484	2000	No
v12	1818	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1818	pc/h
Length of Deceleration Lane, LA	835	ft
Density in Off-Ramp Influence Area, DR	12.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	11.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1818	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1818	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.472	
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.8	mi/h
Density Across All Lanes, D	16.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	764	1350	1815	2222	2400
Service Flow Rate (SF), veh/h	1389	2454	3300	4040	4363
Service Volume, veh/h	1250	2209	2970	3636	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	407	719	967	1184	1278
Service Flow Rate (SF), veh/h	370	654	879	1076	1162
Service Volume, veh/h	333	588	791	968	1046
One Direction DSV, 1000 veh/day	3	6	8	10	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.0	16.0	10.0	9.5	7.1	6.9	5.7	5.5
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:31:26

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.2	mi/h
Density Across All Lanes, D	18.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1702	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1150	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1702	259	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2080	317	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2080	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2080	4800	No
vR	317	2000	No
v12	2080	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2080	pc/h
Length of Deceleration Lane, LA	1150	ft
Density in Off-Ramp Influence Area, DR	11.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.7	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2080	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2080	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.457	
Average Speed in Ramp Influence Area, SR	57.2	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.2	mi/h
Density Across All Lanes, D	18.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	930	1516	1980	2387	2400
Service Flow Rate (SF), veh/h	1690	2757	3600	4340	4363
Service Volume, veh/h	1521	2481	3240	3906	3927
One Direction DSV, 1000 veh/day	15	25	32	39	39
Bi-Direction DSV, 1000 veh/day	28	45	59	71	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	283	462	603	727	730
Service Flow Rate (SF), veh/h	257	420	548	660	664
Service Volume, veh/h	232	378	493	594	598
One Direction DSV, 1000 veh/day	2	4	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.2	18.2	11.3	10.8	8.0	7.7	6.4	6.2
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:32:19

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT7_PM_SB_SC 544_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB SC 544 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	21.6	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	597	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.9	mi/h
Density Across All Lanes, D	17.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2444	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	360	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2444	1158	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2987	1415	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.620	
Flow Rate in Lanes 1 and 2, v12	2390	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2987	7200	No
vR	1415	2000	No
v12	2390	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2390	pc/h
Length of Deceleration Lane, LA	360	ft
Density in Off-Ramp Influence Area, DR	21.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	19.6	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2987	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2390	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.555	
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Flow in Outer Lanes, vOA	597	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.9	mi/h
Density Across All Lanes, D	17.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	407	911	1339	1407	-
Service Flow Rate (SF), veh/h	1109	2483	3652	3837	-
Service Volume, veh/h	998	2235	3287	3453	-
One Direction DSV, 1000 veh/day	10	22	33	35	-
Bi-Direction DSV, 1000 veh/day	18	41	60	63	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	578	1295	1904	2000	-
Service Flow Rate (SF), veh/h	525	1177	1730	1818	-
Service Volume, veh/h	473	1059	1557	1636	-
One Direction DSV, 1000 veh/day	5	11	16	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	27.4	27.4	17.2	16.7	12.5	12.2	10.0	9.7
LOS	C	C	C	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 22:33:19

Diverge Areas
Alternatives 8 & 9
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_SC 544_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB SC 544 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	5.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	9.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	886		veh/h
Peak Hour Factor, PHF	0.90		

Ramp Data

Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	860		ft
Length of Second Deceleration Lane, LD2	-		ft

Junction Components	Freeway	Ramp	
Demand Volume, V	886	166	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1083	203	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-		ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-		ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000		
Flow Rate in Lanes 1 and 2, v12	1083		pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1083	4800	No
vR	203	2000	No
v12	1083	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1083	pc/h
Length of Deceleration Lane, LA	860	ft
Density in Off-Ramp Influence Area, DR	5.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1083	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1083	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.446	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	9.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	777	1364	1829	2235	2400
Service Flow Rate (SF), veh/h	1412	2479	3325	4063	4363
Service Volume, veh/h	1271	2231	2993	3657	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	291	511	685	837	899
Service Flow Rate (SF), veh/h	265	464	623	761	817
Service Volume, veh/h	238	418	561	685	736
One Direction DSV, 1000 veh/day	2	4	6	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.4	9.4	5.9	5.6	4.2	4.0	3.3	3.2
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:22:18

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	20.6	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1749	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	230	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1749	307	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2138	375	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2138	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2138	4800	No
vR	375	2000	No
v12	2138	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2138	pc/h
Length of Deceleration Lane, LA	230	ft
Density in Off-Ramp Influence Area, DR	20.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	18.7	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2138	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2138	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.462	
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	18.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	447	1034	1501	1906	2400
Service Flow Rate (SF), veh/h	813	1880	2728	3465	4363
Service Volume, veh/h	732	1692	2456	3119	3927
One Direction DSV, 1000 veh/day	7	17	25	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	157	363	527	669	843
Service Flow Rate (SF), veh/h	143	330	479	608	766
Service Volume, veh/h	128	297	431	547	689
One Direction DSV, 1000 veh/day	1	3	4	5	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.7	18.7	11.7	11.1	8.2	7.9	6.6	6.3
LOS	C	B	B	B	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:23:27

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 701_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 701 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.6	mi/h
Density Across All Lanes, D	15.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1442	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	915	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1442	470	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1763	575	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1763	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1763	4800	No
vR	575	2000	No
v12	1763	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1763	pc/h
Length of Deceleration Lane, LA	915	ft
Density in Off-Ramp Influence Area, DR	11.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1763	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1763	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.480	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.6	mi/h
Density Across All Lanes, D	15.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	805	1393	1858	2264	2400
Service Flow Rate (SF), veh/h	1464	2532	3378	4116	4363
Service Volume, veh/h	1318	2279	3040	3705	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	525	908	1211	1476	1564
Service Flow Rate (SF), veh/h	477	825	1101	1342	1422
Service Volume, veh/h	430	743	991	1208	1280
One Direction DSV, 1000 veh/day	4	7	10	12	13

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.6	15.6	9.8	9.4	7.0	6.8	5.6	5.4
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:24:37

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	9.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	12.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1139	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	750	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1139	104	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1392	127	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1392	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1392	4800	No
vR	127	2000	No
v12	1392	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1392	pc/h
Length of Deceleration Lane, LA	750	ft
Density in Off-Ramp Influence Area, DR	9.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	8.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1392	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1392	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.439	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	12.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	728	1306	1771	2179	2400
Service Flow Rate (SF), veh/h	1324	2374	3220	3961	4363
Service Volume, veh/h	1192	2137	2898	3565	3927
One Direction DSV, 1000 veh/day	12	21	29	36	39
Bi-Direction DSV, 1000 veh/day	22	39	53	65	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	133	239	323	398	438
Service Flow Rate (SF), veh/h	121	217	294	362	398
Service Volume, veh/h	109	195	265	325	359
One Direction DSV, 1000 veh/day	1	2	3	3	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.1	12.1	7.5	7.2	5.3	5.1	4.2	4.1
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:25:33

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	7.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.0	mi/h
Density Across All Lanes, D	11.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1035	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	875	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1035	341	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1265	417	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1265	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1265	4800	No
vR	417	2000	No
v12	1265	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1265	pc/h
Length of Deceleration Lane, LA	875	ft
Density in Off-Ramp Influence Area, DR	7.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.6	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1265	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1265	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.466	
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.0	mi/h
Density Across All Lanes, D	11.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	785	1372	1837	2243	2400
Service Flow Rate (SF), veh/h	1426	2494	3340	4078	4363
Service Volume, veh/h	1284	2245	3006	3670	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	517	904	1211	1478	1581
Service Flow Rate (SF), veh/h	470	822	1100	1344	1438
Service Volume, veh/h	423	740	990	1209	1294
One Direction DSV, 1000 veh/day	4	7	10	12	13

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.1	11.1	7.0	6.7	5.0	4.8	4.0	3.9
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:26:39

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.1	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	55	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.2	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	5.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	748	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	748	596	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	914	729	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.704	
Flow Rate in Lanes 1 and 2, v12	859	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	914	7200	No
vR	729	2000	No
v12	859	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	859	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	6.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	914	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	859	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.494	
Average Speed in Ramp Influence Area, SR	56.2	mi/h
Average Flow in Outer Lanes, vOA	55	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	5.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	464	837	-	-	-
Service Flow Rate (SF), veh/h	1265	2282	-	-	-
Service Volume, veh/h	1139	2053	-	-	-
One Direction DSV, 1000 veh/day	11	21	-	-	-
Bi-Direction DSV, 1000 veh/day	21	37	-	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1109	2000	-	-	-
Service Flow Rate (SF), veh/h	1008	1818	-	-	-
Service Volume, veh/h	907	1636	-	-	-
One Direction DSV, 1000 veh/day	9	16	-	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.1	8.1	5.3	5.3	3.9	3.9	3.2	3.1
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:27:56

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	3.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	326	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	326	122	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	398	149	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	398	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	398	4800	No
vR	149	2000	No
v12	398	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	398	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	398	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	398	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.441	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	3.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	941	1528	1993	2400	-
Service Flow Rate (SF), veh/h	1710	2779	3624	4363	-
Service Volume, veh/h	1539	2501	3261	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	45	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	704	1144	1492	1796	-
Service Flow Rate (SF), veh/h	640	1040	1356	1633	-
Service Volume, veh/h	576	936	1220	1470	-
One Direction DSV, 1000 veh/day	6	9	12	15	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	3.4	3.4	2.2	2.1	1.6	1.5	1.3	1.2
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:28:49

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.8	mi/h
Density Across All Lanes, D	8.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	756		veh/h
Peak Hour Factor, PHF	0.90		

Ramp Data

Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	830		ft
Length of Second Deceleration Lane, LD2	-		ft

Junction Components	Freeway	Ramp	
Demand Volume, V	756	72	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	924	88	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	924	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	924	4800	No
vR	88	2000	No
v12	924	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	924	pc/h
Length of Deceleration Lane, LA	830	ft
Density in Off-Ramp Influence Area, DR	4.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	4.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	924	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	924	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.436	
Average Speed in Ramp Influence Area, SR	57.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.8	mi/h
Density Across All Lanes, D	8.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	767	1352	1814	2219	2400
Service Flow Rate (SF), veh/h	1393	2458	3298	4035	4363
Service Volume, veh/h	1254	2212	2968	3631	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	146	258	346	423	457
Service Flow Rate (SF), veh/h	133	234	314	384	416
Service Volume, veh/h	119	211	283	346	374
One Direction DSV, 1000 veh/day	1	2	3	3	4

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.0	8.0	5.0	4.8	3.5	3.4	2.8	2.7
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:29:43

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	8.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	11.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1110	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	825	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1110	181	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1357	221	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1357	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1357	4800	No
vR	221	2000	No
v12	1357	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1357	pc/h
Length of Deceleration Lane, LA	825	ft
Density in Off-Ramp Influence Area, DR	8.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	7.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1357	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1357	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.448	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	11.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	757	1346	1812	2218	2400
Service Flow Rate (SF), veh/h	1377	2447	3293	4033	4363
Service Volume, veh/h	1239	2202	2964	3629	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	247	439	591	723	783
Service Flow Rate (SF), veh/h	225	399	537	658	711
Service Volume, veh/h	202	359	483	592	640
One Direction DSV, 1000 veh/day	2	4	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	11.8	11.8	7.4	7.0	5.2	5.0	4.2	4.0
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:30:39

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_AM_SB_SC 544_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB SC 544 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	19.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.9	mi/h
Density Across All Lanes, D	19.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1720	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	360	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1720	1001	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2102	1224	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2102	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2102	4800	No
vR	1224	2000	No
v12	2102	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2102	pc/h
Length of Deceleration Lane, LA	360	ft
Density in Off-Ramp Influence Area, DR	19.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	17.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2102	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2102	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.538	
Average Speed in Ramp Influence Area, SR	54.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.9	mi/h
Density Across All Lanes, D	19.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	515	1101	1566	1718	-
Service Flow Rate (SF), veh/h	936	2002	2847	3124	-
Service Volume, veh/h	842	1802	2563	2811	-
One Direction DSV, 1000 veh/day	8	18	26	28	-
Bi-Direction DSV, 1000 veh/day	15	33	47	51	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	599	1282	1823	2000	-
Service Flow Rate (SF), veh/h	544	1165	1657	1818	-
Service Volume, veh/h	490	1049	1491	1636	-
One Direction DSV, 1000 veh/day	5	10	15	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.1	19.1	12.2	11.9	8.9	8.7	7.1	7.0
LOS	B	B	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:31:37

Diverge Areas
Alternatives 8 & 9
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_SC 544_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB SC 544 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	16.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.3	mi/h
Density Across All Lanes, D	20.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1874	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	860	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1874	564	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2291	689	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2291	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2291	4800	No
vR	689	2000	No
v12	2291	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2291	pc/h
Length of Deceleration Lane, LA	860	ft
Density in Off-Ramp Influence Area, DR	16.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.7	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2291	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2291	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.490	
Average Speed in Ramp Influence Area, SR	56.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.3	mi/h
Density Across All Lanes, D	20.3	pc/mi/ln

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.3	20.3	12.7	12.2	9.1	8.8	7.3	7.0
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:32:29

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	27.7	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.5	mi/h
Density Across All Lanes, D	26.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2423	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	230	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2423	503	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2962	615	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2962	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2962	4800	No
vR	615	2000	No
v12	2962	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2962	pc/h
Length of Deceleration Lane, LA	230	ft
Density in Off-Ramp Influence Area, DR	27.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	25.2	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2962	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2962	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.483	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.5	mi/h
Density Across All Lanes, D	26.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	448	1033	1499	1907	2400
Service Flow Rate (SF), veh/h	814	1878	2725	3467	4363
Service Volume, veh/h	733	1691	2452	3121	3927
One Direction DSV, 1000 veh/day	7	17	25	31	39
Bi-Direction DSV, 1000 veh/day	13	31	45	57	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	186	429	622	792	996
Service Flow Rate (SF), veh/h	169	390	566	720	906
Service Volume, veh/h	152	351	509	648	815
One Direction DSV, 1000 veh/day	2	4	5	6	8

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	26.2	26.2	16.2	15.6	11.6	11.1	9.2	8.9
LOS	C	C	C	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:33:58

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 701_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 701 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	16.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.8	mi/h
Density Across All Lanes, D	20.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1920	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	915	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1920	408	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2347	499	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2347	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2347	4800	No
vR	499	2000	No
v12	2347	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2347	pc/h
Length of Deceleration Lane, LA	915	ft
Density in Off-Ramp Influence Area, DR	16.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.7	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2347	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2347	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.473	
Average Speed in Ramp Influence Area, SR	56.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.8	mi/h
Density Across All Lanes, D	20.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	805	1393	1859	2266	2400
Service Flow Rate (SF), veh/h	1463	2532	3379	4119	4363
Service Volume, veh/h	1317	2279	3041	3707	3927
One Direction DSV, 1000 veh/day	13	23	30	37	39
Bi-Direction DSV, 1000 veh/day	24	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	342	592	790	963	1020
Service Flow Rate (SF), veh/h	311	538	718	875	927
Service Volume, veh/h	280	484	646	788	834
One Direction DSV, 1000 veh/day	3	5	6	8	8

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.7	20.7	12.9	12.2	9.1	8.8	7.3	7.0
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:39:03

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	16.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.0	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1798		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	750		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1798	337	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2198	412	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2198	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2198	4800	No
vR	412	2000	No
v12	2198	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2198	pc/h
Length of Deceleration Lane, LA	750	ft
Density in Off-Ramp Influence Area, DR	16.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2198	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2198	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.465	
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.0	mi/h
Density Across All Lanes, D	19.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	720	1306	1772	2178	2400
Service Flow Rate (SF), veh/h	1309	2374	3222	3959	4363
Service Volume, veh/h	1179	2137	2899	3563	3927
One Direction DSV, 1000 veh/day	12	21	29	36	39
Bi-Direction DSV, 1000 veh/day	21	39	53	65	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	270	490	664	816	900
Service Flow Rate (SF), veh/h	245	445	604	742	818
Service Volume, veh/h	221	400	543	668	736
One Direction DSV, 1000 veh/day	2	4	5	7	7

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.3	19.3	12.0	11.4	8.5	8.2	6.8	6.5
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:36:02

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 378 Loop Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.7	mi/h
Density Across All Lanes, D	15.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1461	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	875	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1461	416	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1786	508	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1786	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1786	4800	No
vR	508	2000	No
v12	1786	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1786	pc/h
Length of Deceleration Lane, LA	875	ft
Density in Off-Ramp Influence Area, DR	11.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1786	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1786	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.474	
Average Speed in Ramp Influence Area, SR	56.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.7	mi/h
Density Across All Lanes, D	15.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	785	1371	1837	2243	2400
Service Flow Rate (SF), veh/h	1427	2493	3340	4078	4363
Service Volume, veh/h	1284	2244	3006	3670	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	447	781	1046	1277	1367
Service Flow Rate (SF), veh/h	406	710	951	1161	1242
Service Volume, veh/h	366	639	856	1045	1118
One Direction DSV, 1000 veh/day	4	6	9	10	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.7	15.7	9.9	9.4	7.0	6.8	5.6	5.4
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:41:13

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	10.1	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	255	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.6	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1297	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1297	634	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1585	775	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.685	
Flow Rate in Lanes 1 and 2, v12	1330	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1585	7200	No
vR	775	2000	No
v12	1330	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1330	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	10.1	pc/mi/ln
Density in Off-Ramp Influence Area, DR	9.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1585	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1330	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.498	
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Flow in Outer Lanes, vOA	255	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.6	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	516	1028	1364	-	-
Service Flow Rate (SF), veh/h	1408	2803	3719	-	-
Service Volume, veh/h	1267	2523	3347	-	-
One Direction DSV, 1000 veh/day	13	25	33	-	-
Bi-Direction DSV, 1000 veh/day	23	46	61	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	757	1508	2000	-	-
Service Flow Rate (SF), veh/h	688	1370	1818	-	-
Service Volume, veh/h	619	1233	1636	-	-
One Direction DSV, 1000 veh/day	6	12	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	14.1	14.1	9.0	8.7	6.5	6.3	5.2	5.1
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:42:05

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	2.7	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	9.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	862	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	862	125	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1054	153	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1054	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1054	4800	No
vR	153	2000	No
v12	1054	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1054	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	2.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1054	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1054	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.442	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	9.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	941	1531	1994	2400	-
Service Flow Rate (SF), veh/h	1711	2783	3625	4363	-
Service Volume, veh/h	1540	2505	3263	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	46	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	273	444	578	696	-
Service Flow Rate (SF), veh/h	248	404	526	633	-
Service Volume, veh/h	223	363	473	569	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.1	9.1	5.7	5.4	4.0	3.9	3.2	3.1
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:43:34

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.0	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	14.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1349	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	830	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1349	280	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1649	342	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1649	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1649	4800	No
vR	342	2000	No
v12	1649	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1649	pc/h
Length of Deceleration Lane, LA	830	ft
Density in Off-Ramp Influence Area, DR	11.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.0	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1649	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1649	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.459	
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	14.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	761	1349	1814	2221	2400
Service Flow Rate (SF), veh/h	1384	2452	3299	4037	4363
Service Volume, veh/h	1246	2207	2969	3633	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	316	560	753	922	996
Service Flow Rate (SF), veh/h	287	509	685	838	906
Service Volume, veh/h	259	458	616	754	815
One Direction DSV, 1000 veh/day	3	5	6	8	8

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	14.4	14.4	9.0	8.6	6.4	6.1	5.1	4.9
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:44:28

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.1	mi/h
Density Across All Lanes, D	19.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1813		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	825		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1813	285	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2216	348	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2216	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2216	4800	No
vR	348	2000	No
v12	2216	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2216	pc/h
Length of Deceleration Lane, LA	825	ft
Density in Off-Ramp Influence Area, DR	15.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2216	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2216	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.459	
Average Speed in Ramp Influence Area, SR	57.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.1	mi/h
Density Across All Lanes, D	19.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	760	1345	1812	2217	2400
Service Flow Rate (SF), veh/h	1382	2446	3294	4031	4363
Service Volume, veh/h	1244	2201	2965	3628	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	239	423	570	697	755
Service Flow Rate (SF), veh/h	217	385	518	634	686
Service Volume, veh/h	196	346	466	570	617
One Direction DSV, 1000 veh/day	2	3	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	19.4	19.4	12.1	11.5	8.5	8.2	6.8	6.6
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:45:15

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT8_PM_SB_SC 544_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB SC 544 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	26.6	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.5	mi/h
Density Across All Lanes, D	27.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	2432	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	360	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	2432	1154	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2973	1411	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2973	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2973	4800	No
vR	1411	2000	No
v12	2973	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Length of Deceleration Lane, LA	360	ft
Density in Off-Ramp Influence Area, DR	26.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	24.2	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2973	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2973	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.555	
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.5	mi/h
Density Across All Lanes, D	27.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	514	1102	1566	1967	2107
Service Flow Rate (SF), veh/h	935	2003	2847	3576	3831
Service Volume, veh/h	841	1803	2563	3218	3448
One Direction DSV, 1000 veh/day	8	18	26	32	34
Bi-Direction DSV, 1000 veh/day	15	33	47	59	63
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	488	1046	1486	1867	2000
Service Flow Rate (SF), veh/h	444	950	1351	1697	1818
Service Volume, veh/h	399	855	1216	1527	1636
One Direction DSV, 1000 veh/day	4	9	12	15	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	27.3	27.3	17.1	16.7	12.5	12.1	10.0	9.7
LOS	C	C	C	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 16:46:00

Diverge Areas
Alternatives 10 & 11
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.6	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	831	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1500	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	831	475	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1016	581	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1016	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1016	4800	No
vR	581	2000	No
v12	1016	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1016	pc/h
Length of Deceleration Lane, LA	1500	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1016	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1016	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.480	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.6	mi/h
Density Across All Lanes, D	9.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1111	1698	1749	-	-
Service Flow Rate (SF), veh/h	2020	3088	3181	-	-
Service Volume, veh/h	1818	2779	2862	-	-
One Direction DSV, 1000 veh/day	18	28	29	-	-
Bi-Direction DSV, 1000 veh/day	33	51	52	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1270	1942	2000	-	-
Service Flow Rate (SF), veh/h	1154	1765	1818	-	-
Service Volume, veh/h	1039	1588	1636	-	-
One Direction DSV, 1000 veh/day	10	16	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.0	9.0	5.8	5.6	4.2	4.1	3.4	3.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:56:03

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.6	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.5	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	876		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	205		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	876	489	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1071	598	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1071	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1071	4800	No
vR	598	2000	No
v12	1071	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1071	pc/h
Length of Deceleration Lane, LA	205	ft
Density in Off-Ramp Influence Area, DR	11.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1071	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1071	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.482	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.5	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	434	1020	1485	1791	-
Service Flow Rate (SF), veh/h	788	1855	2700	3257	-
Service Volume, veh/h	709	1669	2430	2931	-
One Direction DSV, 1000 veh/day	7	17	24	29	-
Bi-Direction DSV, 1000 veh/day	13	30	44	53	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	484	1139	1658	2000	-
Service Flow Rate (SF), veh/h	440	1035	1507	1818	-
Service Volume, veh/h	396	932	1357	1636	-
One Direction DSV, 1000 veh/day	4	9	14	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.5	9.5	6.1	5.9	4.4	4.3	3.5	3.5
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:57:01

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	6.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	641	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	750	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	641	90	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	784	110	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	784	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	784	4800	No
vR	110	2000	No
v12	784	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	784	pc/h
Length of Deceleration Lane, LA	750	ft
Density in Off-Ramp Influence Area, DR	4.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	784	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	784	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.438	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	6.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	719	1307	1772	2179	2400
Service Flow Rate (SF), veh/h	1308	2376	3222	3962	4363
Service Volume, veh/h	1177	2138	2900	3566	3927
One Direction DSV, 1000 veh/day	12	21	29	36	39
Bi-Direction DSV, 1000 veh/day	21	39	53	65	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	202	367	498	612	674
Service Flow Rate (SF), veh/h	184	334	452	556	613
Service Volume, veh/h	165	300	407	501	551
One Direction DSV, 1000 veh/day	2	3	4	5	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.8	6.8	4.3	4.0	3.0	2.9	2.4	2.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:57:55

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	2.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	5.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	551	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	875	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	551	120	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	674	147	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	674	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	674	4800	No
vR	147	2000	No
v12	674	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	674	pc/h
Length of Deceleration Lane, LA	875	ft
Density in Off-Ramp Influence Area, DR	2.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	674	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	674	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.441	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	5.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	785	1371	1837	2243	2400
Service Flow Rate (SF), veh/h	1427	2492	3341	4077	4363
Service Volume, veh/h	1285	2243	3006	3670	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	342	597	800	977	1045
Service Flow Rate (SF), veh/h	311	543	728	888	950
Service Volume, veh/h	280	488	655	799	855
One Direction DSV, 1000 veh/day	3	5	7	8	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.8	5.8	3.7	3.5	2.6	2.5	2.1	2.0
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:58:58

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	63	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.5	mi/h
Density Across All Lanes, D	3.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	535	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	535	348	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	654	425	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.724	
Flow Rate in Lanes 1 and 2, v12	591	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	654	7200	No
vR	425	2000	No
v12	591	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	591	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	3.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	654	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	591	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.466	
Average Speed in Ramp Influence Area, SR	57.0	mi/h
Average Flow in Outer Lanes, vOA	63	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.5	mi/h
Density Across All Lanes, D	3.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	488	959	1025	-	-
Service Flow Rate (SF), veh/h	1330	2614	2795	-	-
Service Volume, veh/h	1197	2353	2515	-	-
One Direction DSV, 1000 veh/day	12	24	25	-	-
Bi-Direction DSV, 1000 veh/day	22	43	46	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	952	1871	2000	-	-
Service Flow Rate (SF), veh/h	865	1700	1818	-	-
Service Volume, veh/h	779	1530	1636	-	-
One Direction DSV, 1000 veh/day	8	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.7	5.7	3.7	3.6	2.7	2.7	2.2	2.1
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 15:59:58

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	404	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	404	164	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	494	200	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	494	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	494	4800	No
vR	200	2000	No
v12	494	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	494	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	494	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	494	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.446	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	941	1529	1993	2400	-
Service Flow Rate (SF), veh/h	1711	2779	3624	4363	-
Service Volume, veh/h	1540	2501	3261	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	45	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	764	1241	1618	1949	-
Service Flow Rate (SF), veh/h	694	1128	1471	1771	-
Service Volume, veh/h	625	1015	1324	1594	-
One Direction DSV, 1000 veh/day	6	10	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.3	4.3	2.8	2.6	2.0	1.9	1.6	1.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 16:00:56

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	2.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	5.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	546		veh/h
Peak Hour Factor, PHF	0.90		

Ramp Data

Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	830		ft
Length of Second Deceleration Lane, LD2	-		ft

Junction Components	Freeway	Ramp	
Demand Volume, V	546	129	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	667	158	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-		ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-		ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000		
Flow Rate in Lanes 1 and 2, v12	667		pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	667	4800	No
vR	158	2000	No
v12	667	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	667	pc/h
Length of Deceleration Lane, LA	830	ft
Density in Off-Ramp Influence Area, DR	2.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.3	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	667	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	667	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.442	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	5.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	762	1347	1814	2220	2400
Service Flow Rate (SF), veh/h	1385	2449	3297	4036	4363
Service Volume, veh/h	1247	2204	2968	3632	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	360	637	857	1049	1134
Service Flow Rate (SF), veh/h	327	579	779	954	1031
Service Volume, veh/h	295	521	701	858	928
One Direction DSV, 1000 veh/day	3	5	7	9	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.8	5.8	3.7	3.5	2.6	2.5	2.1	2.0
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 16:02:00

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	6.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	621		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	820		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	621	249	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	759	304	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	759	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	759	4800	No
vR	304	2000	No
v12	759	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	759	pc/h
Length of Deceleration Lane, LA	820	ft
Density in Off-Ramp Influence Area, DR	3.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	759	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	759	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.455	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	6.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	756	1342	1808	2215	2400
Service Flow Rate (SF), veh/h	1374	2439	3287	4027	4363
Service Volume, veh/h	1236	2195	2958	3624	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	22	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	606	1076	1450	1776	1925
Service Flow Rate (SF), veh/h	551	978	1318	1615	1749
Service Volume, veh/h	496	880	1186	1453	1575
One Direction DSV, 1000 veh/day	5	9	12	15	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.6	6.6	4.2	4.0	3.0	2.9	2.4	2.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 22:59:24

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_AM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	5.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.4	mi/h
Density Across All Lanes, D	9.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	843	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	840	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	843	511	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1030	625	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1030	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1030	4800	No
vR	625	2000	No
v12	1030	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1030	pc/h
Length of Deceleration Lane, LA	840	ft
Density in Off-Ramp Influence Area, DR	5.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1030	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1030	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.484	
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.4	mi/h
Density Across All Lanes, D	9.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	765	1352	1650	-	-
Service Flow Rate (SF), veh/h	1392	2459	2999	-	-
Service Volume, veh/h	1252	2213	2699	-	-
One Direction DSV, 1000 veh/day	13	22	27	-	-
Bi-Direction DSV, 1000 veh/day	23	40	49	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	928	1640	2000	-	-
Service Flow Rate (SF), veh/h	844	1490	1818	-	-
Service Volume, veh/h	759	1341	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.1	9.1	5.9	5.7	4.3	4.2	3.4	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:00:34

Diverge Areas
Alternative 10 & 11
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	7.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.3	mi/h
Density Across All Lanes, D	17.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1584	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1500	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1584	873	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1936	1067	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1936	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1936	4800	No
vR	1067	2000	No
v12	1936	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1936	pc/h
Length of Deceleration Lane, LA	1500	ft
Density in Off-Ramp Influence Area, DR	7.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	6.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1936	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1936	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.524	
Average Speed in Ramp Influence Area, SR	55.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.3	mi/h
Density Across All Lanes, D	17.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	1110	1698	1814	-	-
Service Flow Rate (SF), veh/h	2019	3087	3299	-	-
Service Volume, veh/h	1817	2778	2969	-	-
One Direction DSV, 1000 veh/day	18	28	30	-	-
Bi-Direction DSV, 1000 veh/day	33	51	54	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	1224	1872	2000	-	-
Service Flow Rate (SF), veh/h	1113	1701	1818	-	-
Service Volume, veh/h	1001	1531	1636	-	-
One Direction DSV, 1000 veh/day	10	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	17.5	17.5	11.2	10.9	8.1	7.9	6.5	6.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:01:35

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	21.8	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.0	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.0	mi/h
Density Across All Lanes, D	20.1	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1843	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	205	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1843	646	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2253	790	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2253	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2253	4800	No
vR	790	2000	No
v12	2253	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2253	pc/h
Length of Deceleration Lane, LA	205	ft
Density in Off-Ramp Influence Area, DR	21.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	19.8	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2253	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2253	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.499	
Average Speed in Ramp Influence Area, SR	56.0	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.0	mi/h
Density Across All Lanes, D	20.1	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	434	1021	1486	1893	2400
Service Flow Rate (SF), veh/h	788	1856	2701	3441	4363
Service Volume, veh/h	710	1670	2431	3097	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	30	44	56	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	304	716	1042	1327	1682
Service Flow Rate (SF), veh/h	276	650	947	1206	1529
Service Volume, veh/h	249	585	852	1086	1376
One Direction DSV, 1000 veh/day	2	6	9	11	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.1	20.1	12.6	12.1	9.1	8.7	7.2	7.0
LOS	C	B	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:02:47

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	18.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1731	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	750	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1731	217	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2116	265	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2116	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2116	4800	No
vR	265	2000	No
v12	2116	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2116	pc/h
Length of Deceleration Lane, LA	750	ft
Density in Off-Ramp Influence Area, DR	15.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2116	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2116	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.452	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	18.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	718	1306	1774	2181	2400
Service Flow Rate (SF), veh/h	1305	2375	3225	3965	4363
Service Volume, veh/h	1175	2137	2903	3569	3927
One Direction DSV, 1000 veh/day	12	21	29	36	39
Bi-Direction DSV, 1000 veh/day	21	39	53	65	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	180	328	445	547	602
Service Flow Rate (SF), veh/h	164	298	404	497	547
Service Volume, veh/h	147	268	364	447	492
One Direction DSV, 1000 veh/day	1	3	4	4	5

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.5	18.5	11.5	11.0	8.1	7.8	6.5	6.3
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:03:35

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	12.3	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	16.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1515	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	875	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1515	244	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1852	298	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1852	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1852	4800	No
vR	298	2000	No
v12	1852	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1852	pc/h
Length of Deceleration Lane, LA	875	ft
Density in Off-Ramp Influence Area, DR	12.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	11.2	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1852	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1852	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.455	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	16.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	785	1372	1837	2243	2400
Service Flow Rate (SF), veh/h	1428	2495	3340	4078	4363
Service Volume, veh/h	1285	2245	3006	3670	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	253	442	592	723	773
Service Flow Rate (SF), veh/h	230	402	538	657	703
Service Volume, veh/h	207	362	484	591	632
One Direction DSV, 1000 veh/day	2	4	5	6	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.2	16.2	10.1	9.6	7.1	6.8	5.7	5.5
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:04:32

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	10.5	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	362	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	59.9	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1421	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1421	463	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1737	566	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.691	
Flow Rate in Lanes 1 and 2, v12	1375	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1737	7200	No
vR	566	2000	No
v12	1375	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1375	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	10.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	9.5	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1737	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1375	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.479	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	362	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	59.9	mi/h
Density Across All Lanes, D	9.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	546	1102	1602	2046	-
Service Flow Rate (SF), veh/h	1490	3005	4368	5580	-
Service Volume, veh/h	1341	2704	3931	5022	-
One Direction DSV, 1000 veh/day	13	27	39	50	-
Bi-Direction DSV, 1000 veh/day	24	49	71	91	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	534	1077	1566	2000	-
Service Flow Rate (SF), veh/h	485	979	1423	1818	-
Service Volume, veh/h	437	881	1281	1636	-
One Direction DSV, 1000 veh/day	4	9	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.3	15.3	9.7	9.2	6.9	6.7	5.5	5.3
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:05:31

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	1213		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	1175		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	1213	181	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1483	221	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1483	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1483	4800	No
vR	221	2000	No
v12	1483	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1483	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	6.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.8	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1483	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1483	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.448	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	12.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	942	1530	1993	2400	-
Service Flow Rate (SF), veh/h	1712	2781	3623	4363	-
Service Volume, veh/h	1541	2503	3261	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	46	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	281	457	595	716	-
Service Flow Rate (SF), veh/h	255	415	541	651	-
Service Volume, veh/h	230	373	487	586	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	12.9	12.9	8.1	7.7	5.7	5.5	4.5	4.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:06:31

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.9	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	15.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1439	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	830	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1439	98	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1759	120	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1759	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1759	4800	No
vR	120	2000	No
v12	1759	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1759	pc/h
Length of Deceleration Lane, LA	830	ft
Density in Off-Ramp Influence Area, DR	11.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1759	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1759	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.439	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	15.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	764	1347	1814	2222	2400
Service Flow Rate (SF), veh/h	1388	2449	3298	4040	4363
Service Volume, veh/h	1249	2204	2968	3636	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	104	184	247	303	327
Service Flow Rate (SF), veh/h	95	167	225	275	297
Service Volume, veh/h	85	150	202	248	267
One Direction DSV, 1000 veh/day	1	2	2	2	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.2	15.2	9.5	9.1	6.6	6.5	5.3	5.2
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:07:22

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.4	mi/h
Density Across All Lanes, D	18.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1744	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	820	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1744	535	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2132	654	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2132	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2132	4800	No
vR	654	2000	No
v12	2132	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2132	pc/h
Length of Deceleration Lane, LA	820	ft
Density in Off-Ramp Influence Area, DR	15.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	13.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2132	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2132	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.487	
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.4	mi/h
Density Across All Lanes, D	18.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	755	1342	1808	2215	2400
Service Flow Rate (SF), veh/h	1372	2440	3288	4027	4363
Service Volume, veh/h	1235	2196	2959	3625	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	22	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	463	824	1110	1359	1472
Service Flow Rate (SF), veh/h	421	749	1009	1235	1338
Service Volume, veh/h	379	674	908	1112	1205
One Direction DSV, 1000 veh/day	4	7	9	11	12

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.9	18.9	11.8	11.3	8.5	8.2	6.8	6.5
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:08:27

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT10_PM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	16.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.5	mi/h
Density Across All Lanes, D	21.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1872	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	840	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1872	1136	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2288	1389	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2288	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2288	4800	No
vR	1389	2000	No
v12	2288	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2288	pc/h
Length of Deceleration Lane, LA	840	ft
Density in Off-Ramp Influence Area, DR	16.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2288	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2288	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.553	
Average Speed in Ramp Influence Area, SR	54.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.5	mi/h
Density Across All Lanes, D	21.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	765	1353	1648	-	-
Service Flow Rate (SF), veh/h	1392	2459	2996	-	-
Service Volume, veh/h	1252	2213	2696	-	-
One Direction DSV, 1000 veh/day	13	22	27	-	-
Bi-Direction DSV, 1000 veh/day	23	40	49	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	929	1642	2000	-	-
Service Flow Rate (SF), veh/h	844	1492	1818	-	-
Service Volume, veh/h	760	1343	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.0	21.0	13.4	13.1	9.8	9.6	7.9	7.7
LOS	B	B	B	A	B	A	B	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/25/2022 23:09:17

Diverge Areas
Alternatives 12 & 13
AM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	1.9	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.9	mi/h
Density Across All Lanes, D	8.6	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	803	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1195	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	803	369	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	982	451	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	982	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	982	4800	No
vR	451	2000	No
v12	982	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	982	pc/h
Length of Deceleration Lane, LA	1195	ft
Density in Off-Ramp Influence Area, DR	1.9	pc/mi/ln
Density in Off-Ramp Influence Area, DR	1.7	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	982	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	982	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.469	
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.9	mi/h
Density Across All Lanes, D	8.6	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	951	1538	2004	2176	-
Service Flow Rate (SF), veh/h	1729	2796	3642	3956	-
Service Volume, veh/h	1556	2516	3278	3561	-
One Direction DSV, 1000 veh/day	16	25	33	36	-
Bi-Direction DSV, 1000 veh/day	28	46	60	65	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	874	1414	1841	2000	-
Service Flow Rate (SF), veh/h	794	1285	1674	1818	-
Service Volume, veh/h	715	1156	1506	1636	-
One Direction DSV, 1000 veh/day	7	12	15	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	8.6	8.6	5.5	5.3	4.0	3.9	3.2	3.1
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:42:32

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	11.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.5	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	882	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	205	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	882	489	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1078	598	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1078	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1078	4800	No
vR	598	2000	No
v12	1078	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1078	pc/h
Length of Deceleration Lane, LA	205	ft
Density in Off-Ramp Influence Area, DR	11.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1078	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1078	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.482	
Average Speed in Ramp Influence Area, SR	56.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.5	mi/h
Density Across All Lanes, D	9.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	433	1020	1486	1804	-
Service Flow Rate (SF), veh/h	787	1855	2701	3279	-
Service Volume, veh/h	708	1670	2431	2951	-
One Direction DSV, 1000 veh/day	7	17	24	30	-
Bi-Direction DSV, 1000 veh/day	13	30	44	54	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	480	1132	1648	2000	-
Service Flow Rate (SF), veh/h	436	1029	1498	1818	-
Service Volume, veh/h	393	926	1348	1636	-
One Direction DSV, 1000 veh/day	4	9	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.5	9.5	6.1	5.9	4.5	4.4	3.6	3.5
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:43:37

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	4.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	6.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	647	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	750	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	647	90	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	791	110	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	791	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	791	4800	No
vR	110	2000	No
v12	791	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	791	pc/h
Length of Deceleration Lane, LA	750	ft
Density in Off-Ramp Influence Area, DR	4.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	791	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	791	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.438	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	6.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	719	1308	1772	2179	2400
Service Flow Rate (SF), veh/h	1307	2379	3222	3962	4363
Service Volume, veh/h	1176	2141	2899	3566	3927
One Direction DSV, 1000 veh/day	12	21	29	36	39
Bi-Direction DSV, 1000 veh/day	21	39	53	65	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	200	364	493	606	668
Service Flow Rate (SF), veh/h	182	331	448	551	607
Service Volume, veh/h	164	298	403	496	546
One Direction DSV, 1000 veh/day	2	3	4	5	5

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.9	6.9	4.3	4.1	3.0	2.9	2.4	2.3
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:44:38

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	2.2	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	5.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	556	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	875	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	556	124	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	680	152	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	680	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	680	4800	No
vR	152	2000	No
v12	680	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	680	pc/h
Length of Deceleration Lane, LA	875	ft
Density in Off-Ramp Influence Area, DR	2.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	680	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	680	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.442	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	5.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	785	1372	1838	2244	2400
Service Flow Rate (SF), veh/h	1427	2494	3341	4080	4363
Service Volume, veh/h	1284	2245	3007	3672	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	350	612	820	1001	1071
Service Flow Rate (SF), veh/h	318	556	745	910	973
Service Volume, veh/h	286	501	671	819	876
One Direction DSV, 1000 veh/day	3	5	7	8	9

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.9	5.9	3.7	3.5	2.6	2.5	2.1	2.0
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:45:36

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	63	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	58.4	mi/h
Density Across All Lanes, D	3.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	537		veh/h
Peak Hour Factor, PHF	0.90		

Ramp Data

Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	620		ft
Length of Second Deceleration Lane, LD2	-		ft

Junction Components	Freeway	Ramp	
Demand Volume, V	537	350	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	656	428	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-		ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-		ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.724		
Flow Rate in Lanes 1 and 2, v12	593		pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	656	7200	No
vR	428	2000	No
v12	593	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	593	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	3.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	656	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	593	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.467	
Average Speed in Ramp Influence Area, SR	56.9	mi/h
Average Flow in Outer Lanes, vOA	63	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	58.4	mi/h
Density Across All Lanes, D	3.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	488	958	1023	-	-
Service Flow Rate (SF), veh/h	1331	2612	2789	-	-
Service Volume, veh/h	1197	2351	2510	-	-
One Direction DSV, 1000 veh/day	12	24	25	-	-
Bi-Direction DSV, 1000 veh/day	22	43	46	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	954	1873	2000	-	-
Service Flow Rate (SF), veh/h	867	1703	1818	-	-
Service Volume, veh/h	780	1532	1636	-	-
One Direction DSV, 1000 veh/day	8	15	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.8	5.8	3.7	3.7	2.7	2.7	2.2	2.2
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:46:44

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	0.0	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	408	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	408	166	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	499	203	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	499	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	499	4800	No
vR	203	2000	No
v12	499	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	499	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	0.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	0.0	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	499	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	499	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.446	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	4.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	941	1528	1993	2400	-
Service Flow Rate (SF), veh/h	1711	2778	3624	4363	-
Service Volume, veh/h	1540	2500	3261	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	45	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	766	1244	1622	1953	-
Service Flow Rate (SF), veh/h	696	1130	1474	1775	-
Service Volume, veh/h	627	1017	1327	1598	-
One Direction DSV, 1000 veh/day	6	10	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	4.3	4.3	2.8	2.7	2.0	1.9	1.6	1.5
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:47:40

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	2.6	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.6	mi/h
Density Across All Lanes, D	5.9	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data			
Number of Freeway Lanes	2		ln
Freeway Free-Flow Speed, FFS	70.0		mi/h
Segment Length	1500		ft
Multilane Highway or C-D Roadway?	Freeway		
Demand Volume, V	551		veh/h
Peak Hour Factor, PHF	0.90		
Ramp Data			
Number of Ramp Lanes	1		ln
Ramp Free-Flow Speed, SFR	35.0		mi/h
Ramp Side	Right		
Length of First Deceleration Lane, LD or LD1	830		ft
Length of Second Deceleration Lane, LD2	-		ft
Junction Components	Freeway	Ramp	
Demand Volume, V	551	135	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	674	165	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	674	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	674	4800	No
vR	165	2000	No
v12	674	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	674	pc/h
Length of Deceleration Lane, LA	830	ft
Density in Off-Ramp Influence Area, DR	2.6	pc/mi/ln
Density in Off-Ramp Influence Area, DR	2.4	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	674	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	674	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.443	
Average Speed in Ramp Influence Area, SR	57.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.6	mi/h
Density Across All Lanes, D	5.9	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	761	1348	1813	2220	2400
Service Flow Rate (SF), veh/h	1384	2450	3295	4036	4363
Service Volume, veh/h	1245	2205	2966	3632	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	373	661	888	1088	1176
Service Flow Rate (SF), veh/h	339	600	807	989	1069
Service Volume, veh/h	305	540	727	890	962
One Direction DSV, 1000 veh/day	3	5	7	9	10

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	5.9	5.9	3.7	3.5	2.6	2.5	2.1	2.0
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:48:34

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.4	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	6.7	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	625	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	820	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	625	247	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	764	302	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	764	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	764	4800	No
vR	302	2000	No
v12	764	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	764	pc/h
Length of Deceleration Lane, LA	820	ft
Density in Off-Ramp Influence Area, DR	3.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.1	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	764	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	764	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.455	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	6.7	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	755	1342	1807	2215	2400
Service Flow Rate (SF), veh/h	1373	2440	3285	4026	4363
Service Volume, veh/h	1236	2196	2957	3624	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	22	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	597	1061	1428	1750	1897
Service Flow Rate (SF), veh/h	543	964	1298	1591	1724
Service Volume, veh/h	488	868	1168	1432	1552
One Direction DSV, 1000 veh/day	5	9	12	14	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	6.7	6.7	4.3	4.1	3.0	3.0	2.4	2.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:49:25

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_AM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	3.8	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.6	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	860	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1050	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	860	443	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1051	541	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1051	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1051	4800	No
vR	541	2000	No
v12	1051	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1051	pc/h
Length of Deceleration Lane, LA	1050	ft
Density in Off-Ramp Influence Area, DR	3.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	3.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1051	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1051	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.477	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.6	mi/h
Density Across All Lanes, D	9.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	876	1463	1928	1941	-
Service Flow Rate (SF), veh/h	1592	2659	3504	3529	-
Service Volume, veh/h	1433	2393	3154	3176	-
One Direction DSV, 1000 veh/day	14	24	32	32	-
Bi-Direction DSV, 1000 veh/day	26	44	57	58	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	902	1507	1986	2000	-
Service Flow Rate (SF), veh/h	820	1370	1805	1818	-
Service Volume, veh/h	738	1233	1625	1636	-
One Direction DSV, 1000 veh/day	7	12	16	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	9.3	9.3	6.0	5.8	4.3	4.2	3.4	3.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:50:43

Diverge Areas
Alternative 12 & 13
PM Peak Hour

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	9.3	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.1	mi/h
Density Across All Lanes, D	16.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data		
Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1507	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data		
Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1195	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1507	612	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1842	748	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps		
Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1842	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1842	4800	No
vR	748	2000	No
v12	1842	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1842	pc/h
Length of Deceleration Lane, LA	1195	ft
Density in Off-Ramp Influence Area, DR	9.3	pc/mi/ln
Density in Off-Ramp Influence Area, DR	8.5	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1842	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1842	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.495	
Average Speed in Ramp Influence Area, SR	56.1	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.1	mi/h
Density Across All Lanes, D	16.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	952	1538	2004	2400	-
Service Flow Rate (SF), veh/h	1730	2797	3643	4363	-
Service Volume, veh/h	1557	2517	3279	3927	-
One Direction DSV, 1000 veh/day	16	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	46	60	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	773	1250	1628	1949	-
Service Flow Rate (SF), veh/h	703	1136	1479	1772	-
Service Volume, veh/h	632	1022	1331	1595	-
One Direction DSV, 1000 veh/day	6	10	13	16	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.4	16.4	10.4	10.0	7.5	7.2	6.0	5.8
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:51:31

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	22.4	pc/mi/ln
Level of Service, LOS	C	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	55.9	mi/h
Density Across All Lanes, D	20.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1900	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	205	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1900	669	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2322	818	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2322	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2322	4800	No
vR	818	2000	No
v12	2322	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2322	pc/h
Length of Deceleration Lane, LA	205	ft
Density in Off-Ramp Influence Area, DR	22.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	20.4	veh/mi/ln
Level of Service, LOS	C	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2322	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2322	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.502	
Average Speed in Ramp Influence Area, SR	55.9	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	55.9	mi/h
Density Across All Lanes, D	20.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	433	1021	1485	1893	2400
Service Flow Rate (SF), veh/h	787	1856	2700	3441	4363
Service Volume, veh/h	709	1671	2430	3097	3927
One Direction DSV, 1000 veh/day	7	17	24	31	39
Bi-Direction DSV, 1000 veh/day	13	30	44	56	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	305	719	1046	1333	1690
Service Flow Rate (SF), veh/h	277	654	951	1212	1536
Service Volume, veh/h	250	588	856	1090	1383
One Direction DSV, 1000 veh/day	2	6	9	11	14

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	20.8	20.8	13.0	12.5	9.3	9.0	7.5	7.2
LOS	C	C	B	B	B	B	B	B

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:52:29

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.8	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.4	mi/h
Density Across All Lanes, D	18.5	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1737	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	750	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1737	213	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2123	260	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2123	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2123	4800	No
vR	260	2000	No
v12	2123	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2123	pc/h
Length of Deceleration Lane, LA	750	ft
Density in Off-Ramp Influence Area, DR	15.8	pc/mi/ln
Density in Off-Ramp Influence Area, DR	14.4	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2123	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2123	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.451	
Average Speed in Ramp Influence Area, SR	57.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.4	mi/h
Density Across All Lanes, D	18.5	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	722	1307	1771	2180	2400
Service Flow Rate (SF), veh/h	1312	2376	3220	3963	4363
Service Volume, veh/h	1181	2138	2898	3566	3927
One Direction DSV, 1000 veh/day	12	21	29	36	39
Bi-Direction DSV, 1000 veh/day	21	39	53	65	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	177	321	434	535	589
Service Flow Rate (SF), veh/h	161	291	395	486	535
Service Volume, veh/h	145	262	355	437	482
One Direction DSV, 1000 veh/day	1	3	4	4	5

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.5	18.5	11.5	11.0	8.1	7.8	6.5	6.3
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:53:28

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 378_LoopOFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	12.4	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.3	mi/h
Density Across All Lanes, D	16.2	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1523	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	875	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1523	221	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1862	270	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1862	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1862	4800	No
vR	270	2000	No
v12	1862	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1862	pc/h
Length of Deceleration Lane, LA	875	ft
Density in Off-Ramp Influence Area, DR	12.4	pc/mi/ln
Density in Off-Ramp Influence Area, DR	11.3	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1862	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1862	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.452	
Average Speed in Ramp Influence Area, SR	57.3	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.3	mi/h
Density Across All Lanes, D	16.2	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	786	1373	1837	2245	2400
Service Flow Rate (SF), veh/h	1428	2496	3339	4081	4363
Service Volume, veh/h	1285	2247	3005	3673	3927
One Direction DSV, 1000 veh/day	13	22	30	37	39
Bi-Direction DSV, 1000 veh/day	23	41	55	67	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	228	399	533	651	697
Service Flow Rate (SF), veh/h	207	362	484	592	633
Service Volume, veh/h	187	326	436	533	570
One Direction DSV, 1000 veh/day	2	3	4	5	6

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	16.2	16.2	10.1	9.7	7.1	6.9	5.7	5.5
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:54:46

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_NB_US 501 NB_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 NB US 501 NB Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	10.7	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	374	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	59.9	mi/h
Density Across All Lanes, D	9.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	3	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1446	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	620	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1446	458	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1768	560	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	0.690	
Flow Rate in Lanes 1 and 2, v12	1394	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1768	7200	No
vR	560	2000	No
v12	1394	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	7200	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	7200	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1394	pc/h
Length of Deceleration Lane, LA	620	ft
Density in Off-Ramp Influence Area, DR	10.7	pc/mi/ln
Density in Off-Ramp Influence Area, DR	9.7	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1768	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1394	pc/h
Number of Outer Lanes on Freeway, NO	1	ln
Speed Index for Off-Ramp, DS	0.478	
Average Speed in Ramp Influence Area, SR	56.6	mi/h
Average Flow in Outer Lanes, vOA	374	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	59.9	mi/h
Density Across All Lanes, D	9.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	547	1105	1609	2090	2105
Service Flow Rate (SF), veh/h	1492	3013	4387	5699	5740
Service Volume, veh/h	1343	2712	3949	5129	5166
One Direction DSV, 1000 veh/day	13	27	39	51	52
Bi-Direction DSV, 1000 veh/day	24	49	72	93	94
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	520	1050	1529	1986	2000
Service Flow Rate (SF), veh/h	473	954	1390	1805	1818
Service Volume, veh/h	425	859	1251	1625	1636
One Direction DSV, 1000 veh/day	4	9	13	16	16

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.6	15.6	9.8	9.4	7.0	6.8	5.6	5.4
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:55:52

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_US 501_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 501 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	6.5	pc/mi/ln
Level of Service, LOS	A	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.5	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1222	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1175	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1222	184	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1494	225	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1494	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1494	4800	No
vR	225	2000	No
v12	1494	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1494	pc/h
Length of Deceleration Lane, LA	1175	ft
Density in Off-Ramp Influence Area, DR	6.5	pc/mi/ln
Density in Off-Ramp Influence Area, DR	5.9	veh/mi/ln
Level of Service, LOS	A	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1494	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1494	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.448	
Average Speed in Ramp Influence Area, SR	57.5	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.5	mi/h
Density Across All Lanes, D	13.0	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	943	1529	1995	2400	-
Service Flow Rate (SF), veh/h	1714	2780	3627	4363	-
Service Volume, veh/h	1543	2502	3264	3927	-
One Direction DSV, 1000 veh/day	15	25	33	39	-
Bi-Direction DSV, 1000 veh/day	28	45	59	71	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	284	461	601	723	-
Service Flow Rate (SF), veh/h	258	419	546	657	-
Service Volume, veh/h	232	377	492	591	-
One Direction DSV, 1000 veh/day	2	4	5	6	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	13.0	13.0	8.1	7.7	5.7	5.5	4.6	4.4
LOS	A	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:57:02

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_US 378_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 378 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	12.0	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	57.7	mi/h
Density Across All Lanes, D	15.3	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1448	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	830	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1448	112	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	1770	137	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	1770	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	1770	4800	No
vR	137	2000	No
v12	1770	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	1770	pc/h
Length of Deceleration Lane, LA	830	ft
Density in Off-Ramp Influence Area, DR	12.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	10.9	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	1770	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	1770	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.440	
Average Speed in Ramp Influence Area, SR	57.7	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	57.7	mi/h
Density Across All Lanes, D	15.3	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	769	1351	1816	2223	2400
Service Flow Rate (SF), veh/h	1398	2456	3301	4041	4363
Service Volume, veh/h	1259	2211	2971	3637	3927
One Direction DSV, 1000 veh/day	13	22	30	36	39
Bi-Direction DSV, 1000 veh/day	23	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	119	209	281	344	371
Service Flow Rate (SF), veh/h	108	190	255	313	337
Service Volume, veh/h	97	171	230	281	304
One Direction DSV, 1000 veh/day	1	2	2	3	3

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	15.3	15.3	9.5	9.1	6.7	6.5	5.3	5.2
LOS	B	A	A	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:57:55

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_US 701_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 701 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.2	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	56.4	mi/h
Density Across All Lanes, D	18.8	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1739	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	820	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1739	509	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2126	622	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2126	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2126	4800	No
vR	622	2000	No
v12	2126	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2126	pc/h
Length of Deceleration Lane, LA	820	ft
Density in Off-Ramp Influence Area, DR	15.2	pc/mi/ln
Density in Off-Ramp Influence Area, DR	13.8	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2126	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2126	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.484	
Average Speed in Ramp Influence Area, SR	56.4	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	56.4	mi/h
Density Across All Lanes, D	18.8	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	755	1343	1807	2215	2400
Service Flow Rate (SF), veh/h	1373	2441	3286	4027	4363
Service Volume, veh/h	1235	2197	2957	3624	3927
One Direction DSV, 1000 veh/day	12	22	30	36	39
Bi-Direction DSV, 1000 veh/day	22	40	54	66	71
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	442	786	1058	1297	1405
Service Flow Rate (SF), veh/h	402	714	962	1179	1277
Service Volume, veh/h	362	643	866	1061	1149
One Direction DSV, 1000 veh/day	4	6	9	11	11

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	18.8	18.8	11.8	11.3	8.4	8.1	6.7	6.5
LOS	B	A	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:58:47

HCS7 Freeway Diverge Text Report

FREEWAY DIVERGE ANALYSIS

File Name:	2040_ALT12_PM_SB_SC 707_OFF.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/13/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB SC 707 Off-Ramp
Units:	United States Customary

LOS and Performance Measures

Density in Off-Ramp (Diverge) Influence Area, DR	15.0	pc/mi/ln
Level of Service, LOS	B	
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp (Diverge) Junction, S	54.8	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Step 1: Specify Inputs and Convert Demand Volumes to Demand Flow Rates

Freeway Data

Number of Freeway Lanes	2	ln
Freeway Free-Flow Speed, FFS	70.0	mi/h
Segment Length	1500	ft
Multilane Highway or C-D Roadway?	Freeway	
Demand Volume, V	1919	veh/h
Peak Hour Factor, PHF	0.90	

Ramp Data

Number of Ramp Lanes	1	ln
Ramp Free-Flow Speed, SFR	35.0	mi/h
Ramp Side	Right	
Length of First Deceleration Lane, LD or LD1	1050	ft
Length of Second Deceleration Lane, LD2	-	ft

Junction Components	Freeway	Ramp	
Demand Volume, V	1919	1046	veh/h
Peak Hour Factor, PHF	0.90	0.90	
Percent Total Trucks	10.00	10.00	%
Percent SUTs	-	-	%
Percent TTs	-	-	%
Prop.Total Trucks, PT	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	
Heavy Vehicle Adj., fHV	0.909	0.909	
Terrain Type	Level	Level	
Percent Grade	-	-	%
Grade Length	-	-	mi
Demand Adj.Factor, DAF	1.000	1.000	
Demand Flow Rate, v	2346	1279	pc/h

Step 2: Estimate the Approaching Flow Rate in Lanes 1 and 2

Estimating Flow in Lanes 1 and 2 for Off-Ramps

Adjacent Upstream On-Ramp Equilibrium Distance, LEQ	-	ft
Adjacent Downstream Off-Ramp Equilibrium Distance, LEQ	-	ft
Prop. Freeway Veh. in Lanes 1 and 2, PFD	1.000	
Flow Rate in Lanes 1 and 2, v12	2346	pc/h

Step 3: Estimate Capacity of Ramp-Freeway Junction and Compare Flow Rates

Capacity Checks

	Actual	Maximum	Violation?
vF	2346	4800	No
vR	1279	2000	No
v12	2346	4400	No

	Freeway	Ramp	
Unadjusted Capacity, cmd	4800	2000	pc/h
Driver Population	All Familiar	All Familiar	
Driver Population CAF	1.000	1.000	
Weather Type	Non-Severe Weather	Non-Severe Weather	
Weather Type CAF	1.000	1.000	
Incident Type	No Incident	-	
Final Capacity Adj. Factor, CAF	1.000	1.000	
Adjusted Capacity, cmda	4800	2000	pc/h

Step 4: Estimate Density in Ramp Influence Area and Determine LOS

Demand Flow Rate in Lanes 1 and 2, v12	2346	pc/h
Length of Deceleration Lane, LA	1050	ft
Density in Off-Ramp Influence Area, DR	15.0	pc/mi/ln
Density in Off-Ramp Influence Area, DR	13.6	veh/mi/ln
Level of Service, LOS	B	

Step 5: Estimate Speeds in the Vicinity of Ramp-Freeway Junctions

Freeway Free-Flow Speed, FFS	70.0	mi/h
Ramp Free-Flow Speed, SFR	35.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	
Final Speed Adjustment Factor, SAF	1.000	
Demand Flow Rate on Freeway, vF	2346	pc/h
Demand Flow Rate in Lanes 1 and 2, v12	2346	pc/h
Number of Outer Lanes on Freeway, NO	0	ln
Speed Index for Off-Ramp, DS	0.543	
Average Speed in Ramp Influence Area, SR	54.8	mi/h
Average Flow in Outer Lanes, vOA	-	pc/h/ln
Average Speed in Outer Lanes of Freeway, SO	76.8	mi/h
Average Speed for Off-Ramp Junction, S	54.8	mi/h
Density Across All Lanes, D	21.4	pc/mi/ln

Service Volume Table

Target LOS	A	B	C	D	E
Freeway					
Max Service Flow Rate (MSF), pc/h/ln	875	1462	1835	-	-
Service Flow Rate (SF), veh/h	1591	2658	3335	-	-
Service Volume, veh/h	1432	2392	3002	-	-
One Direction DSV, 1000 veh/day	14	24	30	-	-
Bi-Direction DSV, 1000 veh/day	26	43	55	-	-
Ramp					
Max Service Flow Rate (MSF), pc/h/ln	954	1594	2000	-	-
Service Flow Rate (SF), veh/h	867	1449	1818	-	-
Service Volume, veh/h	780	1304	1636	-	-
One Direction DSV, 1000 veh/day	8	13	16	-	-

Design Analysis Table

Number of Lanes, ln	2	2	3	3	4	4	5	5
Number of Ramp Lanes, ln	1	2	1	2	1	2	1	2
Density, pc/mi/ln	21.4	21.4	13.6	13.3	9.9	9.7	7.9	7.7
LOS	B	B	B	A	A	A	A	A

This Freeway Diverge Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:59:37

Appendix E—HCS Weaving Area Results for 2040 Build Condition

Weaving Sections
Alternative 1
AM & PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT1_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 01 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	349	pc/h
Capacity, cW	3781	pc/h
Volume-to-Capacity Ratio, v/c	0.08	
Average Speed, S	68.2	mi/h
Density, D	2.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Highway/CD Roadway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	540	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	223	veh/h
Ramp-to-Freeway Demand, VRF	10	veh/h
Freeway-to-Ramp Demand, VFR	52	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

	Volume Components				
	VFF	VRF	VRR	VFR	
Demand Volume, Vi	223	10	0	52	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	273	12	0	64	pc/h

Weaving Flow Rate, vW	76	pc/h
Non-Weaving Flow Rate, vNW	273	pc/h
Total Flow Rate, v	349	pc/h
Volume Ratio, VR	0.218	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	12	pc/h
Freeway-to-Ramp Flow Rate, vFR	64	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	76	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.218	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4721	ft
Short Length, LS	540	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.218	
Short Length, LS	540	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2080	pc/h/ln
Demand Flow-Based Capacity, cIW	11009	pc/h
Weaving Segment Capacity, cW	3781	veh/h

Unadjusted Capacity of Weaving Area, cW	3781	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3781	veh/h
Adjusted Capacity of Weaving Area	4160	pc/h
Volume-to-Capacity Ratio, v/c	0.08	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	76	lc/h
Short Length, LS	540	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	273	pc/h
Non-Weaving Vehicle Index, INW	5	
Weaving Lane-Changing Rate, LCW	106	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	106	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	106	lc/h
Short Length, LS	540	ft
Weaving Intensity Factor, W	0.063	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	66.7	mi/h
Average Non-Weaving Speed, SNW	68.6	mi/h
Average Speed, S	68.2	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	349	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.2	mi/h
Density, D	2.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	758	1396	1767	1945	2080
Service Flow Rate (SF), veh/h	1379	2538	3212	3535	3781
Service Volume, veh/h	1241	2285	2891	3182	3403
One Direction DSV, 1000 veh/day	12	23	29	32	34
Bi-Direction DSV, 1000 veh/day	23	42	53	58	62

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.7	1.3	1.0	0.9
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:28:30

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT1_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 01 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	1396	pc/h
Capacity, cW	3978	pc/h
Volume-to-Capacity Ratio, v/c	0.32	
Average Speed, S	65.7	mi/h
Density, D	10.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Highway/CD Roadway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	540	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	1055	veh/h
Ramp-to-Freeway Demand, VRF	23	veh/h
Freeway-to-Ramp Demand, VFR	64	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	1055	23	0	64	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	1290	28	0	78	pc/h

Weaving Flow Rate, vW	106	pc/h
Non-Weaving Flow Rate, vNW	1290	pc/h
Total Flow Rate, v	1396	pc/h
Volume Ratio, VR	0.076	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	28	pc/h
Freeway-to-Ramp Flow Rate, vFR	78	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	106	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.076	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3308	ft
Short Length, LS	540	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.076	
Short Length, LS	540	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2188	pc/h/ln
Demand Flow-Based Capacity, cIW	31579	pc/h
Weaving Segment Capacity, cW	3978	veh/h

Unadjusted Capacity of Weaving Area, cW	3978	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3978	veh/h
Adjusted Capacity of Weaving Area	4376	pc/h
Volume-to-Capacity Ratio, v/c	0.32	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	106	lc/h
Short Length, LS	540	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	1290	pc/h
Non-Weaving Vehicle Index, INW	23	
Weaving Lane-Changing Rate, LCW	136	lc/h
Non-Weaving Lane-Changing Rate, LCNW	173	lc/h
Total Lane-Changing Rate, LCALL	309	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	309	lc/h
Short Length, LS	540	ft
Weaving Intensity Factor, W	0.145	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	63.0	mi/h
Average Non-Weaving Speed, SNW	65.9	mi/h
Average Speed, S	65.7	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	1396	pc/h
Number of Lanes, N	2	ln
Average Speed, S	65.7	mi/h
Density, D	10.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	783	1466	1878	2080	2188
Service Flow Rate (SF), veh/h	1424	2666	3414	3781	3978
Service Volume, veh/h	1281	2399	3072	3403	3580
One Direction DSV, 1000 veh/day	13	24	31	34	36
Bi-Direction DSV, 1000 veh/day	23	44	56	62	65

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	7.0	5.2	4.1	3.4
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 14:29:46

Weaving Sections
Alternative 2
AM &PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT2_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 02 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	353	pc/h
Capacity, cW	3787	pc/h
Volume-to-Capacity Ratio, v/c	0.08	
Average Speed, S	68.2	mi/h
Density, D	2.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	540	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	227	veh/h
Ramp-to-Freeway Demand, VRF	10	veh/h
Freeway-to-Ramp Demand, VFR	52	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

	Volume Components				
	VFF	VRF	VRR	VFR	
Demand Volume, Vi	227	10	0	52	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	277	12	0	64	pc/h

Weaving Flow Rate, vW	76	pc/h
Non-Weaving Flow Rate, vNW	277	pc/h
Total Flow Rate, v	353	pc/h
Volume Ratio, VR	0.215	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	12	pc/h
Freeway-to-Ramp Flow Rate, vFR	64	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	76	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.215	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4690	ft
Short Length, LS	540	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.215	
Short Length, LS	540	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2083	pc/h/ln
Demand Flow-Based Capacity, cIW	11163	pc/h
Weaving Segment Capacity, cW	3787	veh/h

Unadjusted Capacity of Weaving Area, cW	3787	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3787	veh/h
Adjusted Capacity of Weaving Area	4166	pc/h
Volume-to-Capacity Ratio, v/c	0.08	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	76	lc/h
Short Length, LS	540	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	277	pc/h
Non-Weaving Vehicle Index, INW	5	
Weaving Lane-Changing Rate, LCW	106	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	106	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	106	lc/h
Short Length, LS	540	ft
Weaving Intensity Factor, W	0.063	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	66.7	mi/h
Average Non-Weaving Speed, SNW	68.6	mi/h
Average Speed, S	68.2	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	353	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.2	mi/h
Density, D	2.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	639	1191	1587	1905	2083
Service Flow Rate (SF), veh/h	1162	2165	2885	3463	3787
Service Volume, veh/h	1045	1949	2596	3116	3408
One Direction DSV, 1000 veh/day	10	19	26	31	34
Bi-Direction DSV, 1000 veh/day	19	35	47	57	62

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.7	1.3	1.0	0.9
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:16:37

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT2_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 02 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	1401	pc/h
Capacity, cW	3974	pc/h
Volume-to-Capacity Ratio, v/c	0.32	
Average Speed, S	65.6	mi/h
Density, D	10.7	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	540	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	1056	veh/h
Ramp-to-Freeway Demand, VRF	23	veh/h
Freeway-to-Ramp Demand, VFR	67	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	1056	23	0	67	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	1291	28	0	82	pc/h

Weaving Flow Rate, vW	110	pc/h
Non-Weaving Flow Rate, vNW	1291	pc/h
Total Flow Rate, v	1401	pc/h
Volume Ratio, VR	0.079	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	28	pc/h
Freeway-to-Ramp Flow Rate, vFR	82	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	110	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.079	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3337	ft
Short Length, LS	540	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.079	
Short Length, LS	540	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2186	pc/h/ln
Demand Flow-Based Capacity, cIW	30380	pc/h
Weaving Segment Capacity, cW	3974	veh/h

Unadjusted Capacity of Weaving Area, cW	3974	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3974	veh/h
Adjusted Capacity of Weaving Area	4372	pc/h
Volume-to-Capacity Ratio, v/c	0.32	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	110	lc/h
Short Length, LS	540	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	1291	pc/h
Non-Weaving Vehicle Index, INW	23	
Weaving Lane-Changing Rate, LCW	140	lc/h
Non-Weaving Lane-Changing Rate, LCNW	173	lc/h
Total Lane-Changing Rate, LCALL	313	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	313	lc/h
Short Length, LS	540	ft
Weaving Intensity Factor, W	0.147	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	63.0	mi/h
Average Non-Weaving Speed, SNW	65.8	mi/h
Average Speed, S	65.6	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	1401	pc/h
Number of Lanes, N	2	ln
Average Speed, S	65.6	mi/h
Density, D	10.7	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	659	1244	1690	2022	2186
Service Flow Rate (SF), veh/h	1198	2262	3072	3676	3974
Service Volume, veh/h	1078	2036	2765	3308	3577
One Direction DSV, 1000 veh/day	11	20	28	33	36
Bi-Direction DSV, 1000 veh/day	20	37	50	60	65

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	7.0	5.2	4.2	3.5
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/19/2022 18:17:34

Weaving Sections
Alternatives 3 & 5
AM & PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_03_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 03 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	341	pc/h
Capacity, cW	3825	pc/h
Volume-to-Capacity Ratio, v/c	0.08	
Average Speed, S	68.4	mi/h
Density, D	2.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	227	veh/h
Ramp-to-Freeway Demand, VRF	2	veh/h
Freeway-to-Ramp Demand, VFR	51	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	227	2	0	51	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	277	2	0	62	pc/h

Weaving Flow Rate, vW	64	pc/h
Non-Weaving Flow Rate, vNW	277	pc/h
Total Flow Rate, v	341	pc/h
Volume Ratio, VR	0.188	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	2	pc/h
Freeway-to-Ramp Flow Rate, vFR	62	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	64	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.188	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4414	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.188	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2104	pc/h/ln
Demand Flow-Based Capacity, cIW	12766	pc/h
Weaving Segment Capacity, cW	3825	veh/h

Unadjusted Capacity of Weaving Area, cW	3825	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3825	veh/h
Adjusted Capacity of Weaving Area	4208	pc/h
Volume-to-Capacity Ratio, v/c	0.08	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	64	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	277	pc/h
Non-Weaving Vehicle Index, INW	5	
Weaving Lane-Changing Rate, LCW	95	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	95	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	95	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.057	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	67.0	mi/h
Average Non-Weaving Speed, SNW	68.7	mi/h
Average Speed, S	68.4	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	341	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.4	mi/h
Density, D	2.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	645	1202	1603	1931	2104
Service Flow Rate (SF), veh/h	1173	2185	2914	3510	3825
Service Volume, veh/h	1056	1967	2623	3159	3443
One Direction DSV, 1000 veh/day	11	20	26	32	34
Bi-Direction DSV, 1000 veh/day	19	36	48	57	63

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.7	1.2	1.0	0.8
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 16:53:09

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_03_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 03 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	1365	pc/h
Capacity, cW	4000	pc/h
Volume-to-Capacity Ratio, v/c	0.31	
Average Speed, S	65.9	mi/h
Density, D	10.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	1050	veh/h
Ramp-to-Freeway Demand, VRF	5	veh/h
Freeway-to-Ramp Demand, VFR	62	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	1050	5	0	62	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	1283	6	0	76	pc/h

Weaving Flow Rate, vW	82	pc/h
Non-Weaving Flow Rate, vNW	1283	pc/h
Total Flow Rate, v	1365	pc/h
Volume Ratio, VR	0.060	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	6	pc/h
Freeway-to-Ramp Flow Rate, vFR	76	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	82	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.060	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3156	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.060	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2200	pc/h/ln
Demand Flow-Based Capacity, cIW	40000	pc/h
Weaving Segment Capacity, cW	4000	veh/h

Unadjusted Capacity of Weaving Area, cW	4000	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	4000	veh/h
Adjusted Capacity of Weaving Area	4400	pc/h
Volume-to-Capacity Ratio, v/c	0.31	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	82	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	1283	pc/h
Non-Weaving Vehicle Index, INW	23	
Weaving Lane-Changing Rate, LCW	113	lc/h
Non-Weaving Lane-Changing Rate, LCNW	174	lc/h
Total Lane-Changing Rate, LCALL	287	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	287	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.136	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	63.4	mi/h
Average Non-Weaving Speed, SNW	66.1	mi/h
Average Speed, S	65.9	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	1365	pc/h
Number of Lanes, N	2	ln
Average Speed, S	65.9	mi/h
Density, D	10.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	658	1257	1691	2039	2200
Service Flow Rate (SF), veh/h	1196	2284	3074	3707	4000
Service Volume, veh/h	1077	2056	2766	3336	3600
One Direction DSV, 1000 veh/day	11	21	28	33	36
Bi-Direction DSV, 1000 veh/day	20	37	50	61	65

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	6.8	5.0	4.0	3.4
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/21/2022 16:54:13

Weaving Sections
Alternatives 4 & 6
AM & PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT4_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 04 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	344	pc/h
Capacity, cW	3829	pc/h
Volume-to-Capacity Ratio, v/c	0.08	
Average Speed, S	68.4	mi/h
Density, D	2.5	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	229	veh/h
Ramp-to-Freeway Demand, VRF	2	veh/h
Freeway-to-Ramp Demand, VFR	51	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	229	2	0	51	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	280	2	0	62	pc/h

Weaving Flow Rate, vW	64	pc/h
Non-Weaving Flow Rate, vNW	280	pc/h
Total Flow Rate, v	344	pc/h
Volume Ratio, VR	0.186	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	2	pc/h
Freeway-to-Ramp Flow Rate, vFR	62	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	64	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.186	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4394	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.186	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2106	pc/h/ln
Demand Flow-Based Capacity, cIW	12903	pc/h
Weaving Segment Capacity, cW	3829	veh/h

Unadjusted Capacity of Weaving Area, cW	3829	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3829	veh/h
Adjusted Capacity of Weaving Area	4212	pc/h
Volume-to-Capacity Ratio, v/c	0.08	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	64	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	280	pc/h
Non-Weaving Vehicle Index, INW	5	
Weaving Lane-Changing Rate, LCW	95	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	95	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	95	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.057	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	67.0	mi/h
Average Non-Weaving Speed, SNW	68.7	mi/h
Average Speed, S	68.4	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	344	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.4	mi/h
Density, D	2.5	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	645	1208	1609	1930	2106
Service Flow Rate (SF), veh/h	1173	2196	2926	3509	3829
Service Volume, veh/h	1056	1976	2633	3158	3446
One Direction DSV, 1000 veh/day	11	20	26	32	34
Bi-Direction DSV, 1000 veh/day	19	36	48	57	63

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.7	1.3	1.0	0.8
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:24:46

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT4_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 04 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	1372	pc/h
Capacity, cW	3996	pc/h
Volume-to-Capacity Ratio, v/c	0.31	
Average Speed, S	65.9	mi/h
Density, D	10.4	pc/mi/ln
Level of Service, LOS	B	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	1051	veh/h
Ramp-to-Freeway Demand, VRF	5	veh/h
Freeway-to-Ramp Demand, VFR	66	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	1051	5	0	66	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	1285	6	0	81	pc/h

Weaving Flow Rate, vW	87	pc/h
Non-Weaving Flow Rate, vNW	1285	pc/h
Total Flow Rate, v	1372	pc/h
Volume Ratio, VR	0.063	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	6	pc/h
Freeway-to-Ramp Flow Rate, vFR	81	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	87	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.063	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3184	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.063	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2198	pc/h/ln
Demand Flow-Based Capacity, cIW	38095	pc/h
Weaving Segment Capacity, cW	3996	veh/h

Unadjusted Capacity of Weaving Area, cW	3996	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3996	veh/h
Adjusted Capacity of Weaving Area	4396	pc/h
Volume-to-Capacity Ratio, v/c	0.31	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	87	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	1285	pc/h
Non-Weaving Vehicle Index, INW	23	
Weaving Lane-Changing Rate, LCW	118	lc/h
Non-Weaving Lane-Changing Rate, LCNW	175	lc/h
Total Lane-Changing Rate, LCALL	293	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	293	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.139	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	63.3	mi/h
Average Non-Weaving Speed, SNW	66.1	mi/h
Average Speed, S	65.9	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	1372	pc/h
Number of Lanes, N	2	ln
Average Speed, S	65.9	mi/h
Density, D	10.4	pc/mi/ln
Level of Service, LOS	B	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	659	1251	1684	2040	2198
Service Flow Rate (SF), veh/h	1198	2274	3062	3708	3996
Service Volume, veh/h	1078	2047	2755	3337	3596
One Direction DSV, 1000 veh/day	11	20	28	33	36
Bi-Direction DSV, 1000 veh/day	20	37	50	61	65

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	6.8	5.1	4.0	3.4
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/22/2022 22:25:41

Weaving Sections
Alternative 7
AM & PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT5_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 07 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	284	pc/h
Capacity, cW	3852	pc/h
Volume-to-Capacity Ratio, v/c	0.07	
Average Speed, S	68.7	mi/h
Density, D	2.1	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	193	veh/h
Ramp-to-Freeway Demand, VRF	5	veh/h
Freeway-to-Ramp Demand, VFR	34	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	193	5	0	34	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	236	6	0	42	pc/h

Weaving Flow Rate, vW	48	pc/h
Non-Weaving Flow Rate, vNW	236	pc/h
Total Flow Rate, v	284	pc/h
Volume Ratio, VR	0.169	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	6	pc/h
Freeway-to-Ramp Flow Rate, vFR	42	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	48	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.169	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4222	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.169	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2119	pc/h/ln
Demand Flow-Based Capacity, cIW	14201	pc/h
Weaving Segment Capacity, cW	3852	veh/h

Unadjusted Capacity of Weaving Area, cW	3852	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3852	veh/h
Adjusted Capacity of Weaving Area	4238	pc/h
Volume-to-Capacity Ratio, v/c	0.07	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	48	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	236	pc/h
Non-Weaving Vehicle Index, INW	4	
Weaving Lane-Changing Rate, LCW	79	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	79	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	79	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.049	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	67.4	mi/h
Average Non-Weaving Speed, SNW	69.0	mi/h
Average Speed, S	68.7	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	284	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.7	mi/h
Density, D	2.1	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	644	1214	1614	1940	2119
Service Flow Rate (SF), veh/h	1172	2208	2935	3528	3852
Service Volume, veh/h	1054	1987	2641	3175	3467
One Direction DSV, 1000 veh/day	11	20	26	32	35
Bi-Direction DSV, 1000 veh/day	19	36	48	58	63

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.4	1.0	0.8	0.7
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:41:17

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT5_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 07 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	1045	pc/h
Capacity, cW	3954	pc/h
Volume-to-Capacity Ratio, v/c	0.24	
Average Speed, S	66.6	mi/h
Density, D	7.8	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	774	veh/h
Ramp-to-Freeway Demand, VRF	12	veh/h
Freeway-to-Ramp Demand, VFR	69	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	774	12	0	69	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	946	15	0	84	pc/h

Weaving Flow Rate, vW	99	pc/h
Non-Weaving Flow Rate, vNW	946	pc/h
Total Flow Rate, v	1045	pc/h
Volume Ratio, VR	0.095	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	15	pc/h
Freeway-to-Ramp Flow Rate, vFR	84	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	99	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.095	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3491	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.095	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2175	pc/h/ln
Demand Flow-Based Capacity, cIW	25263	pc/h
Weaving Segment Capacity, cW	3954	veh/h

Unadjusted Capacity of Weaving Area, cW	3954	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3954	veh/h
Adjusted Capacity of Weaving Area	4350	pc/h
Volume-to-Capacity Ratio, v/c	0.24	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	99	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	946	pc/h
Non-Weaving Vehicle Index, INW	17	
Weaving Lane-Changing Rate, LCW	130	lc/h
Non-Weaving Lane-Changing Rate, LCNW	105	lc/h
Total Lane-Changing Rate, LCALL	235	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	235	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.116	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	64.3	mi/h
Average Non-Weaving Speed, SNW	66.8	mi/h
Average Speed, S	66.6	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	1045	pc/h
Number of Lanes, N	2	ln
Average Speed, S	66.6	mi/h
Density, D	7.8	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	659	1238	1667	2005	2175
Service Flow Rate (SF), veh/h	1198	2250	3030	3645	3954
Service Volume, veh/h	1078	2025	2727	3281	3559
One Direction DSV, 1000 veh/day	11	20	27	33	36
Bi-Direction DSV, 1000 veh/day	20	37	50	60	65

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	5.2	3.9	3.1	2.6
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/23/2022 21:42:13

Weaving Sections
Alternatives 8 & 9
AM & PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT8_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 08 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	249	pc/h
Capacity, cW	3778	pc/h
Volume-to-Capacity Ratio, v/c	0.06	
Average Speed, S	68.6	mi/h
Density, D	1.8	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	159	veh/h
Ramp-to-Freeway Demand, VRF	0	veh/h
Freeway-to-Ramp Demand, VFR	45	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	159	0	0	45	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	194	0	0	55	pc/h

Weaving Flow Rate, vW	55	pc/h
Non-Weaving Flow Rate, vNW	194	pc/h
Total Flow Rate, v	249	pc/h
Volume Ratio, VR	0.221	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	0	pc/h
Freeway-to-Ramp Flow Rate, vFR	55	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	55	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.221	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4752	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.221	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2078	pc/h/ln
Demand Flow-Based Capacity, cIW	10860	pc/h
Weaving Segment Capacity, cW	3778	veh/h

Unadjusted Capacity of Weaving Area, cW	3778	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3778	veh/h
Adjusted Capacity of Weaving Area	4156	pc/h
Volume-to-Capacity Ratio, v/c	0.06	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	55	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	194	pc/h
Non-Weaving Vehicle Index, INW	4	
Weaving Lane-Changing Rate, LCW	86	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	86	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	86	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.053	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	67.2	mi/h
Average Non-Weaving Speed, SNW	69.0	mi/h
Average Speed, S	68.6	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	249	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.6	mi/h
Density, D	1.8	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	638	1190	1587	1900	2078
Service Flow Rate (SF), veh/h	1160	2164	2885	3453	3778
Service Volume, veh/h	1044	1948	2596	3108	3400
One Direction DSV, 1000 veh/day	10	19	26	31	34
Bi-Direction DSV, 1000 veh/day	19	35	47	57	62

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.2	0.9	0.7	0.6
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:25:20

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT8_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 08 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	910	pc/h
Capacity, cW	3932	pc/h
Volume-to-Capacity Ratio, v/c	0.21	
Average Speed, S	66.8	mi/h
Density, D	6.8	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	662	veh/h
Ramp-to-Freeway Demand, VRF	7	veh/h
Freeway-to-Ramp Demand, VFR	75	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	662	7	0	75	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	809	9	0	92	pc/h

Weaving Flow Rate, vW	101	pc/h
Non-Weaving Flow Rate, vNW	809	pc/h
Total Flow Rate, v	910	pc/h
Volume Ratio, VR	0.111	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	9	pc/h
Freeway-to-Ramp Flow Rate, vFR	92	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	101	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.111	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3647	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.111	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2163	pc/h/ln
Demand Flow-Based Capacity, cIW	21622	pc/h
Weaving Segment Capacity, cW	3932	veh/h

Unadjusted Capacity of Weaving Area, cW	3932	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3932	veh/h
Adjusted Capacity of Weaving Area	4326	pc/h
Volume-to-Capacity Ratio, v/c	0.21	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	101	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	809	pc/h
Non-Weaving Vehicle Index, INW	15	
Weaving Lane-Changing Rate, LCW	132	lc/h
Non-Weaving Lane-Changing Rate, LCNW	77	lc/h
Total Lane-Changing Rate, LCALL	209	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	209	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.106	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	64.7	mi/h
Average Non-Weaving Speed, SNW	67.1	mi/h
Average Speed, S	66.8	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	910	pc/h
Number of Lanes, N	2	ln
Average Speed, S	66.8	mi/h
Density, D	6.8	pc/mi/ln
Level of Service, LOS	A	

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	4.5	3.4	2.7	2.2
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 15:26:28

Weaving Sections Alternatives 10 & 11 AM & PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT10_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 10 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	294	pc/h
Capacity, cW	3758	pc/h
Volume-to-Capacity Ratio, v/c	0.07	
Average Speed, S	68.3	mi/h
Density, D	2.2	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	184	veh/h
Ramp-to-Freeway Demand, VRF	1	veh/h
Freeway-to-Ramp Demand, VFR	56	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	184	1	0	56	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	225	1	0	68	pc/h

Weaving Flow Rate, vW	69	pc/h
Non-Weaving Flow Rate, vNW	225	pc/h
Total Flow Rate, v	294	pc/h
Volume Ratio, VR	0.235	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	1	pc/h
Freeway-to-Ramp Flow Rate, vFR	68	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	69	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.235	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4897	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.235	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2067	pc/h/ln
Demand Flow-Based Capacity, cIW	10213	pc/h
Weaving Segment Capacity, cW	3758	veh/h

Unadjusted Capacity of Weaving Area, cW	3758	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3758	veh/h
Adjusted Capacity of Weaving Area	4134	pc/h
Volume-to-Capacity Ratio, v/c	0.07	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	69	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	225	pc/h
Non-Weaving Vehicle Index, INW	4	
Weaving Lane-Changing Rate, LCW	100	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	100	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	100	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.059	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	66.9	mi/h
Average Non-Weaving Speed, SNW	68.8	mi/h
Average Speed, S	68.3	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	294	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.3	mi/h
Density, D	2.2	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	638	1184	1576	1890	2067
Service Flow Rate (SF), veh/h	1160	2153	2865	3436	3758
Service Volume, veh/h	1044	1938	2579	3092	3382
One Direction DSV, 1000 veh/day	10	19	26	31	34
Bi-Direction DSV, 1000 veh/day	19	35	47	56	61

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.4	1.1	0.9	0.7
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:39:15

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT10_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 10 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	1266	pc/h
Capacity, cW	3965	pc/h
Volume-to-Capacity Ratio, v/c	0.29	
Average Speed, S	65.9	mi/h
Density, D	9.6	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	946	veh/h
Ramp-to-Freeway Demand, VRF	4	veh/h
Freeway-to-Ramp Demand, VFR	86	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	946	4	0	86	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	1156	5	0	105	pc/h

Weaving Flow Rate, vW	110	pc/h
Non-Weaving Flow Rate, vNW	1156	pc/h
Total Flow Rate, v	1266	pc/h
Volume Ratio, VR	0.087	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	5	pc/h
Freeway-to-Ramp Flow Rate, vFR	105	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	110	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.087	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3414	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.087	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2181	pc/h/ln
Demand Flow-Based Capacity, cIW	27586	pc/h
Weaving Segment Capacity, cW	3965	veh/h

Unadjusted Capacity of Weaving Area, cW	3965	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3965	veh/h
Adjusted Capacity of Weaving Area	4362	pc/h
Volume-to-Capacity Ratio, v/c	0.29	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	110	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	1156	pc/h
Non-Weaving Vehicle Index, INW	21	
Weaving Lane-Changing Rate, LCW	141	lc/h
Non-Weaving Lane-Changing Rate, LCNW	148	lc/h
Total Lane-Changing Rate, LCALL	289	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	289	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.137	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	63.4	mi/h
Average Non-Weaving Speed, SNW	66.2	mi/h
Average Speed, S	65.9	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	1266	pc/h
Number of Lanes, N	2	ln
Average Speed, S	65.9	mi/h
Density, D	9.6	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	659	1244	1666	2011	2181
Service Flow Rate (SF), veh/h	1198	2262	3029	3656	3965
Service Volume, veh/h	1078	2035	2726	3290	3569
One Direction DSV, 1000 veh/day	11	20	27	33	36
Bi-Direction DSV, 1000 veh/day	20	37	50	60	65

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	6.3	4.7	3.7	3.1
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/24/2022 22:40:39

Weaving Sections
Alternatives 12 & 13
AM & PM Peak Hour

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT12_AM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	AM Peak
Project Description:	SELL Alt 12 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	296	pc/h
Capacity, cW	3761	pc/h
Volume-to-Capacity Ratio, v/c	0.07	
Average Speed, S	68.3	mi/h
Density, D	2.2	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	186	veh/h
Ramp-to-Freeway Demand, VRF	1	veh/h
Freeway-to-Ramp Demand, VFR	56	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	186	1	0	56	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	227	1	0	68	pc/h

Weaving Flow Rate, vW	69	pc/h
Non-Weaving Flow Rate, vNW	227	pc/h
Total Flow Rate, v	296	pc/h
Volume Ratio, VR	0.233	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	1	pc/h
Freeway-to-Ramp Flow Rate, vFR	68	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	69	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.233	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	4876	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.233	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2069	pc/h/ln
Demand Flow-Based Capacity, cIW	10300	pc/h
Weaving Segment Capacity, cW	3761	veh/h

Unadjusted Capacity of Weaving Area, cW	3761	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3761	veh/h
Adjusted Capacity of Weaving Area	4138	pc/h
Volume-to-Capacity Ratio, v/c	0.07	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	69	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	227	pc/h
Non-Weaving Vehicle Index, INW	4	
Weaving Lane-Changing Rate, LCW	100	lc/h
Non-Weaving Lane-Changing Rate, LCNW	0	lc/h
Total Lane-Changing Rate, LCALL	100	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	100	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.059	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	66.9	mi/h
Average Non-Weaving Speed, SNW	68.8	mi/h
Average Speed, S	68.3	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	296	pc/h
Number of Lanes, N	2	ln
Average Speed, S	68.3	mi/h
Density, D	2.2	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	638	1185	1576	1890	2069
Service Flow Rate (SF), veh/h	1160	2154	2865	3435	3761
Service Volume, veh/h	1044	1939	2578	3092	3385
One Direction DSV, 1000 veh/day	10	19	26	31	34
Bi-Direction DSV, 1000 veh/day	19	35	47	56	62

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	1.4	1.1	0.9	0.7
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:15:33

HCS7 Freeway Weaving Segment Text Report

FREEWAY WEAVING SEGMENT ANALYSIS

File Name:	2040_ALT12_PM_SB_US 501_Weave.xuf
Analyst:	NM
Agency:	STV Incorporated
Jurisdiction:	Horry County
Date:	6/10/2022
Analysis Year:	2040
Time Period Analyzed:	PM Peak
Project Description:	SELL Alt 12 SB US 501 Weave
Units:	United States Customary

LOS and Performance Measures

Demand Flow Rate, v	1274	pc/h
Capacity, cW	3965	pc/h
Volume-to-Capacity Ratio, v/c	0.29	
Average Speed, S	65.9	mi/h
Density, D	9.7	pc/mi/ln
Level of Service, LOS	A	

Step 1: Input Data

Segment Type	Freeway	
Number of Lanes, N	2	ln
Free-Flow Speed, FFS	70.0	mi/h
Weaving Configuration	One-Sided	
Number of Maneuver Lanes, NWL	2	ln
Short Length, LS	545	ft
Interchange Density, ID	0.33	int/mi
Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
On-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Off-Ramp Terrain Type	Level	
Percent Grade	-	%
Grade Length	-	mi
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Freeway-to-Freeway Demand, VFF	952	veh/h
Ramp-to-Freeway Demand, VRF	4	veh/h
Freeway-to-Ramp Demand, VFR	86	veh/h
Ramp-to-Ramp Demand, VRR	0	veh/h
Peak Hour Factor, PHF	0.90	
Percent Total Trucks	10.00	%
Percent Single-Unit Trucks, SUT	-	%
Percent Tractor-Trailers, TT	-	%

Step 2: Adjust Volume

Volume Components

	VFF	VRF	VRR	VFR	
Demand Volume, Vi	952	4	0	86	veh/h
Peak Hour Factor, PHF	0.90	0.90	0.90	0.90	
Percent Total Trucks	10.00	10.00	10.00	10.00	%
Percent Single-Unit Trucks, SUT	-	-	-	-	%
Percent Tractor-Trailers, TT	-	-	-	-	%
Proportion of Total Trucks, PT	0.1000	0.1000	0.1000	0.1000	
Heavy Vehicle PCE, ET	2.000	2.000	2.000	2.000	
Heavy Vehicle Adjustment Factor, fHV	0.909	0.909	0.909	0.909	
Demand Adjustment Factor, DAF	1.000	1.000	1.000	1.000	

Flow Rate, vi	1164	5	0	105	pc/h

Weaving Flow Rate, vW	110	pc/h
Non-Weaving Flow Rate, vNW	1164	pc/h
Total Flow Rate, v	1274	pc/h
Volume Ratio, VR	0.086	

Step 3: Determine Configuration Characteristics

Weaving Configuration	One-Sided	
Minimum Ramp-to-Freeway Lane Changes, LCRF	1	lc/pc
Minimum Freeway-to-Ramp Lane Changes, LCFR	1	lc/pc
Minimum Ramp-to-Ramp Lane Changes, LCRR	0	lc/pc
Ramp-to-Freeway Flow Rate, vRF	5	pc/h
Freeway-to-Ramp Flow Rate, vFR	105	pc/h
Ramp-to-Ramp Flow Rate, vRR	0	pc/h
Minimum Weaving Lane-Changing Rate, LCMIN	110	lc/h

Step 4: Determine Maximum Weaving Length

Volume Ratio, VR	0.086	
Number of Maneuver Lanes, NWL	2	ln
Maximum Weaving Segment Length, LMAX	3404	ft
Short Length, LS	545	ft

Step 5: Determine Weaving Segment Capacity

Volume Ratio, VR	0.086	
Short Length, LS	545	ft
Number of Maneuver Lanes, NWL	2	ln
Number of Lanes, N	2	ln
Heavy Vehicle Adjustment Factor, fHV	0.909	
Freeway Segment Capacity, cIFL	2400	pc/h/ln
Density-Based Capacity, cIWL	2181	pc/h/ln
Demand Flow-Based Capacity, cIW	27907	pc/h
Weaving Segment Capacity, cW	3965	veh/h

Unadjusted Capacity of Weaving Area, cW	3965	veh/h
Driver Population	All Familiar	
Driver Population CAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type CAF	1.000	
Incident Type	No Incident	
Incident Type CAF	1.000	
Final Capacity Adjustment Factor, CAF	1.000	
Adjusted Capacity of Weaving Area, cwa	3965	veh/h
Adjusted Capacity of Weaving Area	4362	pc/h
Volume-to-Capacity Ratio, v/c	0.29	

Step 6: Determine Lane-Changing Rates

Minimum Weaving Lane-Changing Rate, LCMIN	110	lc/h
Short Length, LS	545	ft
Number of Lanes, N	2	ln
Interchange Density, ID	0.33	int/mi
Non-Weaving Flow Rate, vNW	1164	pc/h
Non-Weaving Vehicle Index, INW	21	
Weaving Lane-Changing Rate, LCW	141	lc/h
Non-Weaving Lane-Changing Rate, LCNW	150	lc/h
Total Lane-Changing Rate, LCALL	291	lc/h

Step 7: Determine Average Speeds of Weaving and Non-Weaving Vehicles

Free-Flow Speed, FFS	70.0	mi/h
Driver Population	All Familiar	
Driver Population SAF	1.000	
Weather Type	Non-Severe Weather	
Weather Type SAF	1.000	

Final Speed Adjustment Factor, SAF	1.000	
Total Lane-Changing Rate, LCALL	291	lc/h
Short Length, LS	545	ft
Weaving Intensity Factor, W	0.138	
Minimum Average Weaving Speed, SMIN	15	mi/h
Maximum Average Weaving Speed, SMAX	70.0	mi/h
Average Weaving Speed, SW	63.3	mi/h
Average Non-Weaving Speed, SNW	66.2	mi/h
Average Speed, S	65.9	mi/h

Step 8: Determine LOS

Demand Flow Rate, v	1274	pc/h
Number of Lanes, N	2	ln
Average Speed, S	65.9	mi/h
Density, D	9.7	pc/mi/ln
Level of Service, LOS	A	

Service Volume Table

Target LOS	A	B	C	D	E
Max Service Flow Rate (MSF), pc/h/ln	659	1244	1666	2011	2181
Service Flow Rate (SF), veh/h	1198	2262	3029	3656	3965
Service Volume, veh/h	1078	2035	2726	3290	3569
One Direction DSV, 1000 veh/day	11	20	27	33	36
Bi-Direction DSV, 1000 veh/day	20	37	50	60	65

Design Analysis Table

Number of Lanes, ln	3	4	5	6
Density, pc/mi/ln	6.3	4.7	3.8	3.1
LOS	A	A	A	A

This Freeway Weaving Segment text report was created in HCS™ Freeways Version 7.8.5 on 10/26/2022 15:16:33

Appendix F—SC 707 SPUI Analysis Results

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	494	440	0	0	0	0
Future Volume (vph)	494	440	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		600	0		0	0
Storage Lanes		1	0		0	0
Taper Length (ft)			100		100	
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected						
Satd. Flow (prot)	5085	1583	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	5085	1583	0	0	0	0
Link Speed (mph)	60			60	30	
Link Distance (ft)	3972			2218	837	
Travel Time (s)	45.1			25.2	19.0	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	549	489	0	0	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	549	489	0	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	R NA	Left	Left	Left	Right
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	0			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		55	15		15	55
Sign Control	Free			Stop	Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 38.9%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	494	0	0	0	0	367
Future Volume (vph)	494	0	0	0	0	367
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	5085	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	5085	0	0	0	0	1611
Link Speed (mph)	50			60	55	
Link Distance (ft)	236			1936	250	
Travel Time (s)	3.2			22.0	3.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	549	0	0	0	0	408
Shared Lane Traffic (%)						
Lane Group Flow (vph)	549	0	0	0	0	408
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Stop	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 38.9%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations				↑↑↑		↱↱↱
Traffic Volume (vph)	0	0	0	880	0	861
Future Volume (vph)	0	0	0	880	0	861
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.91	1.00	0.76
Frt						0.850
Flt Protected						
Satd. Flow (prot)	0	0	0	5085	0	3610
Flt Permitted						
Satd. Flow (perm)	0	0	0	5085	0	3610
Link Speed (mph)	60			50	50	
Link Distance (ft)	1230			1227	278	
Travel Time (s)	14.0			16.7	3.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	0	978	0	957
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	978	0	957
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			12	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane				Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Free	Free	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 23.4% ICU Level of Service A

Analysis Period (min) 15

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	466	414	0	0
Future Volume (vph)	0	0	466	414	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.86	0.86	1.00	1.00
Frt			0.954	0.850		
Flt Protected						
Satd. Flow (prot)	0	0	4585	1362	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	4585	1362	0	0
Link Speed (mph)		60	50		30	
Link Distance (ft)		1920	974		384	
Travel Time (s)		21.8	13.3		8.7	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	518	460	0	0
Shared Lane Traffic (%)				50%		
Lane Group Flow (vph)	0	0	748	230	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	R NA	Left	Right
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			50	15	9
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 46.2%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	466	0	0	493
Future Volume (vph)	0	0	466	0	0	493
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.91	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	0	0	5085	0	0	1611
Flt Permitted						
Satd. Flow (perm)	0	0	5085	0	0	1611
Link Speed (mph)		60	60		50	
Link Distance (ft)		1044	489		455	
Travel Time (s)		11.9	5.6		6.2	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.93
Adj. Flow (vph)	0	0	518	0	0	530
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	518	0	0	530
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	Right	Left	R NA
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	50
Sign Control		Free	Free		Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 46.2%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	208	232	0	0	0	0
Future Volume (vph)	208	232	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	0.91	1.00	1.00	1.00	1.00
Frt	0.953	0.850				
Flt Protected						
Satd. Flow (prot)	3251	1470	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	3251	1470	0	0	0	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	402			397	325	
Travel Time (s)	9.1			9.0	7.4	
Peak Hour Factor	0.93	0.94	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	0%	2%	2%	2%	2%
Adj. Flow (vph)	224	247	0	0	0	0
Shared Lane Traffic (%)		41%				
Lane Group Flow (vph)	325	146	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			16	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		25	15		15	9
Sign Control	Free			Free	Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 12.9% ICU Level of Service A

Analysis Period (min) 15

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑					↱
Traffic Volume (vph)	119	0	0	0	0	248
Future Volume (vph)	119	0	0	0	0	248
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.95	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	3610	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	3610	0	0	0	0	1611
Link Speed (mph)	30			30	30	
Link Distance (ft)	360			336	419	
Travel Time (s)	8.2			7.6	9.5	
Peak Hour Factor	0.70	0.90	0.90	0.90	0.90	0.74
Heavy Vehicles (%)	0%	2%	2%	2%	2%	2%
Adj. Flow (vph)	170	0	0	0	0	335
Shared Lane Traffic (%)						
Lane Group Flow (vph)	170	0	0	0	0	335
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	35
Sign Control	Free			Stop	Yield	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 25.4%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	234	180	0	0	0	0
Future Volume (vph)	234	180	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	100	0		0	0	
Storage Lanes	1	1		0	0	
Taper Length (ft)	100				100	
Lane Util. Factor	0.97	0.91	1.00	1.00	1.00	1.00
Frt	0.965	0.850				
Flt Protected	0.963					
Satd. Flow (prot)	3358	1441	0	0	0	0
Flt Permitted	0.963					
Satd. Flow (perm)	3358	1441	0	0	0	0
Link Speed (mph)	30		30			30
Link Distance (ft)	211		393			230
Travel Time (s)	4.8		8.9			5.2
Peak Hour Factor	0.85	0.73	0.90	0.90	0.90	0.90
Adj. Flow (vph)	275	247	0	0	0	0
Shared Lane Traffic (%)		34%				
Lane Group Flow (vph)	359	163	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	24		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	25	25		9	15	
Sign Control	Free		Free			Free

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 11.9%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	279	0	0	0	0	214
Future Volume (vph)	279	0	0	0	0	214
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.97	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected	0.950					
Satd. Flow (prot)	3467	0	0	0	0	1863
Flt Permitted	0.950					
Satd. Flow (perm)	3467	0	0	0	0	1863
Link Speed (mph)	30		30			30
Link Distance (ft)	288		840			370
Travel Time (s)	6.5		19.1			8.4
Peak Hour Factor	0.87	0.80	0.90	0.90	0.90	0.77
Heavy Vehicles (%)	1%	2%	2%	2%	2%	2%
Adj. Flow (vph)	321	0	0	0	0	278
Shared Lane Traffic (%)						
Lane Group Flow (vph)	321	0	0	0	0	278
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	Right	Left	R NA
Median Width(ft)	24		0			0
Link Offset(ft)	0		18			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	35	9		9	15	
Sign Control	Free		Free			Yield

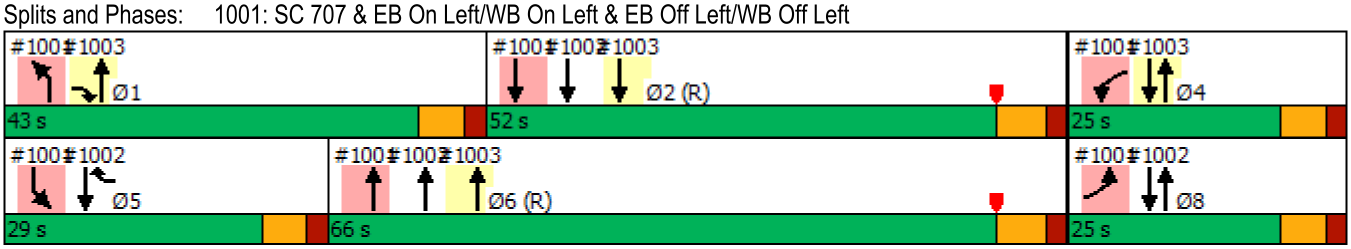
Intersection Summary		
Area Type:	Other	
Control Type: Unsignalized		
Intersection Capacity Utilization 25.9%		ICU Level of Service A
Analysis Period (min) 15		

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	208	234	279	531	119	583
Future Volume (vph)	208	234	279	531	119	583
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	155	0	160		0	
Storage Lanes	0	2	1		2	
Taper Length (ft)	100	100	100		100	
Lane Util. Factor	0.97	0.97	0.97	0.95	0.97	0.95
Frt						
Flt Protected	0.950	0.950	0.950		0.950	
Satd. Flow (prot)	3433	3433	3467	3610	3433	3574
Flt Permitted	0.950	0.950	0.950		0.950	
Satd. Flow (perm)	3433	3433	3467	3610	3433	3574
Right Turn on Red						
Satd. Flow (RTOR)						
Link Speed (mph)				45		45
Link Distance (ft)				325		309
Travel Time (s)				4.9		4.7
Peak Hour Factor	0.93	0.90	0.87	0.92	0.90	0.84
Heavy Vehicles (%)	2%	2%	1%	0%	2%	1%
Adj. Flow (vph)	224	260	321	577	132	694
Shared Lane Traffic (%)						
Lane Group Flow (vph)	224	260	321	577	132	694
Enter Blocked Intersection	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Left	Left	Left	Left
Median Width(ft)				24		48
Link Offset(ft)				0		0
Crosswalk Width(ft)				10		10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	15	15		15	
Number of Detectors	1	1	1	1	1	1
Detector Template	Left	Left	Left		Left	
Leading Detector (ft)	30	30	30	306	30	306
Trailing Detector (ft)	0	0	0	300	0	300
Detector 1 Position(ft)	0	0	0	300	0	300
Detector 1 Size(ft)	30	30	30	6	30	6
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Turn Type	Prot	Prot	Prot	NA	Prot	NA
Protected Phases	8	4	1	6	5	2
Permitted Phases						
Detector Phase	8	4	1	6	5	2
Switch Phase						
Minimum Initial (s)	6.0	6.0	6.0	10.0	6.0	10.0
Minimum Split (s)	12.0	12.0	12.0	16.5	12.0	16.5

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Total Split (s)	25.0	25.0	43.0	66.0	29.0	52.0
Total Split (%)	20.8%	20.8%	35.8%	55.0%	24.2%	43.3%
Maximum Green (s)	19.0	19.0	37.0	59.5	23.0	45.5
Yellow Time (s)	4.0	4.0	4.0	4.5	4.0	4.5
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.5	6.0	6.5
Lead/Lag			Lead	Lag	Lead	Lag
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	18.8	18.8	29.7	66.8	15.9	53.0
Actuated g/C Ratio	0.16	0.16	0.25	0.56	0.13	0.44
v/c Ratio	0.42	0.48	0.38	0.29	0.29	0.44
Control Delay	48.3	49.5	37.8	15.0	45.2	22.9
Queue Delay	0.0	0.0	0.0	0.5	0.0	0.6
Total Delay	48.3	49.5	37.8	15.5	45.2	23.5
LOS	D	D	D	B	D	C
Approach Delay				23.5		27.0
Approach LOS				C		C

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 50	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.67	
Intersection Signal Delay: 30.4	Intersection LOS: C
Intersection Capacity Utilization 46.2%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1001: SC 707 & EB On Left/WB On Left & EB Off Left/WB Off Left



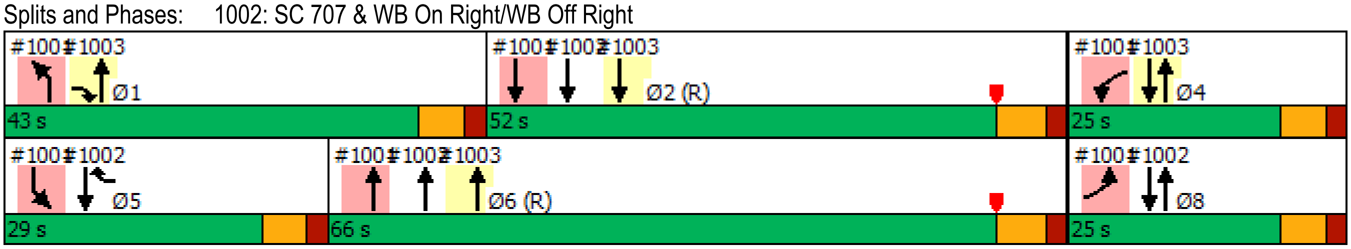
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	180	0	739	0	0	702	214
Future Volume (vph)	0	0	0	0	0	180	0	739	0	0	702	214
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	0.88	1.00	0.95	1.00	1.00	0.95	1.00
Frt						0.850						0.850
Flt Protected												
Satd. Flow (prot)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Flt Permitted												
Satd. Flow (perm)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Right Turn on Red			Yes			No			Yes			Yes
Satd. Flow (RTOR)												195
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		370			230			309			499	
Travel Time (s)		8.4			5.2			4.7			7.6	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.73	0.90	0.90	0.90	0.90	0.72	0.77
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	0%	2%
Adj. Flow (vph)	0	0	0	0	0	247	0	821	0	0	975	278
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	0	0	0	247	0	821	0	0	975	278
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane											Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors						1		2			0	0
Detector Template						Right		Thru				
Leading Detector (ft)						30		100			0	0
Trailing Detector (ft)						0		0			0	0
Detector 1 Position(ft)						0		0			0	0
Detector 1 Size(ft)						30		6			30	30
Detector 1 Type						Cl+Ex		Cl+Ex			Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)						0.0		0.0			0.0	0.0
Detector 1 Queue (s)						0.0		0.0			0.0	0.0
Detector 1 Delay (s)						0.0		0.0			0.0	0.0
Detector 2 Position(ft)								94				
Detector 2 Size(ft)								6				
Detector 2 Type								Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)								0.0				
Turn Type						Prot		NA			NA	Free
Protected Phases						5		6 8			2 5 8	
Permitted Phases												Free
Detector Phase						5		6 8				
Switch Phase												

Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	1	2	4	6	8
Permitted Phases					
Detector Phase					
Switch Phase					

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Minimum Initial (s)						6.0						
Minimum Split (s)						12.0						
Total Split (s)						29.0						
Total Split (%)						24.2%						
Maximum Green (s)						23.0						
Yellow Time (s)						4.0						
All-Red Time (s)						2.0						
Lost Time Adjust (s)						0.0						
Total Lost Time (s)						6.0						
Lead/Lag						Lead						
Lead-Lag Optimize?												
Vehicle Extension (s)						3.0						
Recall Mode						None						
Act Effct Green (s)						15.9		91.6			99.7	120.0
Actuated g/C Ratio						0.13		0.76			0.83	1.00
v/c Ratio						0.67		0.30			0.33	0.18
Control Delay						58.4		0.7			2.8	0.2
Queue Delay						0.0		0.2			0.0	0.0
Total Delay						58.4		0.9			2.8	0.2
LOS						E		A			A	A
Approach Delay					58.4			0.9			2.2	
Approach LOS					E			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 50	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.67	
Intersection Signal Delay: 7.7	Intersection LOS: A
Intersection Capacity Utilization 37.1%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1002: SC 707 & WB On Right/WB Off Right



Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Minimum Initial (s)	6.0	10.0	6.0	10.0	6.0
Minimum Split (s)	12.0	16.5	12.0	16.5	12.0
Total Split (s)	43.0	52.0	25.0	66.0	25.0
Total Split (%)	36%	43%	21%	55%	21%
Maximum Green (s)	37.0	45.5	19.0	59.5	19.0
Yellow Time (s)	4.0	4.5	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lead	Lag		Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Max	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

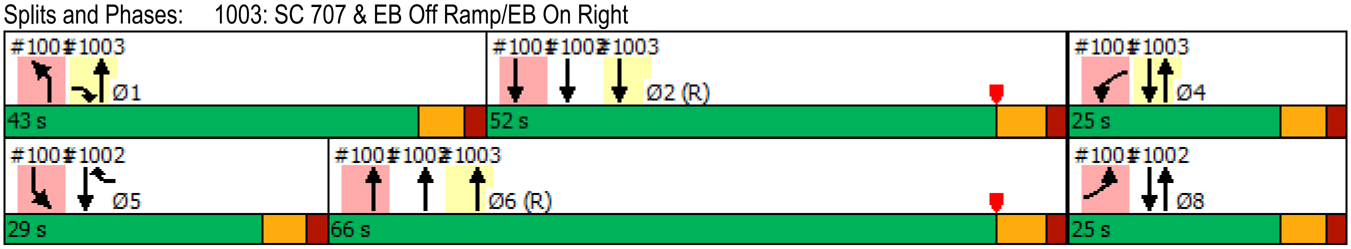
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	440	0	0	0	0	810	248	0	817	0
Future Volume (vph)	0	0	440	0	0	0	0	810	248	0	817	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	0		250	0		0
Storage Lanes	0		2	0		0	0		1	0		0
Taper Length (ft)	100			100			100			100		
Lane Util. Factor	1.00	1.00	0.88	1.00	1.00	1.00	1.00	0.95	1.00	1.00	0.95	1.00
Frt			0.850						0.850			
Flt Protected												
Satd. Flow (prot)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Flt Permitted												
Satd. Flow (perm)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Right Turn on Red			No			Yes			Yes			Yes
Satd. Flow (RTOR)									244			
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		325			419			455			325	
Travel Time (s)		7.4			9.5			6.9			4.9	
Peak Hour Factor	0.90	0.90	0.94	0.90	0.90	0.90	0.90	0.94	0.74	0.90	0.84	0.90
Heavy Vehicles (%)	2%	2%	0%	2%	2%	2%	2%	1%	2%	2%	1%	2%
Adj. Flow (vph)	0	0	468	0	0	0	0	862	335	0	973	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	468	0	0	0	0	862	335	0	973	0
Enter Blocked Intersection	No	No	No	No	No	No	No	Yes	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			36			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors			1					0	1		2	
Detector Template			Right						Right		Thru	
Leading Detector (ft)			30					0	20		100	
Trailing Detector (ft)			0					0	0		0	
Detector 1 Position(ft)			0					0	0		0	
Detector 1 Size(ft)			30					30	20		6	
Detector 1 Type			Cl+Ex					Cl+Ex	Cl+Ex		Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)			0.0					0.0	0.0		0.0	
Detector 1 Queue (s)			0.0					0.0	0.0		0.0	
Detector 1 Delay (s)			0.0					0.0	0.0		0.0	
Detector 2 Position(ft)											94	
Detector 2 Size(ft)											6	
Detector 2 Type											Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)											0.0	
Turn Type			Prot					NA	Free		NA	
Protected Phases			1					1 6 4			2 4	

Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Storage Length (ft)					
Storage Lanes					
Taper Length (ft)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	2	4	5	6	8

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases									Free			
Detector Phase			1					1 6 4			2 4	
Switch Phase												
Minimum Initial (s)			6.0									
Minimum Split (s)			12.0									
Total Split (s)			43.0									
Total Split (%)			35.8%									
Maximum Green (s)			37.0									
Yellow Time (s)			4.0									
All-Red Time (s)			2.0									
Lost Time Adjust (s)			0.0									
Total Lost Time (s)			6.0									
Lead/Lag			Lead									
Lead-Lag Optimize?												
Vehicle Extension (s)			3.0									
Recall Mode			None									
Act Effct Green (s)			29.7					120.0	120.0		77.8	
Actuated g/C Ratio			0.25					1.00	1.00		0.65	
v/c Ratio			0.67					0.24	0.21		0.42	
Control Delay			45.0					0.2	0.3		1.2	
Queue Delay			0.0					0.0	0.0		0.1	
Total Delay			45.0					0.2	0.3		1.3	
LOS			D					A	A		A	
Approach Delay		45.0						0.2			1.3	
Approach LOS		D						A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 50	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.67	
Intersection Signal Delay: 8.6	Intersection LOS: A
Intersection Capacity Utilization 48.4%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1003: SC 707 & EB Off Ramp/EB On Right



Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Permitted Phases					
Detector Phase					
Switch Phase					
Minimum Initial (s)	10.0	6.0	6.0	10.0	6.0
Minimum Split (s)	16.5	12.0	12.0	16.5	12.0
Total Split (s)	52.0	25.0	29.0	66.0	25.0
Total Split (%)	43%	21%	24%	55%	21%
Maximum Green (s)	45.5	19.0	23.0	59.5	19.0
Yellow Time (s)	4.5	4.0	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lag		Lead	Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	C-Max	None	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑	↱				
Traffic Volume (vph)	919	1042	0	0	0	0
Future Volume (vph)	919	1042	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		600	0		0	0
Storage Lanes		1	0		0	0
Taper Length (ft)			100		100	
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected						
Satd. Flow (prot)	5085	1583	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	5085	1583	0	0	0	0
Link Speed (mph)	60			60	30	
Link Distance (ft)	3972			2218	837	
Travel Time (s)	45.1			25.2	19.0	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	1021	1158	0	0	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1021	1158	0	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	R NA	Left	Left	Left	Right
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	0			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		55	15		15	55
Sign Control	Free			Stop	Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 67.9%	ICU Level of Service C
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	919	0	0	0	0	655
Future Volume (vph)	919	0	0	0	0	655
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	5085	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	5085	0	0	0	0	1611
Link Speed (mph)	50			60	55	
Link Distance (ft)	236			1936	250	
Travel Time (s)	3.2			22.0	3.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	1021	0	0	0	0	728
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1021	0	0	0	0	728
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Stop	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 67.9%	ICU Level of Service C
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (vph)	0	0	0	1533	0	157
Future Volume (vph)	0	0	0	1533	0	157
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.91	1.00	0.76
Frt						0.850
Flt Protected						
Satd. Flow (prot)	0	0	0	5085	0	3610
Flt Permitted						
Satd. Flow (perm)	0	0	0	5085	0	3610
Link Speed (mph)	60			50	50	
Link Distance (ft)	1230			1227	278	
Travel Time (s)	14.0			16.7	3.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	0	1703	0	174
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	1703	0	174
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			12	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane				Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Free	Free	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 33.0%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	914	619	0	0
Future Volume (vph)	0	0	914	619	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.86	0.86	1.00	1.00
Frt			0.966	0.850		
Flt Protected						
Satd. Flow (prot)	0	0	4642	1362	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	4642	1362	0	0
Link Speed (mph)		60	50		30	
Link Distance (ft)		1920	974		384	
Travel Time (s)		21.8	13.3		8.7	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	1016	688	0	0
Shared Lane Traffic (%)				44%		
Lane Group Flow (vph)	0	0	1319	385	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	R NA	Left	Right
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			50	15	9
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 87.7%	ICU Level of Service E
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	914	0	0	1024
Future Volume (vph)	0	0	914	0	0	1024
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.91	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	0	0	5085	0	0	1611
Flt Permitted						
Satd. Flow (perm)	0	0	5085	0	0	1611
Link Speed (mph)		60	60		50	
Link Distance (ft)		1044	489		455	
Travel Time (s)		11.9	5.6		6.2	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.93
Adj. Flow (vph)	0	0	1016	0	0	1101
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1016	0	0	1101
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	Right	Left	R NA
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	50
Sign Control		Free	Free		Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 87.7%	ICU Level of Service E
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	417	625	0	0	0	0
Future Volume (vph)	417	625	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	0.91	1.00	1.00	1.00	1.00
Frt	0.938	0.850				
Flt Protected						
Satd. Flow (prot)	3206	1470	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	3206	1470	0	0	0	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	402			397	325	
Travel Time (s)	9.1			9.0	7.4	
Peak Hour Factor	0.93	0.94	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	0%	2%	2%	2%	2%
Adj. Flow (vph)	448	665	0	0	0	0
Shared Lane Traffic (%)		48%				
Lane Group Flow (vph)	767	346	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			16	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		25	15		15	9
Sign Control	Free			Free	Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 29.1%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	280	0	0	0	0	375
Future Volume (vph)	280	0	0	0	0	375
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.95	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	3610	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	3610	0	0	0	0	1611
Link Speed (mph)	30			30	30	
Link Distance (ft)	360			336	419	
Travel Time (s)	8.2			7.6	9.5	
Peak Hour Factor	0.70	0.90	0.90	0.90	0.90	0.74
Heavy Vehicles (%)	0%	2%	2%	2%	2%	2%
Adj. Flow (vph)	400	0	0	0	0	507
Shared Lane Traffic (%)						
Lane Group Flow (vph)	400	0	0	0	0	507
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	35
Sign Control	Free			Stop	Yield	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 37.6%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	384	235	0	0	0	0
Future Volume (vph)	384	235	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	100	0		0	0	
Storage Lanes	1	1		0	0	
Taper Length (ft)	100				100	
Lane Util. Factor	0.97	0.91	1.00	1.00	1.00	1.00
Frt	0.977	0.850				
Flt Protected	0.959					
Satd. Flow (prot)	3386	1441	0	0	0	0
Flt Permitted	0.959					
Satd. Flow (perm)	3386	1441	0	0	0	0
Link Speed (mph)	30		30			30
Link Distance (ft)	211		393			230
Travel Time (s)	4.8		8.9			5.2
Peak Hour Factor	0.85	0.73	0.90	0.90	0.90	0.90
Adj. Flow (vph)	452	322	0	0	0	0
Shared Lane Traffic (%)		25%				
Lane Group Flow (vph)	533	241	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	24		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	25	25		9	15	
Sign Control	Free		Free			Free

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 16.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	621	0	0	0	0	403
Future Volume (vph)	621	0	0	0	0	403
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.97	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected	0.950					
Satd. Flow (prot)	3467	0	0	0	0	1863
Flt Permitted	0.950					
Satd. Flow (perm)	3467	0	0	0	0	1863
Link Speed (mph)	30		30			30
Link Distance (ft)	288		840			370
Travel Time (s)	6.5		19.1			8.4
Peak Hour Factor	0.87	0.80	0.90	0.90	0.90	0.77
Heavy Vehicles (%)	1%	2%	2%	2%	2%	2%
Adj. Flow (vph)	714	0	0	0	0	523
Shared Lane Traffic (%)						
Lane Group Flow (vph)	714	0	0	0	0	523
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	Right	Left	R NA
Median Width(ft)	24		0			0
Link Offset(ft)	0		18			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	35	9		9	15	
Sign Control	Free		Free			Yield

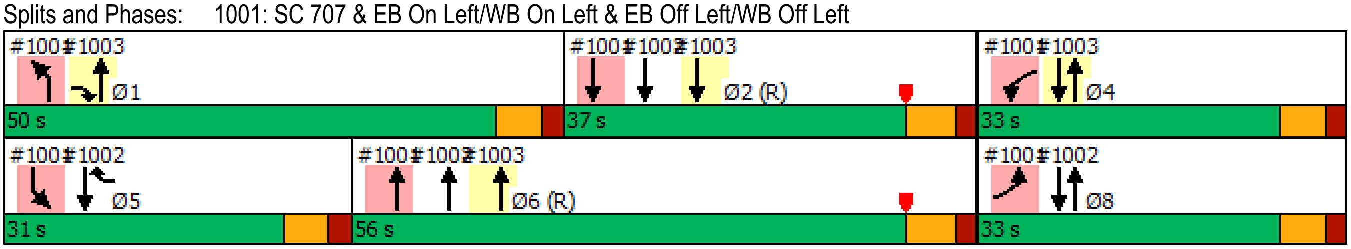
Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 45.6%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	417	384	621	422	280	412
Future Volume (vph)	417	384	621	422	280	412
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	155	0	160		0	
Storage Lanes	0	2	1		2	
Taper Length (ft)	100	100	100		100	
Lane Util. Factor	0.97	0.97	0.97	0.95	0.97	0.95
Frt						
Flt Protected	0.950	0.950	0.950		0.950	
Satd. Flow (prot)	3433	3433	3467	3610	3433	3574
Flt Permitted	0.950	0.950	0.950		0.950	
Satd. Flow (perm)	3433	3433	3467	3610	3433	3574
Right Turn on Red						
Satd. Flow (RTOR)						
Link Speed (mph)				45		45
Link Distance (ft)				325		309
Travel Time (s)				4.9		4.7
Peak Hour Factor	0.93	0.90	0.87	0.92	0.90	0.84
Heavy Vehicles (%)	2%	2%	1%	0%	2%	1%
Adj. Flow (vph)	448	427	714	459	311	490
Shared Lane Traffic (%)						
Lane Group Flow (vph)	448	427	714	459	311	490
Enter Blocked Intersection	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Left	Left	Left	Left
Median Width(ft)				24		48
Link Offset(ft)				0		0
Crosswalk Width(ft)				10		10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	15	15		15	
Number of Detectors	1	1	1	1	1	1
Detector Template	Left	Left	Left		Left	
Leading Detector (ft)	30	30	30	306	30	306
Trailing Detector (ft)	0	0	0	300	0	300
Detector 1 Position(ft)	0	0	0	300	0	300
Detector 1 Size(ft)	30	30	30	6	30	6
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Turn Type	Prot	Prot	Prot	NA	Prot	NA
Protected Phases	8	4	1	6	5	2
Permitted Phases						
Detector Phase	8	4	1	6	5	2
Switch Phase						
Minimum Initial (s)	6.0	6.0	6.0	10.0	6.0	10.0
Minimum Split (s)	12.0	12.0	12.0	16.5	12.0	16.5

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Total Split (s)	33.0	33.0	50.0	56.0	31.0	37.0
Total Split (%)	27.5%	27.5%	41.7%	46.7%	25.8%	30.8%
Maximum Green (s)	27.0	27.0	44.0	49.5	25.0	30.5
Yellow Time (s)	4.0	4.0	4.0	4.5	4.0	4.5
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.5	6.0	6.5
Lead/Lag			Lead	Lag	Lead	Lag
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	27.0	27.0	40.8	55.1	19.4	33.7
Actuated g/C Ratio	0.22	0.22	0.34	0.46	0.16	0.28
v/c Ratio	0.58	0.55	0.61	0.28	0.56	0.49
Control Delay	45.0	44.3	34.9	21.4	45.1	34.4
Queue Delay	0.0	0.0	3.0	0.6	0.0	0.7
Total Delay	45.0	44.3	37.8	21.9	45.1	35.1
LOS	D	D	D	C	D	D
Approach Delay				31.6		39.0
Approach LOS				C		D

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.72	
Intersection Signal Delay: 37.7	Intersection LOS: D
Intersection Capacity Utilization 56.4%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 1001: SC 707 & EB On Left/WB On Left & EB Off Left/WB Off Left



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	235	0	839	0	0	692	403
Future Volume (vph)	0	0	0	0	0	235	0	839	0	0	692	403
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	0.88	1.00	0.95	1.00	1.00	0.95	1.00
Frt						0.850						0.850
Flt Protected												
Satd. Flow (prot)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Flt Permitted												
Satd. Flow (perm)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Right Turn on Red			Yes			No			Yes			Yes
Satd. Flow (RTOR)												341
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		370			230			309			499	
Travel Time (s)		8.4			5.2			4.7			7.6	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.73	0.90	0.90	0.90	0.90	0.72	0.77
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	0%	2%
Adj. Flow (vph)	0	0	0	0	0	322	0	932	0	0	961	523
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	0	0	0	322	0	932	0	0	961	523
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane											Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors						1		2			0	0
Detector Template						Right		Thru				
Leading Detector (ft)						30		100			0	0
Trailing Detector (ft)						0		0			0	0
Detector 1 Position(ft)						0		0			0	0
Detector 1 Size(ft)						30		6			30	30
Detector 1 Type						Cl+Ex		Cl+Ex			Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)						0.0		0.0			0.0	0.0
Detector 1 Queue (s)						0.0		0.0			0.0	0.0
Detector 1 Delay (s)						0.0		0.0			0.0	0.0
Detector 2 Position(ft)								94				
Detector 2 Size(ft)								6				
Detector 2 Type								Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)								0.0				
Turn Type						Prot		NA			NA	Free
Protected Phases						5		6 8			2 5 8	
Permitted Phases												Free
Detector Phase						5		6 8				
Switch Phase												

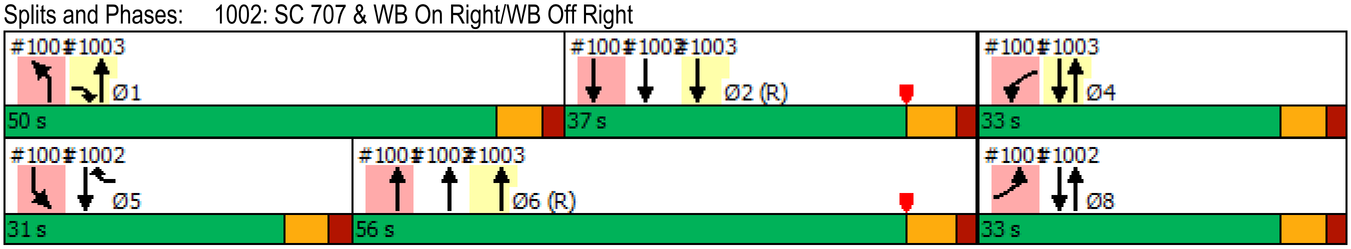
Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	1	2	4	6	8
Permitted Phases					
Detector Phase					
Switch Phase					

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Minimum Initial (s)						6.0						
Minimum Split (s)						12.0						
Total Split (s)						31.0						
Total Split (%)						25.8%						
Maximum Green (s)						25.0						
Yellow Time (s)						4.0						
All-Red Time (s)						2.0						
Lost Time Adjust (s)						0.0						
Total Lost Time (s)						6.0						
Lead/Lag						Lead						
Lead-Lag Optimize?												
Vehicle Extension (s)						3.0						
Recall Mode						None						
Act Effct Green (s)						19.4		88.1			92.0	120.0
Actuated g/C Ratio						0.16		0.73			0.77	1.00
v/c Ratio						0.72		0.36			0.35	0.33
Control Delay						56.6		1.2			4.8	0.6
Queue Delay						0.0		0.2			0.0	0.0
Total Delay						56.6		1.4			4.8	0.6
LOS						E		A			A	A
Approach Delay					56.6			1.4			3.3	
Approach LOS					E			A			A	

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.72
Intersection Signal Delay: 8.9 Intersection LOS: A
Intersection Capacity Utilization 41.8% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 1002: SC 707 & WB On Right/WB Off Right



Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Minimum Initial (s)	6.0	10.0	6.0	10.0	6.0
Minimum Split (s)	12.0	16.5	12.0	16.5	12.0
Total Split (s)	50.0	37.0	33.0	56.0	33.0
Total Split (%)	42%	31%	28%	47%	28%
Maximum Green (s)	44.0	30.5	27.0	49.5	27.0
Yellow Time (s)	4.0	4.5	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lead	Lag		Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Max	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

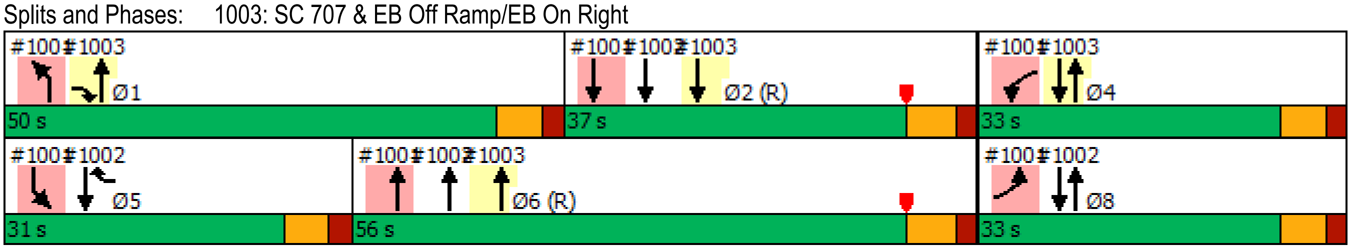
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	625	0	0	0	0	1043	375	0	796	0
Future Volume (vph)	0	0	625	0	0	0	0	1043	375	0	796	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	0		250	0		0
Storage Lanes	0		2	0		0	0		1	0		0
Taper Length (ft)	100			100			100			100		
Lane Util. Factor	1.00	1.00	0.88	1.00	1.00	1.00	1.00	0.95	1.00	1.00	0.95	1.00
Frt			0.850						0.850			
Flt Protected												
Satd. Flow (prot)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Flt Permitted												
Satd. Flow (perm)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Right Turn on Red			No			Yes			Yes			Yes
Satd. Flow (RTOR)									286			
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		325			419			455			325	
Travel Time (s)		7.4			9.5			6.9			4.9	
Peak Hour Factor	0.90	0.90	0.94	0.90	0.90	0.90	0.90	0.94	0.74	0.90	0.84	0.90
Heavy Vehicles (%)	2%	2%	0%	2%	2%	2%	2%	1%	2%	2%	1%	2%
Adj. Flow (vph)	0	0	665	0	0	0	0	1110	507	0	948	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	665	0	0	0	0	1110	507	0	948	0
Enter Blocked Intersection	No	No	No	No	No	No	No	Yes	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			36			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors			1					0	1		2	
Detector Template			Right						Right		Thru	
Leading Detector (ft)			30					0	20		100	
Trailing Detector (ft)			0					0	0		0	
Detector 1 Position(ft)			0					0	0		0	
Detector 1 Size(ft)			30					30	20		6	
Detector 1 Type			Cl+Ex					Cl+Ex	Cl+Ex		Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)			0.0					0.0	0.0		0.0	
Detector 1 Queue (s)			0.0					0.0	0.0		0.0	
Detector 1 Delay (s)			0.0					0.0	0.0		0.0	
Detector 2 Position(ft)											94	
Detector 2 Size(ft)											6	
Detector 2 Type											Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)											0.0	
Turn Type			Prot					NA	Free		NA	
Protected Phases			1					1 6 4			2 4	

Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Storage Length (ft)					
Storage Lanes					
Taper Length (ft)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	2	4	5	6	8

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases									Free			
Detector Phase			1					1 6 4			2 4	
Switch Phase												
Minimum Initial (s)			6.0									
Minimum Split (s)			12.0									
Total Split (s)			50.0									
Total Split (%)			41.7%									
Maximum Green (s)			44.0									
Yellow Time (s)			4.0									
All-Red Time (s)			2.0									
Lost Time Adjust (s)			0.0									
Total Lost Time (s)			6.0									
Lead/Lag			Lead									
Lead-Lag Optimize?												
Vehicle Extension (s)			3.0									
Recall Mode			None									
Act Effct Green (s)			40.8					120.0	120.0		66.7	
Actuated g/C Ratio			0.34					1.00	1.00		0.56	
v/c Ratio			0.69					0.31	0.32		0.48	
Control Delay			37.9					0.2	0.5		2.3	
Queue Delay			0.0					0.0	0.0		0.1	
Total Delay			37.9					0.2	0.5		2.4	
LOS			D					A	A		A	
Approach Delay		37.9						0.3			2.4	
Approach LOS		D						A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.72	
Intersection Signal Delay: 8.7	Intersection LOS: A
Intersection Capacity Utilization 54.3%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1003: SC 707 & EB Off Ramp/EB On Right



Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Permitted Phases					
Detector Phase					
Switch Phase					
Minimum Initial (s)	10.0	6.0	6.0	10.0	6.0
Minimum Split (s)	16.5	12.0	12.0	16.5	12.0
Total Split (s)	37.0	33.0	31.0	56.0	33.0
Total Split (%)	31%	28%	26%	47%	28%
Maximum Green (s)	30.5	27.0	25.0	49.5	27.0
Yellow Time (s)	4.5	4.0	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lag		Lead	Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	C-Max	None	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑	↱				
Traffic Volume (vph)	449	467	0	0	0	0
Future Volume (vph)	449	467	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		600	0		0	0
Storage Lanes		1	0		0	0
Taper Length (ft)			100		100	
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected						
Satd. Flow (prot)	5085	1583	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	5085	1583	0	0	0	0
Link Speed (mph)	60			60	30	
Link Distance (ft)	3972			2218	837	
Travel Time (s)	45.1			25.2	19.0	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	499	519	0	0	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	499	519	0	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	R NA	Left	Left	Left	Right
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	0			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		55	15		15	55
Sign Control	Free			Stop	Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 40.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑					↱
Traffic Volume (vph)	449	0	0	0	0	409
Future Volume (vph)	449	0	0	0	0	409
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	5085	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	5085	0	0	0	0	1611
Link Speed (mph)	50			60	55	
Link Distance (ft)	236			1936	250	
Travel Time (s)	3.2			22.0	3.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	499	0	0	0	0	454
Shared Lane Traffic (%)						
Lane Group Flow (vph)	499	0	0	0	0	454
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Stop	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 40.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (vph)	0	0	0	838	0	858
Future Volume (vph)	0	0	0	838	0	858
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.91	1.00	0.76
Frt						0.850
Flt Protected						
Satd. Flow (prot)	0	0	0	5085	0	3610
Flt Permitted						
Satd. Flow (perm)	0	0	0	5085	0	3610
Link Speed (mph)	60			50	50	
Link Distance (ft)	1230			1227	278	
Travel Time (s)	14.0			16.7	3.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	0	931	0	953
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	931	0	953
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			12	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane				Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Free	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 23.3%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	480	359	0	0
Future Volume (vph)	0	0	480	359	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.86	0.86	1.00	1.00
Frt			0.961	0.850		
Flt Protected						
Satd. Flow (prot)	0	0	4618	1362	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	4618	1362	0	0
Link Speed (mph)		60	50		30	
Link Distance (ft)		1920	974		384	
Travel Time (s)		21.8	13.3		8.7	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	533	399	0	0
Shared Lane Traffic (%)				47%		
Lane Group Flow (vph)	0	0	721	211	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	R NA	Left	Right
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			50	15	9
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 44.0%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	480	0	0	453
Future Volume (vph)	0	0	480	0	0	453
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.91	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	0	0	5085	0	0	1611
Flt Permitted						
Satd. Flow (perm)	0	0	5085	0	0	1611
Link Speed (mph)		60	60		50	
Link Distance (ft)		1044	489		455	
Travel Time (s)		11.9	5.6		6.2	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.93
Adj. Flow (vph)	0	0	533	0	0	487
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	533	0	0	487
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	Right	Left	R NA
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	50
Sign Control		Free	Free		Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 44.0%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	212	255	0	0	0	0
Future Volume (vph)	212	255	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	0.91	1.00	1.00	1.00	1.00
Frt	0.949	0.850				
Flt Protected						
Satd. Flow (prot)	3239	1470	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	3239	1470	0	0	0	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	402			397	325	
Travel Time (s)	9.1			9.0	7.4	
Peak Hour Factor	0.93	0.94	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	0%	2%	2%	2%	2%
Adj. Flow (vph)	228	271	0	0	0	0
Shared Lane Traffic (%)		43%				
Lane Group Flow (vph)	345	154	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			16	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		25	15		15	9
Sign Control	Free			Free	Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 13.9%	ICU Level of Service A
Analysis Period (min) 15	

Lanes, Volumes, Timings
53: EB On Right & EB On Left/EB On-Ramp

11/22/2022

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	168	0	0	0	0	241
Future Volume (vph)	168	0	0	0	0	241
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.95	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	3610	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	3610	0	0	0	0	1611
Link Speed (mph)	30			30	30	
Link Distance (ft)	360			336	419	
Travel Time (s)	8.2			7.6	9.5	
Peak Hour Factor	0.70	0.90	0.90	0.90	0.90	0.74
Heavy Vehicles (%)	0%	2%	2%	2%	2%	2%
Adj. Flow (vph)	240	0	0	0	0	326
Shared Lane Traffic (%)						
Lane Group Flow (vph)	240	0	0	0	0	326
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	35
Sign Control	Free			Stop	Yield	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 26.2%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	240	119	0	0	0	0
Future Volume (vph)	240	119	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	100	0		0	0	
Storage Lanes	1	1		0	0	
Taper Length (ft)	100				100	
Lane Util. Factor	0.97	0.91	1.00	1.00	1.00	1.00
Frt	0.988	0.850				
Flt Protected	0.956					
Satd. Flow (prot)	3413	1441	0	0	0	0
Flt Permitted	0.956					
Satd. Flow (perm)	3413	1441	0	0	0	0
Link Speed (mph)	30		30			30
Link Distance (ft)	211		393			230
Travel Time (s)	4.8		8.9			5.2
Peak Hour Factor	0.85	0.73	0.90	0.90	0.90	0.90
Adj. Flow (vph)	282	163	0	0	0	0
Shared Lane Traffic (%)		15%				
Lane Group Flow (vph)	306	139	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	24		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	25	25		9	15	
Sign Control	Free		Free			Free

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 11.4%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	241	0	0	0	0	212
Future Volume (vph)	241	0	0	0	0	212
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.97	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected	0.950					
Satd. Flow (prot)	3467	0	0	0	0	1863
Flt Permitted	0.950					
Satd. Flow (perm)	3467	0	0	0	0	1863
Link Speed (mph)	30		30			30
Link Distance (ft)	288		840			370
Travel Time (s)	6.5		19.1			8.4
Peak Hour Factor	0.87	0.80	0.90	0.90	0.90	0.77
Heavy Vehicles (%)	1%	2%	2%	2%	2%	2%
Adj. Flow (vph)	277	0	0	0	0	275
Shared Lane Traffic (%)						
Lane Group Flow (vph)	277	0	0	0	0	275
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	Right	Left	R NA
Median Width(ft)	24		0			0
Link Offset(ft)	0		18			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	35	9		9	15	
Sign Control	Free		Free			Yield

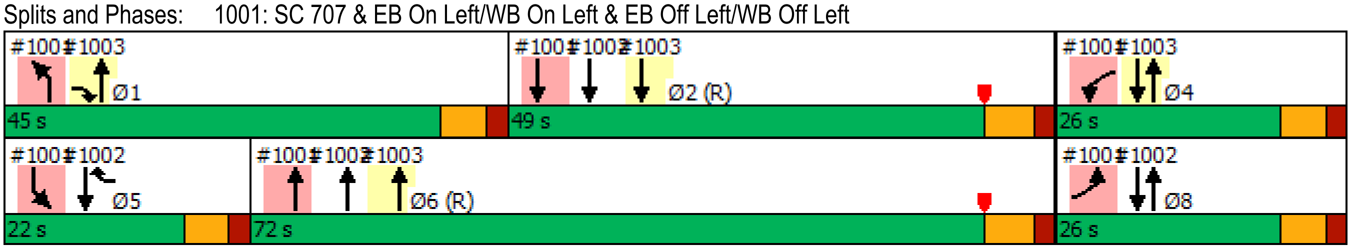
Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 24.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	212	240	241	588	168	548
Future Volume (vph)	212	240	241	588	168	548
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	155	0	160		0	
Storage Lanes	0	2	1		2	
Taper Length (ft)	100	100	100		100	
Lane Util. Factor	0.97	0.97	0.97	0.95	0.97	0.95
Frt						
Flt Protected	0.950	0.950	0.950		0.950	
Satd. Flow (prot)	3433	3433	3467	3610	3433	3574
Flt Permitted	0.950	0.950	0.950		0.950	
Satd. Flow (perm)	3433	3433	3467	3610	3433	3574
Right Turn on Red						
Satd. Flow (RTOR)						
Link Speed (mph)				45		45
Link Distance (ft)				325		309
Travel Time (s)				4.9		4.7
Peak Hour Factor	0.93	0.90	0.87	0.92	0.90	0.84
Heavy Vehicles (%)	2%	2%	1%	0%	2%	1%
Adj. Flow (vph)	228	267	277	639	187	652
Shared Lane Traffic (%)						
Lane Group Flow (vph)	228	267	277	639	187	652
Enter Blocked Intersection	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Left	Left	Left	Left
Median Width(ft)				24		48
Link Offset(ft)				0		0
Crosswalk Width(ft)				10		10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	15	15		15	
Number of Detectors	1	1	1	1	1	1
Detector Template	Left	Left	Left		Left	
Leading Detector (ft)	30	30	30	306	30	306
Trailing Detector (ft)	0	0	0	300	0	300
Detector 1 Position(ft)	0	0	0	300	0	300
Detector 1 Size(ft)	30	30	30	6	30	6
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Turn Type	Prot	Prot	Prot	NA	Prot	NA
Protected Phases	8	4	1	6	5	2
Permitted Phases						
Detector Phase	8	4	1	6	5	2
Switch Phase						
Minimum Initial (s)	6.0	6.0	6.0	10.0	6.0	10.0
Minimum Split (s)	12.0	12.0	12.0	16.5	12.0	16.5

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Total Split (s)	26.0	26.0	45.0	72.0	22.0	49.0
Total Split (%)	21.7%	21.7%	37.5%	60.0%	18.3%	40.8%
Maximum Green (s)	20.0	20.0	39.0	65.5	16.0	42.5
Yellow Time (s)	4.0	4.0	4.0	4.5	4.0	4.5
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.5	6.0	6.5
Lead/Lag			Lead	Lag	Lead	Lag
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	19.7	19.7	31.0	69.5	12.3	50.9
Actuated g/C Ratio	0.16	0.16	0.26	0.58	0.10	0.42
v/c Ratio	0.41	0.48	0.31	0.31	0.53	0.43
Control Delay	47.3	48.6	35.7	13.8	52.0	22.7
Queue Delay	0.0	0.0	0.0	0.5	0.0	0.6
Total Delay	47.3	48.6	35.7	14.3	52.0	23.3
LOS	D	D	D	B	D	C
Approach Delay				20.8		29.7
Approach LOS				C		C

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 50	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.68	
Intersection Signal Delay: 30.1	Intersection LOS: C
Intersection Capacity Utilization 44.3%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1001: SC 707 & EB On Left/WB On Left & EB Off Left/WB Off Left



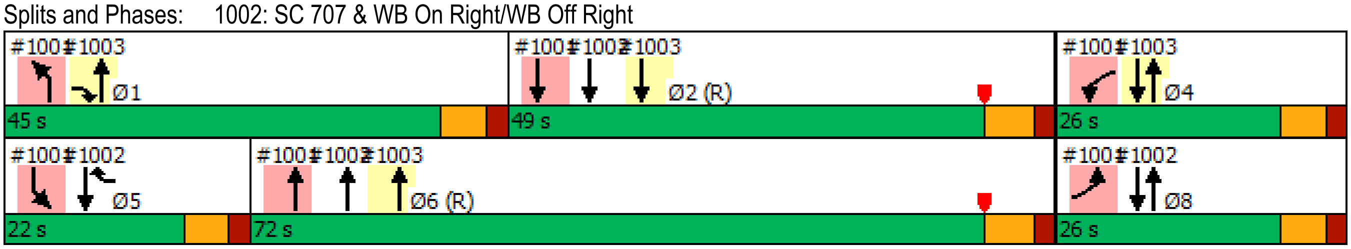
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	119	0	800	0	0	716	212
Future Volume (vph)	0	0	0	0	0	119	0	800	0	0	716	212
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	0.88	1.00	0.95	1.00	1.00	0.95	1.00
Frt						0.850						0.850
Flt Protected												
Satd. Flow (prot)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Flt Permitted												
Satd. Flow (perm)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Right Turn on Red			Yes			No			Yes			Yes
Satd. Flow (RTOR)												195
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		370			230			309			499	
Travel Time (s)		8.4			5.2			4.7			7.6	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.73	0.90	0.90	0.90	0.90	0.72	0.77
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	0%	2%
Adj. Flow (vph)	0	0	0	0	0	163	0	889	0	0	994	275
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	0	0	0	163	0	889	0	0	994	275
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane											Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors						1		2			0	0
Detector Template						Right		Thru				
Leading Detector (ft)						30		100			0	0
Trailing Detector (ft)						0		0			0	0
Detector 1 Position(ft)						0		0			0	0
Detector 1 Size(ft)						30		6			30	30
Detector 1 Type						Cl+Ex		Cl+Ex			Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)						0.0		0.0			0.0	0.0
Detector 1 Queue (s)						0.0		0.0			0.0	0.0
Detector 1 Delay (s)						0.0		0.0			0.0	0.0
Detector 2 Position(ft)								94				
Detector 2 Size(ft)								6				
Detector 2 Type								Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)								0.0				
Turn Type						Prot		NA			NA	Free
Protected Phases						5		6 8			2 5 8	
Permitted Phases												Free
Detector Phase						5		6 8				
Switch Phase												

Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	1	2	4	6	8
Permitted Phases					
Detector Phase					
Switch Phase					

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Minimum Initial (s)						6.0						
Minimum Split (s)						12.0						
Total Split (s)						22.0						
Total Split (%)						18.3%						
Maximum Green (s)						16.0						
Yellow Time (s)						4.0						
All-Red Time (s)						2.0						
Lost Time Adjust (s)						0.0						
Total Lost Time (s)						6.0						
Lead/Lag						Lead						
Lead-Lag Optimize?												
Vehicle Extension (s)						3.0						
Recall Mode						None						
Act Effct Green (s)						12.3		95.2			94.8	120.0
Actuated g/C Ratio						0.10		0.79			0.79	1.00
v/c Ratio						0.57		0.31			0.35	0.17
Control Delay						58.9		0.7			4.3	0.2
Queue Delay						0.0		0.2			0.0	0.0
Total Delay						58.9		0.8			4.3	0.2
LOS						E		A			A	A
Approach Delay					58.9			0.8			3.4	
Approach LOS					E			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 50	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.68	
Intersection Signal Delay: 6.3	Intersection LOS: A
Intersection Capacity Utilization 37.5%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1002: SC 707 & WB On Right/WB Off Right



Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Minimum Initial (s)	6.0	10.0	6.0	10.0	6.0
Minimum Split (s)	12.0	16.5	12.0	16.5	12.0
Total Split (s)	45.0	49.0	26.0	72.0	26.0
Total Split (%)	38%	41%	22%	60%	22%
Maximum Green (s)	39.0	42.5	20.0	65.5	20.0
Yellow Time (s)	4.0	4.5	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lead	Lag		Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Max	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

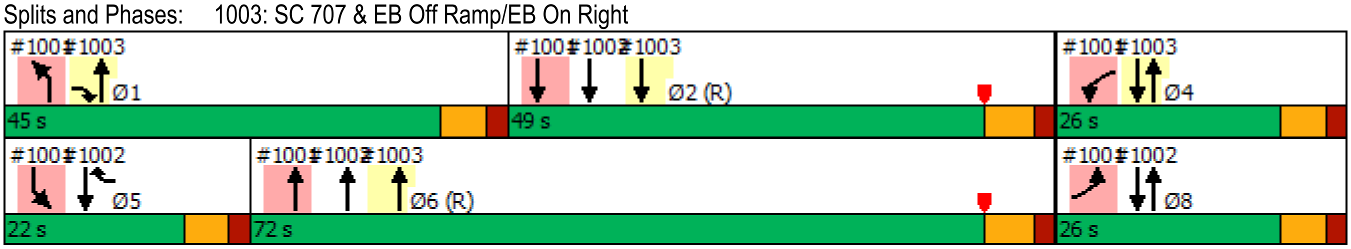
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	467	0	0	0	0	829	241	0	788	0
Future Volume (vph)	0	0	467	0	0	0	0	829	241	0	788	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	0		250	0		0
Storage Lanes	0		2	0		0	0		1	0		0
Taper Length (ft)	100			100			100			100		
Lane Util. Factor	1.00	1.00	0.88	1.00	1.00	1.00	1.00	0.95	1.00	1.00	0.95	1.00
Frt			0.850						0.850			
Flt Protected												
Satd. Flow (prot)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Flt Permitted												
Satd. Flow (perm)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Right Turn on Red			No			Yes			Yes			Yes
Satd. Flow (RTOR)									232			
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		325			419			455			325	
Travel Time (s)		7.4			9.5			6.9			4.9	
Peak Hour Factor	0.90	0.90	0.94	0.90	0.90	0.90	0.90	0.94	0.74	0.90	0.84	0.90
Heavy Vehicles (%)	2%	2%	0%	2%	2%	2%	2%	1%	2%	2%	1%	2%
Adj. Flow (vph)	0	0	497	0	0	0	0	882	326	0	938	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	497	0	0	0	0	882	326	0	938	0
Enter Blocked Intersection	No	No	No	No	No	No	No	Yes	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			36			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors			1					0	1		2	
Detector Template			Right						Right		Thru	
Leading Detector (ft)			30					0	20		100	
Trailing Detector (ft)			0					0	0		0	
Detector 1 Position(ft)			0					0	0		0	
Detector 1 Size(ft)			30					30	20		6	
Detector 1 Type			Cl+Ex					Cl+Ex	Cl+Ex		Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)			0.0					0.0	0.0		0.0	
Detector 1 Queue (s)			0.0					0.0	0.0		0.0	
Detector 1 Delay (s)			0.0					0.0	0.0		0.0	
Detector 2 Position(ft)											94	
Detector 2 Size(ft)											6	
Detector 2 Type											Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)											0.0	
Turn Type			Prot					NA	Free		NA	
Protected Phases			1					1 6 4			2 4	

Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Storage Length (ft)					
Storage Lanes					
Taper Length (ft)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	2	4	5	6	8

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases									Free			
Detector Phase			1					1 6 4			2 4	
Switch Phase												
Minimum Initial (s)			6.0									
Minimum Split (s)			12.0									
Total Split (s)			45.0									
Total Split (%)			37.5%									
Maximum Green (s)			39.0									
Yellow Time (s)			4.0									
All-Red Time (s)			2.0									
Lost Time Adjust (s)			0.0									
Total Lost Time (s)			6.0									
Lead/Lag			Lead									
Lead-Lag Optimize?												
Vehicle Extension (s)			3.0									
Recall Mode			None									
Act Effct Green (s)			31.0					120.0	120.0		76.5	
Actuated g/C Ratio			0.26					1.00	1.00		0.64	
v/c Ratio			0.68					0.25	0.21		0.41	
Control Delay			44.3					0.2	0.3		1.3	
Queue Delay			0.0					0.0	0.0		0.1	
Total Delay			44.3					0.2	0.3		1.4	
LOS			D					A	A		A	
Approach Delay		44.3						0.2			1.4	
Approach LOS		D						A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 50	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.68	
Intersection Signal Delay: 8.9	Intersection LOS: A
Intersection Capacity Utilization 48.5%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1003: SC 707 & EB Off Ramp/EB On Right



Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Permitted Phases					
Detector Phase					
Switch Phase					
Minimum Initial (s)	10.0	6.0	6.0	10.0	6.0
Minimum Split (s)	16.5	12.0	12.0	16.5	12.0
Total Split (s)	49.0	26.0	22.0	72.0	26.0
Total Split (%)	41%	22%	18%	60%	22%
Maximum Green (s)	42.5	20.0	16.0	65.5	20.0
Yellow Time (s)	4.5	4.0	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lag		Lead	Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	C-Max	None	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑	↱				
Traffic Volume (vph)	901	1059	0	0	0	0
Future Volume (vph)	901	1059	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		600	0		0	0
Storage Lanes		1	0		0	0
Taper Length (ft)			100		100	
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected						
Satd. Flow (prot)	5085	1583	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	5085	1583	0	0	0	0
Link Speed (mph)	60			60	30	
Link Distance (ft)	3972			2218	837	
Travel Time (s)	45.1			25.2	19.0	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	1001	1177	0	0	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1001	1177	0	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	R NA	Left	Left	Left	Right
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	0			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		55	15		15	55
Sign Control	Free			Stop	Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 68.9%	ICU Level of Service C
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑					↱
Traffic Volume (vph)	901	0	0	0	0	667
Future Volume (vph)	901	0	0	0	0	667
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	5085	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	5085	0	0	0	0	1611
Link Speed (mph)	50			60	55	
Link Distance (ft)	236			1936	250	
Travel Time (s)	3.2			22.0	3.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	1001	0	0	0	0	741
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1001	0	0	0	0	741
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Stop	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 68.9%	ICU Level of Service C
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations				↑↑↑		↗↗↗
Traffic Volume (vph)	0	0	0	1525	0	1568
Future Volume (vph)	0	0	0	1525	0	1568
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.91	1.00	0.76
Frt						0.850
Flt Protected						
Satd. Flow (prot)	0	0	0	5085	0	3610
Flt Permitted						
Satd. Flow (perm)	0	0	0	5085	0	3610
Link Speed (mph)	60			50	50	
Link Distance (ft)	1230			1227	278	
Travel Time (s)	14.0			16.7	3.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	0	1694	0	1742
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	1694	0	1742
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			12	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane				Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Free	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 39.9%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	884	641	0	0
Future Volume (vph)	0	0	884	641	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.86	0.86	1.00	1.00
Frt			0.962	0.850		
Flt Protected						
Satd. Flow (prot)	0	0	4623	1362	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	4623	1362	0	0
Link Speed (mph)		60	50		30	
Link Distance (ft)		1920	974		384	
Travel Time (s)		21.8	13.3		8.7	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	982	712	0	0
Shared Lane Traffic (%)				46%		
Lane Group Flow (vph)	0	0	1310	384	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	R NA	Left	Right
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			50	15	9
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 88.9%	ICU Level of Service E
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	884	0	0	1053
Future Volume (vph)	0	0	884	0	0	1053
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.91	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	0	0	5085	0	0	1611
Flt Permitted						
Satd. Flow (perm)	0	0	5085	0	0	1611
Link Speed (mph)		60	60		50	
Link Distance (ft)		1044	489		455	
Travel Time (s)		11.9	5.6		6.2	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.93
Adj. Flow (vph)	0	0	982	0	0	1132
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	982	0	0	1132
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	Right	Left	R NA
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	50
Sign Control		Free	Free		Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 88.9%	ICU Level of Service E
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	420	639	0	0	0	0
Future Volume (vph)	420	639	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	0.91	1.00	1.00	1.00	1.00
Frt	0.937	0.850				
Flt Protected						
Satd. Flow (prot)	3203	1470	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	3203	1470	0	0	0	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	402			397	325	
Travel Time (s)	9.1			9.0	7.4	
Peak Hour Factor	0.93	0.94	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	0%	2%	2%	2%	2%
Adj. Flow (vph)	452	680	0	0	0	0
Shared Lane Traffic (%)		48%				
Lane Group Flow (vph)	778	354	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			16	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		25	15		15	9
Sign Control	Free			Free	Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 29.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑					↱
Traffic Volume (vph)	289	0	0	0	0	378
Future Volume (vph)	289	0	0	0	0	378
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.95	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	3610	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	3610	0	0	0	0	1611
Link Speed (mph)	30			30	30	
Link Distance (ft)	360			336	419	
Travel Time (s)	8.2			7.6	9.5	
Peak Hour Factor	0.70	0.90	0.90	0.90	0.90	0.74
Heavy Vehicles (%)	0%	2%	2%	2%	2%	2%
Adj. Flow (vph)	413	0	0	0	0	511
Shared Lane Traffic (%)						
Lane Group Flow (vph)	413	0	0	0	0	511
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	35
Sign Control	Free			Stop	Yield	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 38.1%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	384	257	0	0	0	0
Future Volume (vph)	384	257	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	100	0		0	0	
Storage Lanes	1	1		0	0	
Taper Length (ft)	100				100	
Lane Util. Factor	0.97	0.91	1.00	1.00	1.00	1.00
Frt	0.973	0.850				
Flt Protected	0.961					
Satd. Flow (prot)	3379	1441	0	0	0	0
Flt Permitted	0.961					
Satd. Flow (perm)	3379	1441	0	0	0	0
Link Speed (mph)	30		30			30
Link Distance (ft)	211		393			230
Travel Time (s)	4.8		8.9			5.2
Peak Hour Factor	0.85	0.73	0.90	0.90	0.90	0.90
Adj. Flow (vph)	452	352	0	0	0	0
Shared Lane Traffic (%)		28%				
Lane Group Flow (vph)	551	253	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	24		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	25	25		9	15	
Sign Control	Free		Free			Free

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 17.0%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	642	0	0	0	0	411
Future Volume (vph)	642	0	0	0	0	411
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.97	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected	0.950					
Satd. Flow (prot)	3467	0	0	0	0	1863
Flt Permitted	0.950					
Satd. Flow (perm)	3467	0	0	0	0	1863
Link Speed (mph)	30		30			30
Link Distance (ft)	288		840			370
Travel Time (s)	6.5		19.1			8.4
Peak Hour Factor	0.87	0.80	0.90	0.90	0.90	0.77
Heavy Vehicles (%)	1%	2%	2%	2%	2%	2%
Adj. Flow (vph)	738	0	0	0	0	534
Shared Lane Traffic (%)						
Lane Group Flow (vph)	738	0	0	0	0	534
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	Right	Left	R NA
Median Width(ft)	24		0			0
Link Offset(ft)	0		18			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	35	9		9	15	
Sign Control	Free		Free			Yield

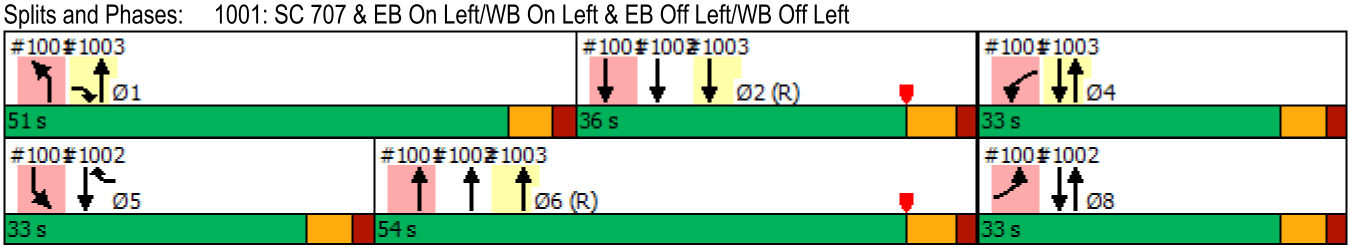
Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 46.6%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	420	384	642	393	289	391
Future Volume (vph)	420	384	642	393	289	391
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	155	0	160		0	
Storage Lanes	0	2	1		2	
Taper Length (ft)	100	100	100		100	
Lane Util. Factor	0.97	0.97	0.97	0.95	0.97	0.95
Frt						
Flt Protected	0.950	0.950	0.950		0.950	
Satd. Flow (prot)	3433	3433	3467	3610	3433	3574
Flt Permitted	0.950	0.950	0.950		0.950	
Satd. Flow (perm)	3433	3433	3467	3610	3433	3574
Right Turn on Red						
Satd. Flow (RTOR)						
Link Speed (mph)				45		45
Link Distance (ft)				325		309
Travel Time (s)				4.9		4.7
Peak Hour Factor	0.93	0.90	0.87	0.92	0.90	0.84
Heavy Vehicles (%)	2%	2%	1%	0%	2%	1%
Adj. Flow (vph)	452	427	738	427	321	465
Shared Lane Traffic (%)						
Lane Group Flow (vph)	452	427	738	427	321	465
Enter Blocked Intersection	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Left	Left	Left	Left
Median Width(ft)				24		48
Link Offset(ft)				0		0
Crosswalk Width(ft)				10		10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	15	15		15	
Number of Detectors	1	1	1	1	1	1
Detector Template	Left	Left	Left		Left	
Leading Detector (ft)	30	30	30	306	30	306
Trailing Detector (ft)	0	0	0	300	0	300
Detector 1 Position(ft)	0	0	0	300	0	300
Detector 1 Size(ft)	30	30	30	6	30	6
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Turn Type	Prot	Prot	Prot	NA	Prot	NA
Protected Phases	8	4	1	6	5	2
Permitted Phases						
Detector Phase	8	4	1	6	5	2
Switch Phase						
Minimum Initial (s)	6.0	6.0	6.0	10.0	6.0	10.0
Minimum Split (s)	12.0	12.0	12.0	16.5	12.0	16.5

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Total Split (s)	33.0	33.0	51.0	54.0	33.0	36.0
Total Split (%)	27.5%	27.5%	42.5%	45.0%	27.5%	30.0%
Maximum Green (s)	27.0	27.0	45.0	47.5	27.0	29.5
Yellow Time (s)	4.0	4.0	4.0	4.5	4.0	4.5
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.5	6.0	6.5
Lead/Lag			Lead	Lag	Lead	Lag
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	27.0	27.0	41.8	53.6	20.9	32.7
Actuated g/C Ratio	0.22	0.22	0.35	0.45	0.17	0.27
v/c Ratio	0.59	0.55	0.61	0.27	0.54	0.48
Control Delay	45.1	44.3	34.3	22.2	43.5	35.2
Queue Delay	0.0	0.0	3.1	0.5	0.0	0.6
Total Delay	45.1	44.3	37.4	22.7	43.5	35.8
LOS	D	D	D	C	D	D
Approach Delay				32.0		38.9
Approach LOS				C		D

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 55	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.73	
Intersection Signal Delay: 37.9	Intersection LOS: D
Intersection Capacity Utilization 56.5%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 1001: SC 707 & EB On Left/WB On Left & EB Off Left/WB Off Left



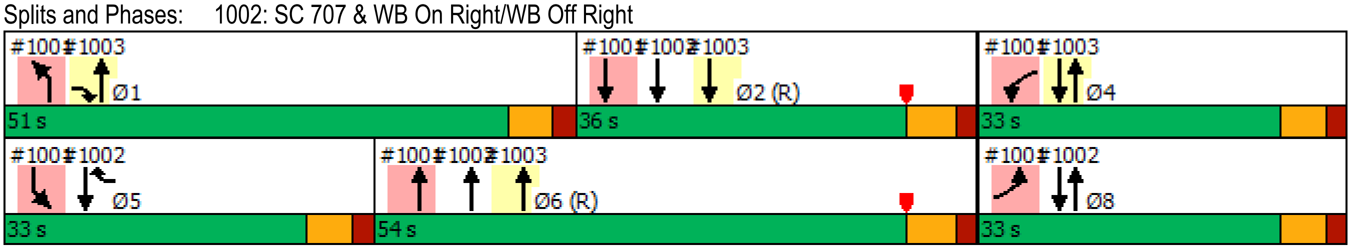
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	257	0	813	0	0	680	411
Future Volume (vph)	0	0	0	0	0	257	0	813	0	0	680	411
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	0.88	1.00	0.95	1.00	1.00	0.95	1.00
Frt						0.850						0.850
Flt Protected												
Satd. Flow (prot)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Flt Permitted												
Satd. Flow (perm)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Right Turn on Red			Yes			No			Yes			Yes
Satd. Flow (RTOR)												355
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		370			230			309			499	
Travel Time (s)		8.4			5.2			4.7			7.6	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.73	0.90	0.90	0.90	0.90	0.72	0.77
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	0%	2%
Adj. Flow (vph)	0	0	0	0	0	352	0	903	0	0	944	534
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	0	0	0	352	0	903	0	0	944	534
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane											Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors						1		2			0	0
Detector Template						Right		Thru				
Leading Detector (ft)						30		100			0	0
Trailing Detector (ft)						0		0			0	0
Detector 1 Position(ft)						0		0			0	0
Detector 1 Size(ft)						30		6			30	30
Detector 1 Type						Cl+Ex		Cl+Ex			Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)						0.0		0.0			0.0	0.0
Detector 1 Queue (s)						0.0		0.0			0.0	0.0
Detector 1 Delay (s)						0.0		0.0			0.0	0.0
Detector 2 Position(ft)								94				
Detector 2 Size(ft)								6				
Detector 2 Type								Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)								0.0				
Turn Type						Prot		NA			NA	Free
Protected Phases						5		6 8			2 5 8	
Permitted Phases												Free
Detector Phase						5		6 8				
Switch Phase												

Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	1	2	4	6	8
Permitted Phases					
Detector Phase					
Switch Phase					

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Minimum Initial (s)						6.0						
Minimum Split (s)						12.0						
Total Split (s)						33.0						
Total Split (%)						27.5%						
Maximum Green (s)						27.0						
Yellow Time (s)						4.0						
All-Red Time (s)						2.0						
Lost Time Adjust (s)						0.0						
Total Lost Time (s)						6.0						
Lead/Lag						Lead						
Lead-Lag Optimize?												
Vehicle Extension (s)						3.0						
Recall Mode						None						
Act Effct Green (s)						20.9		86.6			92.6	120.0
Actuated g/C Ratio						0.17		0.72			0.77	1.00
v/c Ratio						0.73		0.35			0.34	0.34
Control Delay						55.3		1.3			4.6	0.6
Queue Delay						0.0		0.2			0.0	0.0
Total Delay						55.3		1.4			4.6	0.6
LOS						E		A			A	A
Approach Delay					55.3			1.4			3.2	
Approach LOS					E			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 55	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.73	
Intersection Signal Delay: 9.3	Intersection LOS: A
Intersection Capacity Utilization 41.9%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1002: SC 707 & WB On Right/WB Off Right



Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Minimum Initial (s)	6.0	10.0	6.0	10.0	6.0
Minimum Split (s)	12.0	16.5	12.0	16.5	12.0
Total Split (s)	51.0	36.0	33.0	54.0	33.0
Total Split (%)	43%	30%	28%	45%	28%
Maximum Green (s)	45.0	29.5	27.0	47.5	27.0
Yellow Time (s)	4.0	4.5	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lead	Lag		Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Max	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

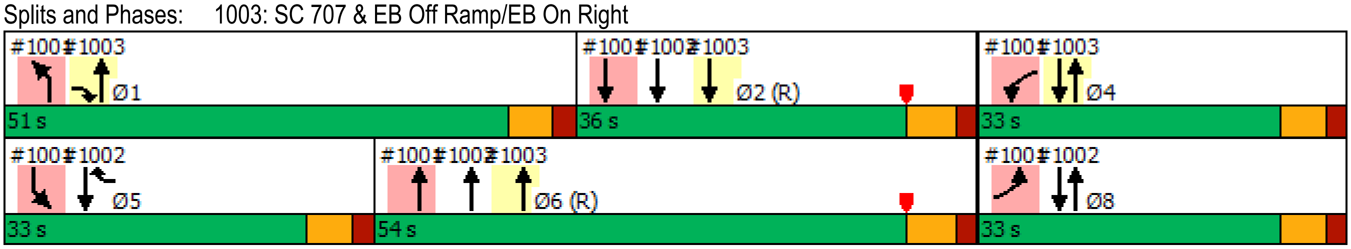
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	639	0	0	0	0	1035	378	0	775	0
Future Volume (vph)	0	0	639	0	0	0	0	1035	378	0	775	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	0		250	0		0
Storage Lanes	0		2	0		0	0		1	0		0
Taper Length (ft)	100			100			100			100		
Lane Util. Factor	1.00	1.00	0.88	1.00	1.00	1.00	1.00	0.95	1.00	1.00	0.95	1.00
Frt			0.850						0.850			
Flt Protected												
Satd. Flow (prot)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Flt Permitted												
Satd. Flow (perm)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Right Turn on Red			No			Yes			Yes			Yes
Satd. Flow (RTOR)									291			
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		325			419			455			325	
Travel Time (s)		7.4			9.5			6.9			4.9	
Peak Hour Factor	0.90	0.90	0.94	0.90	0.90	0.90	0.90	0.94	0.74	0.90	0.84	0.90
Heavy Vehicles (%)	2%	2%	0%	2%	2%	2%	2%	1%	2%	2%	1%	2%
Adj. Flow (vph)	0	0	680	0	0	0	0	1101	511	0	923	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	680	0	0	0	0	1101	511	0	923	0
Enter Blocked Intersection	No	No	No	No	No	No	No	Yes	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			36			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors			1					0	1		2	
Detector Template			Right						Right		Thru	
Leading Detector (ft)			30					0	20		100	
Trailing Detector (ft)			0					0	0		0	
Detector 1 Position(ft)			0					0	0		0	
Detector 1 Size(ft)			30					30	20		6	
Detector 1 Type			Cl+Ex					Cl+Ex	Cl+Ex		Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)			0.0					0.0	0.0		0.0	
Detector 1 Queue (s)			0.0					0.0	0.0		0.0	
Detector 1 Delay (s)			0.0					0.0	0.0		0.0	
Detector 2 Position(ft)											94	
Detector 2 Size(ft)											6	
Detector 2 Type											Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)											0.0	
Turn Type			Prot					NA	Free		NA	
Protected Phases			1					1 6 4			2 4	

Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Storage Length (ft)					
Storage Lanes					
Taper Length (ft)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	2	4	5	6	8

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases									Free			
Detector Phase			1					1 6 4			2 4	
Switch Phase												
Minimum Initial (s)			6.0									
Minimum Split (s)			12.0									
Total Split (s)			51.0									
Total Split (%)			42.5%									
Maximum Green (s)			45.0									
Yellow Time (s)			4.0									
All-Red Time (s)			2.0									
Lost Time Adjust (s)			0.0									
Total Lost Time (s)			6.0									
Lead/Lag			Lead									
Lead-Lag Optimize?												
Vehicle Extension (s)			3.0									
Recall Mode			None									
Act Effct Green (s)			41.8					120.0	120.0		65.7	
Actuated g/C Ratio			0.35					1.00	1.00		0.55	
v/c Ratio			0.69					0.31	0.32		0.47	
Control Delay			37.1					0.2	0.5		2.3	
Queue Delay			0.0					0.0	0.0		0.1	
Total Delay			37.1					0.2	0.5		2.5	
LOS			D					A	A		A	
Approach Delay		37.1						0.3			2.5	
Approach LOS		D						A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 55	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.73	
Intersection Signal Delay: 8.7	Intersection LOS: A
Intersection Capacity Utilization 54.2%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1003: SC 707 & EB Off Ramp/EB On Right



Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Permitted Phases					
Detector Phase					
Switch Phase					
Minimum Initial (s)	10.0	6.0	6.0	10.0	6.0
Minimum Split (s)	16.5	12.0	12.0	16.5	12.0
Total Split (s)	36.0	33.0	33.0	54.0	33.0
Total Split (%)	30%	28%	28%	45%	28%
Maximum Green (s)	29.5	27.0	27.0	47.5	27.0
Yellow Time (s)	4.5	4.0	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lag		Lead	Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	C-Max	None	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	416	443	0	0	0	0
Future Volume (vph)	416	443	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		600	0		0	0
Storage Lanes		1	0		0	0
Taper Length (ft)			100		100	
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected						
Satd. Flow (prot)	5085	1583	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	5085	1583	0	0	0	0
Link Speed (mph)	60			60	30	
Link Distance (ft)	3972			2218	837	
Travel Time (s)	45.1			25.2	19.0	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	462	492	0	0	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	462	492	0	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	R NA	Left	Left	Left	Right
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	0			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		55	15		15	55
Sign Control	Free			Stop	Stop	

Intersection Summary		
Area Type: Other		
Control Type: Unsignalized		
Intersection Capacity Utilization 40.6%		ICU Level of Service A
Analysis Period (min) 15		

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	416	0	0	0	0	419
Future Volume (vph)	416	0	0	0	0	419
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	5085	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	5085	0	0	0	0	1611
Link Speed (mph)	50			60	55	
Link Distance (ft)	236			1936	250	
Travel Time (s)	3.2			22.0	3.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	462	0	0	0	0	466
Shared Lane Traffic (%)						
Lane Group Flow (vph)	462	0	0	0	0	466
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Stop	Free	

Intersection Summary		
Area Type:	Other	
Control Type: Unsignalized		
Intersection Capacity Utilization 40.6%		ICU Level of Service A
Analysis Period (min) 15		

Lane Group	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (vph)	0	0	0	803	0	835
Future Volume (vph)	0	0	0	803	0	835
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.91	1.00	0.76
Frt						0.850
Flt Protected						
Satd. Flow (prot)	0	0	0	5085	0	3610
Flt Permitted						
Satd. Flow (perm)	0	0	0	5085	0	3610
Link Speed (mph)	60			50	50	
Link Distance (ft)	1230			1227	278	
Travel Time (s)	14.0			16.7	3.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	0	892	0	928
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	892	0	928
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			12	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane				Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Free	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 22.8%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	434	369	0	0
Future Volume (vph)	0	0	434	369	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.86	0.86	1.00	1.00
Frt			0.955	0.850		
Flt Protected						
Satd. Flow (prot)	0	0	4590	1362	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	4590	1362	0	0
Link Speed (mph)		60	50		30	
Link Distance (ft)		1920	974		384	
Travel Time (s)		21.8	13.3		8.7	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	482	410	0	0
Shared Lane Traffic (%)				50%		
Lane Group Flow (vph)	0	0	687	205	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	R NA	Left	Right
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			50	15	9
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 42.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	434	0	0	447
Future Volume (vph)	0	0	434	0	0	447
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.91	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	0	0	5085	0	0	1611
Flt Permitted						
Satd. Flow (perm)	0	0	5085	0	0	1611
Link Speed (mph)		60	60		50	
Link Distance (ft)		1044	489		455	
Travel Time (s)		11.9	5.6		6.2	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.93
Adj. Flow (vph)	0	0	482	0	0	481
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	482	0	0	481
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	Right	Left	R NA
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	50
Sign Control		Free	Free		Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 42.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	201	242	0	0	0	0
Future Volume (vph)	201	242	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	0.91	1.00	1.00	1.00	1.00
Frt	0.949	0.850				
Flt Protected						
Satd. Flow (prot)	3239	1470	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	3239	1470	0	0	0	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	402			397	325	
Travel Time (s)	9.1			9.0	7.4	
Peak Hour Factor	0.93	0.94	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	0%	2%	2%	2%	2%
Adj. Flow (vph)	216	257	0	0	0	0
Shared Lane Traffic (%)		43%				
Lane Group Flow (vph)	327	146	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			16	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		25	15		15	9
Sign Control	Free			Free	Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 13.3%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑					↱
Traffic Volume (vph)	183	0	0	0	0	236
Future Volume (vph)	183	0	0	0	0	236
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.95	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	3610	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	3610	0	0	0	0	1611
Link Speed (mph)	30			30	30	
Link Distance (ft)	360			336	419	
Travel Time (s)	8.2			7.6	9.5	
Peak Hour Factor	0.70	0.90	0.90	0.90	0.90	0.74
Heavy Vehicles (%)	0%	2%	2%	2%	2%	2%
Adj. Flow (vph)	261	0	0	0	0	319
Shared Lane Traffic (%)						
Lane Group Flow (vph)	261	0	0	0	0	319
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	35
Sign Control	Free			Stop	Yield	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 26.3%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	242	127	0	0	0	0
Future Volume (vph)	242	127	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	100	0		0	0	
Storage Lanes	1	1		0	0	
Taper Length (ft)	100				100	
Lane Util. Factor	0.97	0.91	1.00	1.00	1.00	1.00
Frt	0.985	0.850				
Flt Protected	0.957					
Satd. Flow (prot)	3406	1441	0	0	0	0
Flt Permitted	0.957					
Satd. Flow (perm)	3406	1441	0	0	0	0
Link Speed (mph)	30		30			30
Link Distance (ft)	211		393			230
Travel Time (s)	4.8		8.9			5.2
Peak Hour Factor	0.85	0.73	0.90	0.90	0.90	0.90
Adj. Flow (vph)	285	174	0	0	0	0
Shared Lane Traffic (%)		18%				
Lane Group Flow (vph)	316	143	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	24		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	25	25		9	15	
Sign Control	Free		Free			Free

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 11.6%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	248	0	0	0	0	199
Future Volume (vph)	248	0	0	0	0	199
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.97	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected	0.950					
Satd. Flow (prot)	3467	0	0	0	0	1863
Flt Permitted	0.950					
Satd. Flow (perm)	3467	0	0	0	0	1863
Link Speed (mph)	30		30			30
Link Distance (ft)	288		840			370
Travel Time (s)	6.5		19.1			8.4
Peak Hour Factor	0.87	0.80	0.90	0.90	0.90	0.77
Heavy Vehicles (%)	1%	2%	2%	2%	2%	2%
Adj. Flow (vph)	285	0	0	0	0	258
Shared Lane Traffic (%)						
Lane Group Flow (vph)	285	0	0	0	0	258
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	Right	Left	R NA
Median Width(ft)	24		0			0
Link Offset(ft)	0		18			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	35	9		9	15	
Sign Control	Free		Free			Yield

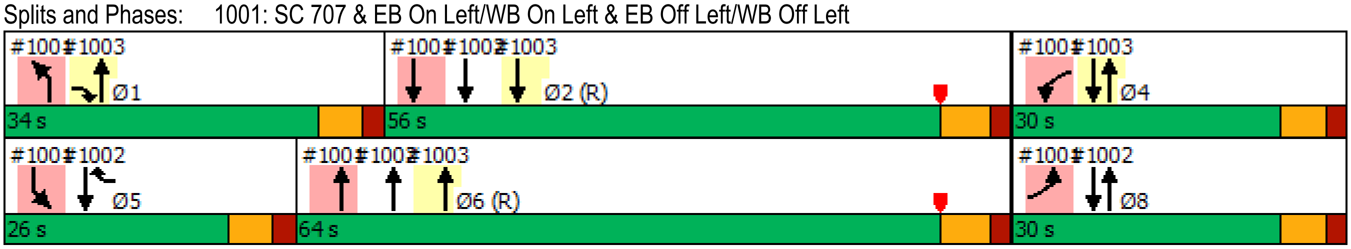
Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 24.2%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Lane Configurations	↰↰	↰↰	↰↰	↑↑	↰↰	↑↑
Traffic Volume (vph)	201	242	248	574	183	544
Future Volume (vph)	201	242	248	574	183	544
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	155	0	160		0	
Storage Lanes	0	2	1		2	
Taper Length (ft)	100	100	100		100	
Lane Util. Factor	0.97	0.97	0.97	0.95	0.97	0.95
Frt						
Flt Protected	0.950	0.950	0.950		0.950	
Satd. Flow (prot)	3433	3433	3467	3610	3433	3574
Flt Permitted	0.950	0.950	0.950		0.950	
Satd. Flow (perm)	3433	3433	3467	3610	3433	3574
Right Turn on Red						
Satd. Flow (RTOR)						
Link Speed (mph)				45		45
Link Distance (ft)				325		309
Travel Time (s)				4.9		4.7
Peak Hour Factor	0.93	0.90	0.87	0.92	0.90	0.84
Heavy Vehicles (%)	2%	2%	1%	0%	2%	1%
Adj. Flow (vph)	216	269	285	624	203	648
Shared Lane Traffic (%)						
Lane Group Flow (vph)	216	269	285	624	203	648
Enter Blocked Intersection	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Left	Left	Left	Left
Median Width(ft)				24		48
Link Offset(ft)				0		0
Crosswalk Width(ft)				10		10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	15	15		15	
Number of Detectors	1	1	1	1	1	1
Detector Template	Left	Left	Left		Left	
Leading Detector (ft)	30	30	30	306	30	306
Trailing Detector (ft)	0	0	0	300	0	300
Detector 1 Position(ft)	0	0	0	300	0	300
Detector 1 Size(ft)	30	30	30	6	30	6
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Turn Type	Prot	Prot	Prot	NA	Prot	NA
Protected Phases	8	4	1	6	5	2
Permitted Phases						
Detector Phase	8	4	1	6	5	2
Switch Phase						
Minimum Initial (s)	6.0	6.0	6.0	10.0	6.0	10.0
Minimum Split (s)	12.0	12.0	12.0	16.5	12.0	16.5

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Total Split (s)	30.0	30.0	34.0	64.0	26.0	56.0
Total Split (%)	25.0%	25.0%	28.3%	53.3%	21.7%	46.7%
Maximum Green (s)	24.0	24.0	28.0	57.5	20.0	49.5
Yellow Time (s)	4.0	4.0	4.0	4.5	4.0	4.5
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.5	6.0	6.5
Lead/Lag			Lead	Lag	Lead	Lag
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	22.9	22.9	20.1	65.8	12.8	58.6
Actuated g/C Ratio	0.19	0.19	0.17	0.55	0.11	0.49
v/c Ratio	0.33	0.41	0.49	0.32	0.55	0.37
Control Delay	43.1	44.4	47.3	16.0	54.9	19.9
Queue Delay	0.0	0.0	0.0	0.6	0.0	0.5
Total Delay	43.1	44.4	47.3	16.5	54.9	20.4
LOS	D	D	D	B	D	C
Approach Delay				26.2		28.7
Approach LOS				C		C

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 45	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.59	
Intersection Signal Delay: 30.9	Intersection LOS: C
Intersection Capacity Utilization 44.4%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1001: SC 707 & EB On Left/WB On Left & EB Off Left/WB Off Left



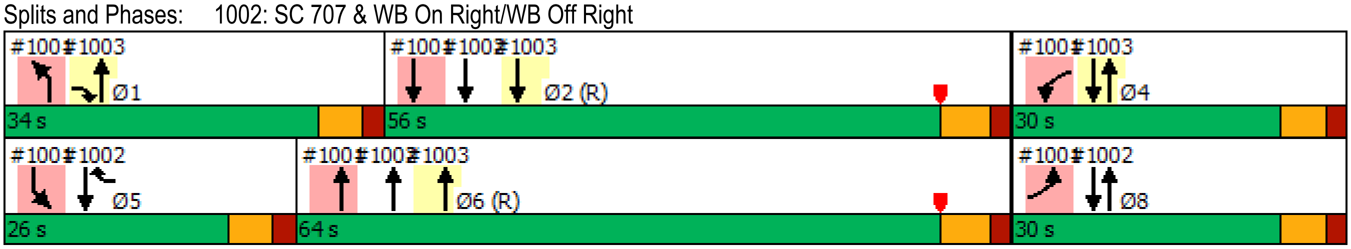
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	127	0	775	0	0	727	199
Future Volume (vph)	0	0	0	0	0	127	0	775	0	0	727	199
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	0.88	1.00	0.95	1.00	1.00	0.95	1.00
Frt						0.850						0.850
Flt Protected												
Satd. Flow (prot)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Flt Permitted												
Satd. Flow (perm)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Right Turn on Red			Yes			No			Yes			Yes
Satd. Flow (RTOR)												195
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		370			230			309			499	
Travel Time (s)		8.4			5.2			4.7			7.6	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.73	0.90	0.90	0.90	0.90	0.72	0.77
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	0%	2%
Adj. Flow (vph)	0	0	0	0	0	174	0	861	0	0	1010	258
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	0	0	0	174	0	861	0	0	1010	258
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane											Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors						1		2			0	0
Detector Template						Right		Thru				
Leading Detector (ft)						30		100			0	0
Trailing Detector (ft)						0		0			0	0
Detector 1 Position(ft)						0		0			0	0
Detector 1 Size(ft)						30		6			30	30
Detector 1 Type						Cl+Ex		Cl+Ex			Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)						0.0		0.0			0.0	0.0
Detector 1 Queue (s)						0.0		0.0			0.0	0.0
Detector 1 Delay (s)						0.0		0.0			0.0	0.0
Detector 2 Position(ft)								94				
Detector 2 Size(ft)								6				
Detector 2 Type								Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)								0.0				
Turn Type						Prot		NA			NA	Free
Protected Phases						5		6 8			2 5 8	
Permitted Phases												Free
Detector Phase						5		6 8				
Switch Phase												

Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	1	2	4	6	8
Permitted Phases					
Detector Phase					
Switch Phase					

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Minimum Initial (s)						6.0						
Minimum Split (s)						12.0						
Total Split (s)						26.0						
Total Split (%)						21.7%						
Maximum Green (s)						20.0						
Yellow Time (s)						4.0						
All-Red Time (s)						2.0						
Lost Time Adjust (s)						0.0						
Total Lost Time (s)						6.0						
Lead/Lag						Lead						
Lead-Lag Optimize?												
Vehicle Extension (s)						3.0						
Recall Mode						None						
Act Effct Green (s)						12.8		94.7			106.3	120.0
Actuated g/C Ratio						0.11		0.79			0.89	1.00
v/c Ratio						0.59		0.31			0.32	0.16
Control Delay						58.7		0.7			1.5	0.2
Queue Delay						0.0		0.1			0.0	0.0
Total Delay						58.7		0.8			1.5	0.2
LOS						E		A			A	A
Approach Delay					58.7			0.8			1.2	
Approach LOS					E			A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 45	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.59	
Intersection Signal Delay: 5.4	Intersection LOS: A
Intersection Capacity Utilization 36.8%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1002: SC 707 & WB On Right/WB Off Right



Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Minimum Initial (s)	6.0	10.0	6.0	10.0	6.0
Minimum Split (s)	12.0	16.5	12.0	16.5	12.0
Total Split (s)	34.0	56.0	30.0	64.0	30.0
Total Split (%)	28%	47%	25%	53%	25%
Maximum Green (s)	28.0	49.5	24.0	57.5	24.0
Yellow Time (s)	4.0	4.5	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lead	Lag		Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Max	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

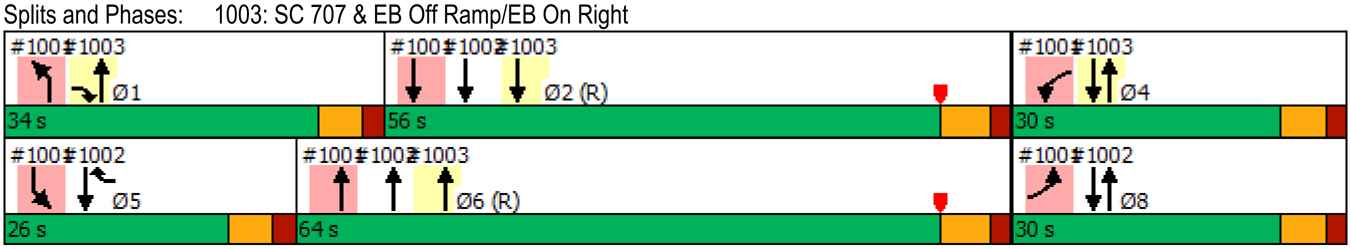
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	242	0	0	0	0	822	236	0	786	0
Future Volume (vph)	0	0	242	0	0	0	0	822	236	0	786	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	0		250	0		0
Storage Lanes	0		2	0		0	0		1	0		0
Taper Length (ft)	100			100			100			100		
Lane Util. Factor	1.00	1.00	0.88	1.00	1.00	1.00	1.00	0.95	1.00	1.00	0.95	1.00
Frt			0.850						0.850			
Flt Protected												
Satd. Flow (prot)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Flt Permitted												
Satd. Flow (perm)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Right Turn on Red			No			Yes			Yes			Yes
Satd. Flow (RTOR)									229			
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		325			419			455			325	
Travel Time (s)		7.4			9.5			6.9			4.9	
Peak Hour Factor	0.90	0.90	0.94	0.90	0.90	0.90	0.90	0.94	0.74	0.90	0.84	0.90
Heavy Vehicles (%)	2%	2%	0%	2%	2%	2%	2%	1%	2%	2%	1%	2%
Adj. Flow (vph)	0	0	257	0	0	0	0	874	319	0	936	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	257	0	0	0	0	874	319	0	936	0
Enter Blocked Intersection	No	No	No	No	No	No	No	Yes	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			36			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors			1					0	1		2	
Detector Template			Right						Right		Thru	
Leading Detector (ft)			30					0	20		100	
Trailing Detector (ft)			0					0	0		0	
Detector 1 Position(ft)			0					0	0		0	
Detector 1 Size(ft)			30					30	20		6	
Detector 1 Type			Cl+Ex					Cl+Ex	Cl+Ex		Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)			0.0					0.0	0.0		0.0	
Detector 1 Queue (s)			0.0					0.0	0.0		0.0	
Detector 1 Delay (s)			0.0					0.0	0.0		0.0	
Detector 2 Position(ft)											94	
Detector 2 Size(ft)											6	
Detector 2 Type											Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)											0.0	
Turn Type			Prot					NA	Free		NA	
Protected Phases			1					1 6 4			2 4	

Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Storage Length (ft)					
Storage Lanes					
Taper Length (ft)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	2	4	5	6	8

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases									Free			
Detector Phase			1					1 6 4			2 4	
Switch Phase												
Minimum Initial (s)			6.0									
Minimum Split (s)			12.0									
Total Split (s)			34.0									
Total Split (%)			28.3%									
Maximum Green (s)			28.0									
Yellow Time (s)			4.0									
All-Red Time (s)			2.0									
Lost Time Adjust (s)			0.0									
Total Lost Time (s)			6.0									
Lead/Lag			Lead									
Lead-Lag Optimize?												
Vehicle Extension (s)			3.0									
Recall Mode			None									
Act Effct Green (s)			20.1					119.6	120.0		87.4	
Actuated g/C Ratio			0.17					1.00	1.00		0.73	
v/c Ratio			0.54					0.25	0.20		0.36	
Control Delay			49.2					0.2	0.3		0.9	
Queue Delay			0.0					0.0	0.0		0.1	
Total Delay			49.2					0.2	0.3		1.1	
LOS			D					A	A		A	
Approach Delay		49.2						0.2			1.1	
Approach LOS		D						A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 45	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.59	
Intersection Signal Delay: 5.8	Intersection LOS: A
Intersection Capacity Utilization 40.6%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1003: SC 707 & EB Off Ramp/EB On Right



Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Permitted Phases					
Detector Phase					
Switch Phase					
Minimum Initial (s)	10.0	6.0	6.0	10.0	6.0
Minimum Split (s)	16.5	12.0	12.0	16.5	12.0
Total Split (s)	56.0	30.0	26.0	64.0	30.0
Total Split (%)	47%	25%	22%	53%	25%
Maximum Green (s)	49.5	24.0	20.0	57.5	24.0
Yellow Time (s)	4.5	4.0	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lag		Lead	Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	C-Max	None	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑↑	↱				
Traffic Volume (vph)	873	1046	0	0	0	0
Future Volume (vph)	873	1046	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)		600	0		0	0
Storage Lanes		1	0		0	0
Taper Length (ft)			100		100	
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt		0.850				
Flt Protected						
Satd. Flow (prot)	5085	1583	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	5085	1583	0	0	0	0
Link Speed (mph)	60			60	30	
Link Distance (ft)	3972			2218	837	
Travel Time (s)	45.1			25.2	19.0	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	970	1162	0	0	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	970	1162	0	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	R NA	Left	Left	Left	Right
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	0			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		55	15		15	55
Sign Control	Free			Stop	Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 68.1%	ICU Level of Service C
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	873	0	0	0	0	673
Future Volume (vph)	873	0	0	0	0	673
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	5085	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	5085	0	0	0	0	1611
Link Speed (mph)	50			60	55	
Link Distance (ft)	236			1936	250	
Travel Time (s)	3.2			22.0	3.1	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	970	0	0	0	0	748
Shared Lane Traffic (%)						
Lane Group Flow (vph)	970	0	0	0	0	748
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Stop	Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 68.1%	ICU Level of Service C
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (vph)	0	0	0	1507	0	1546
Future Volume (vph)	0	0	0	1507	0	1546
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.91	1.00	0.76
Frt						0.850
Flt Protected						
Satd. Flow (prot)	0	0	0	5085	0	3610
Flt Permitted						
Satd. Flow (perm)	0	0	0	5085	0	3610
Link Speed (mph)	60			50	50	
Link Distance (ft)	1230			1227	278	
Travel Time (s)	14.0			16.7	3.8	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	0	1674	0	1718
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	1674	0	1718
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			12	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane				Yes		
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	50
Sign Control	Free			Free	Free	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 39.4% ICU Level of Service A

Analysis Period (min) 15

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	895	612	0	0
Future Volume (vph)	0	0	895	612	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.86	0.86	1.00	1.00
Frt			0.965	0.850		
Flt Protected						
Satd. Flow (prot)	0	0	4638	1362	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	4638	1362	0	0
Link Speed (mph)		60	50		30	
Link Distance (ft)		1920	974		384	
Travel Time (s)		21.8	13.3		8.7	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	0	0	994	680	0	0
Shared Lane Traffic (%)				44%		
Lane Group Flow (vph)	0	0	1293	381	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	R NA	Left	Right
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			50	15	9
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 86.2%	ICU Level of Service E
Analysis Period (min) 15	

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	895	0	0	1005
Future Volume (vph)	0	0	895	0	0	1005
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.91	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	0	0	5085	0	0	1611
Flt Permitted						
Satd. Flow (perm)	0	0	5085	0	0	1611
Link Speed (mph)		60	60		50	
Link Distance (ft)		1044	489		455	
Travel Time (s)		11.9	5.6		6.2	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.93
Adj. Flow (vph)	0	0	994	0	0	1081
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	994	0	0	1081
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	L NA	Right	Left	R NA
Median Width(ft)		0	0		0	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		10	10		10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	50
Sign Control		Free	Free		Free	

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 86.2%	ICU Level of Service E
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	416	630	0	0	0	0
Future Volume (vph)	416	630	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.91	0.91	1.00	1.00	1.00	1.00
Frt	0.937	0.850				
Flt Protected						
Satd. Flow (prot)	3203	1470	0	0	0	0
Flt Permitted						
Satd. Flow (perm)	3203	1470	0	0	0	0
Link Speed (mph)	30			30	30	
Link Distance (ft)	402			397	325	
Travel Time (s)	9.1			9.0	7.4	
Peak Hour Factor	0.93	0.94	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	2%	0%	2%	2%	2%	2%
Adj. Flow (vph)	447	670	0	0	0	0
Shared Lane Traffic (%)		48%				
Lane Group Flow (vph)	769	348	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			16	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		25	15		15	9
Sign Control	Free			Free	Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 29.3%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	292	0	0	0	0	381
Future Volume (vph)	292	0	0	0	0	381
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.95	1.00	1.00	1.00	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	3610	0	0	0	0	1611
Flt Permitted						
Satd. Flow (perm)	3610	0	0	0	0	1611
Link Speed (mph)	30			30	30	
Link Distance (ft)	360			336	419	
Travel Time (s)	8.2			7.6	9.5	
Peak Hour Factor	0.70	0.90	0.90	0.90	0.90	0.74
Heavy Vehicles (%)	0%	2%	2%	2%	2%	2%
Adj. Flow (vph)	417	0	0	0	0	515
Shared Lane Traffic (%)						
Lane Group Flow (vph)	417	0	0	0	0	515
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	R NA
Median Width(ft)	0			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	10			10	10	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	35
Sign Control	Free			Stop	Yield	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 38.3%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	385	227	0	0	0	0
Future Volume (vph)	385	227	0	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	100	0		0	0	
Storage Lanes	1	1		0	0	
Taper Length (ft)	100				100	
Lane Util. Factor	0.97	0.91	1.00	1.00	1.00	1.00
Frt	0.979	0.850				
Flt Protected	0.959					
Satd. Flow (prot)	3393	1441	0	0	0	0
Flt Permitted	0.959					
Satd. Flow (perm)	3393	1441	0	0	0	0
Link Speed (mph)	30		30			30
Link Distance (ft)	211		393			230
Travel Time (s)	4.8		8.9			5.2
Peak Hour Factor	0.85	0.73	0.90	0.90	0.90	0.90
Adj. Flow (vph)	453	311	0	0	0	0
Shared Lane Traffic (%)		23%				
Lane Group Flow (vph)	525	239	0	0	0	0
Enter Blocked Intersection	Yes	Yes	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	24		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	25	25		9	15	
Sign Control	Free		Free			Free

Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 16.7%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	599	0	0	0	0	406
Future Volume (vph)	599	0	0	0	0	406
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.97	1.00	1.00	1.00	1.00	1.00
Frt						
Flt Protected	0.950					
Satd. Flow (prot)	3467	0	0	0	0	1863
Flt Permitted	0.950					
Satd. Flow (perm)	3467	0	0	0	0	1863
Link Speed (mph)	30		30			30
Link Distance (ft)	288		840			370
Travel Time (s)	6.5		19.1			8.4
Peak Hour Factor	0.87	0.80	0.90	0.90	0.90	0.77
Heavy Vehicles (%)	1%	2%	2%	2%	2%	2%
Adj. Flow (vph)	689	0	0	0	0	527
Shared Lane Traffic (%)						
Lane Group Flow (vph)	689	0	0	0	0	527
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	Right	Left	R NA
Median Width(ft)	24		0			0
Link Offset(ft)	0		18			0
Crosswalk Width(ft)	10		10			10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	35	9		9	15	
Sign Control	Free		Free			Yield

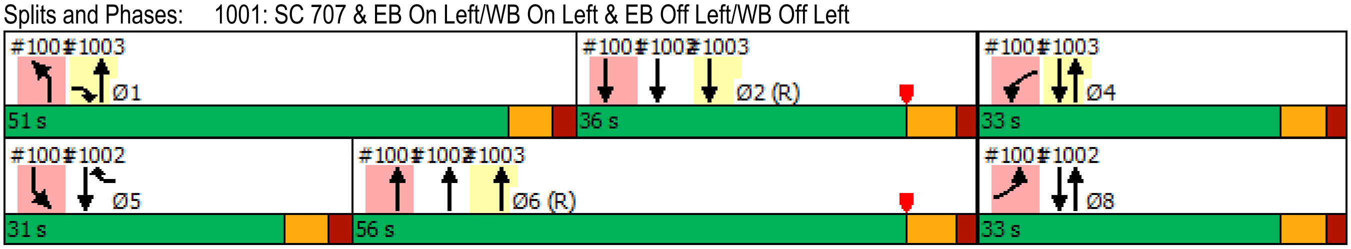
Intersection Summary	
Area Type: Other	
Control Type: Unsignalized	
Intersection Capacity Utilization 45.1%	ICU Level of Service A
Analysis Period (min) 15	

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	416	385	599	426	292	391
Future Volume (vph)	416	385	599	426	292	391
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (ft)	155	0	160		0	
Storage Lanes	0	2	1		2	
Taper Length (ft)	100	100	100		100	
Lane Util. Factor	0.97	0.97	0.97	0.95	0.97	0.95
Frt						
Flt Protected	0.950	0.950	0.950		0.950	
Satd. Flow (prot)	3433	3433	3467	3610	3433	3574
Flt Permitted	0.950	0.950	0.950		0.950	
Satd. Flow (perm)	3433	3433	3467	3610	3433	3574
Right Turn on Red						
Satd. Flow (RTOR)						
Link Speed (mph)				45		45
Link Distance (ft)				325		309
Travel Time (s)				4.9		4.7
Peak Hour Factor	0.93	0.90	0.87	0.92	0.90	0.84
Heavy Vehicles (%)	2%	2%	1%	0%	2%	1%
Adj. Flow (vph)	447	428	689	463	324	465
Shared Lane Traffic (%)						
Lane Group Flow (vph)	447	428	689	463	324	465
Enter Blocked Intersection	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Left	Left	Left	Left
Median Width(ft)				24		48
Link Offset(ft)				0		0
Crosswalk Width(ft)				10		10
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	15	15		15	
Number of Detectors	1	1	1	1	1	1
Detector Template	Left	Left	Left		Left	
Leading Detector (ft)	30	30	30	306	30	306
Trailing Detector (ft)	0	0	0	300	0	300
Detector 1 Position(ft)	0	0	0	300	0	300
Detector 1 Size(ft)	30	30	30	6	30	6
Detector 1 Type	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex	Cl+Ex
Detector 1 Channel						
Detector 1 Extend (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Queue (s)	0.0	0.0	0.0	0.0	0.0	0.0
Detector 1 Delay (s)	0.0	0.0	0.0	0.0	0.0	0.0
Turn Type	Prot	Prot	Prot	NA	Prot	NA
Protected Phases	8	4	1	6	5	2
Permitted Phases						
Detector Phase	8	4	1	6	5	2
Switch Phase						
Minimum Initial (s)	6.0	6.0	6.0	10.0	6.0	10.0
Minimum Split (s)	12.0	12.0	12.0	16.5	12.0	16.5

Lane Group	EBL	WBL	NBL	NBT	SBL	SBT
Total Split (s)	33.0	33.0	51.0	56.0	31.0	36.0
Total Split (%)	27.5%	27.5%	42.5%	46.7%	25.8%	30.0%
Maximum Green (s)	27.0	27.0	45.0	49.5	25.0	29.5
Yellow Time (s)	4.0	4.0	4.0	4.5	4.0	4.5
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.5	6.0	6.5
Lead/Lag			Lead	Lag	Lead	Lag
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	27.0	27.0	41.5	55.6	18.9	33.0
Actuated g/C Ratio	0.22	0.22	0.35	0.46	0.16	0.28
v/c Ratio	0.58	0.55	0.57	0.28	0.60	0.47
Control Delay	44.9	44.4	33.6	21.1	46.1	34.4
Queue Delay	0.0	0.0	2.4	0.6	0.0	0.6
Total Delay	44.9	44.4	36.0	21.7	46.1	35.0
LOS	D	D	D	C	D	D
Approach Delay				30.3		39.6
Approach LOS				C		D

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.71	
Intersection Signal Delay: 37.3	Intersection LOS: D
Intersection Capacity Utilization 55.2%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 1001: SC 707 & EB On Left/WB On Left & EB Off Left/WB Off Left



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	0	0	227	0	842	0	0	683	406
Future Volume (vph)	0	0	0	0	0	227	0	842	0	0	683	406
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	0.88	1.00	0.95	1.00	1.00	0.95	1.00
Frt						0.850						0.850
Flt Protected												
Satd. Flow (prot)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Flt Permitted												
Satd. Flow (perm)	0	0	0	0	0	2787	0	3574	0	0	3610	1583
Right Turn on Red			Yes			No			Yes			Yes
Satd. Flow (RTOR)												349
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		370			230			309			499	
Travel Time (s)		8.4			5.2			4.7			7.6	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.73	0.90	0.90	0.90	0.90	0.72	0.77
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	0%	2%
Adj. Flow (vph)	0	0	0	0	0	311	0	936	0	0	949	527
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	0	0	0	311	0	936	0	0	949	527
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	Yes	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane											Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors						1		2			0	0
Detector Template						Right		Thru				
Leading Detector (ft)						30		100			0	0
Trailing Detector (ft)						0		0			0	0
Detector 1 Position(ft)						0		0			0	0
Detector 1 Size(ft)						30		6			30	30
Detector 1 Type						Cl+Ex		Cl+Ex			Cl+Ex	Cl+Ex
Detector 1 Channel												
Detector 1 Extend (s)						0.0		0.0			0.0	0.0
Detector 1 Queue (s)						0.0		0.0			0.0	0.0
Detector 1 Delay (s)						0.0		0.0			0.0	0.0
Detector 2 Position(ft)								94				
Detector 2 Size(ft)								6				
Detector 2 Type								Cl+Ex				
Detector 2 Channel												
Detector 2 Extend (s)								0.0				
Turn Type						Prot		NA			NA	Free
Protected Phases						5		6 8			2 5 8	
Permitted Phases												Free
Detector Phase						5		6 8				
Switch Phase												

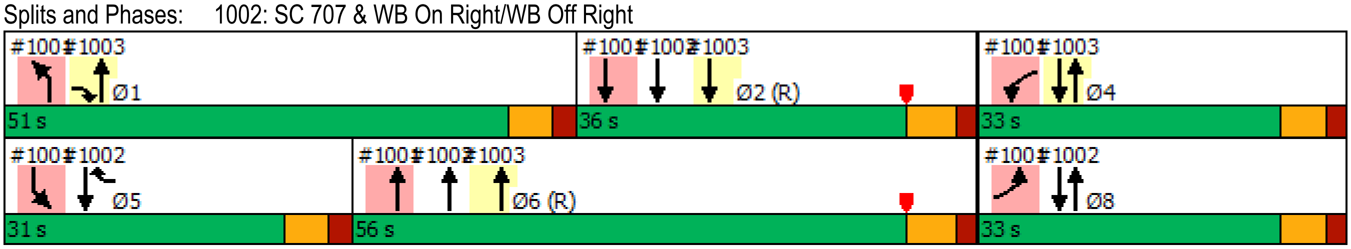
Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	1	2	4	6	8
Permitted Phases					
Detector Phase					
Switch Phase					

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Minimum Initial (s)						6.0						
Minimum Split (s)						12.0						
Total Split (s)						31.0						
Total Split (%)						25.8%						
Maximum Green (s)						25.0						
Yellow Time (s)						4.0						
All-Red Time (s)						2.0						
Lost Time Adjust (s)						0.0						
Total Lost Time (s)						6.0						
Lead/Lag						Lead						
Lead-Lag Optimize?												
Vehicle Extension (s)						3.0						
Recall Mode						None						
Act Effct Green (s)						18.9		88.6			90.9	120.0
Actuated g/C Ratio						0.16		0.74			0.76	1.00
v/c Ratio						0.71		0.35			0.35	0.33
Control Delay						56.6		1.2			5.2	0.6
Queue Delay						0.0		0.2			0.0	0.0
Total Delay						56.6		1.3			5.2	0.6
LOS						E		A			A	A
Approach Delay					56.6			1.3			3.6	
Approach LOS					E			A			A	

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow
Natural Cycle: 60
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.71
Intersection Signal Delay: 8.9 Intersection LOS: A
Intersection Capacity Utilization 41.6% ICU Level of Service A
Analysis Period (min) 15

Splits and Phases: 1002: SC 707 & WB On Right/WB Off Right



Lane Group	Ø1	Ø2	Ø4	Ø6	Ø8
Minimum Initial (s)	6.0	10.0	6.0	10.0	6.0
Minimum Split (s)	12.0	16.5	12.0	16.5	12.0
Total Split (s)	51.0	36.0	33.0	56.0	33.0
Total Split (%)	43%	30%	28%	47%	28%
Maximum Green (s)	45.0	29.5	27.0	49.5	27.0
Yellow Time (s)	4.0	4.5	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lead	Lag		Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	None	C-Max	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

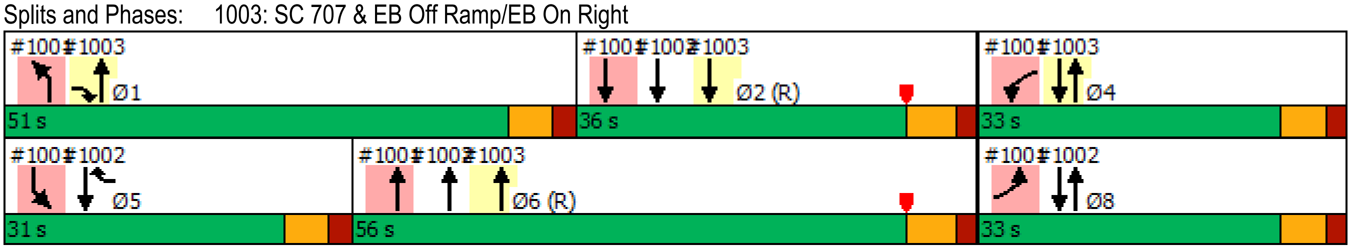
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	630	0	0	0	0	1025	381	0	776	0
Future Volume (vph)	0	0	630	0	0	0	0	1025	381	0	776	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		0	0		250	0		0
Storage Lanes	0		2	0		0	0		1	0		0
Taper Length (ft)	100			100			100			100		
Lane Util. Factor	1.00	1.00	0.88	1.00	1.00	1.00	1.00	0.95	1.00	1.00	0.95	1.00
Frt			0.850						0.850			
Flt Protected												
Satd. Flow (prot)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Flt Permitted												
Satd. Flow (perm)	0	0	2842	0	0	0	0	3574	1583	0	3574	0
Right Turn on Red			No			Yes			Yes			Yes
Satd. Flow (RTOR)									296			
Link Speed (mph)		30			30			45			45	
Link Distance (ft)		325			419			455			325	
Travel Time (s)		7.4			9.5			6.9			4.9	
Peak Hour Factor	0.90	0.90	0.94	0.90	0.90	0.90	0.90	0.94	0.74	0.90	0.84	0.90
Heavy Vehicles (%)	2%	2%	0%	2%	2%	2%	2%	1%	2%	2%	1%	2%
Adj. Flow (vph)	0	0	670	0	0	0	0	1090	515	0	924	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	0	670	0	0	0	0	1090	515	0	924	0
Enter Blocked Intersection	No	No	No	No	No	No	No	Yes	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			36			24	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		10			10			10			10	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors			1					0	1		2	
Detector Template			Right						Right		Thru	
Leading Detector (ft)			30					0	20		100	
Trailing Detector (ft)			0					0	0		0	
Detector 1 Position(ft)			0					0	0		0	
Detector 1 Size(ft)			30					30	20		6	
Detector 1 Type			Cl+Ex					Cl+Ex	Cl+Ex		Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)			0.0					0.0	0.0		0.0	
Detector 1 Queue (s)			0.0					0.0	0.0		0.0	
Detector 1 Delay (s)			0.0					0.0	0.0		0.0	
Detector 2 Position(ft)											94	
Detector 2 Size(ft)											6	
Detector 2 Type											Cl+Ex	
Detector 2 Channel												
Detector 2 Extend (s)											0.0	
Turn Type			Prot					NA	Free		NA	
Protected Phases			1					1 6 4			2 4	

Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Lane Configurations					
Traffic Volume (vph)					
Future Volume (vph)					
Ideal Flow (vphpl)					
Storage Length (ft)					
Storage Lanes					
Taper Length (ft)					
Lane Util. Factor					
Frt					
Flt Protected					
Satd. Flow (prot)					
Flt Permitted					
Satd. Flow (perm)					
Right Turn on Red					
Satd. Flow (RTOR)					
Link Speed (mph)					
Link Distance (ft)					
Travel Time (s)					
Peak Hour Factor					
Heavy Vehicles (%)					
Adj. Flow (vph)					
Shared Lane Traffic (%)					
Lane Group Flow (vph)					
Enter Blocked Intersection					
Lane Alignment					
Median Width(ft)					
Link Offset(ft)					
Crosswalk Width(ft)					
Two way Left Turn Lane					
Headway Factor					
Turning Speed (mph)					
Number of Detectors					
Detector Template					
Leading Detector (ft)					
Trailing Detector (ft)					
Detector 1 Position(ft)					
Detector 1 Size(ft)					
Detector 1 Type					
Detector 1 Channel					
Detector 1 Extend (s)					
Detector 1 Queue (s)					
Detector 1 Delay (s)					
Detector 2 Position(ft)					
Detector 2 Size(ft)					
Detector 2 Type					
Detector 2 Channel					
Detector 2 Extend (s)					
Turn Type					
Protected Phases	2	4	5	6	8

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases									Free			
Detector Phase			1					1 6 4			2 4	
Switch Phase												
Minimum Initial (s)			6.0									
Minimum Split (s)			12.0									
Total Split (s)			51.0									
Total Split (%)			42.5%									
Maximum Green (s)			45.0									
Yellow Time (s)			4.0									
All-Red Time (s)			2.0									
Lost Time Adjust (s)			0.0									
Total Lost Time (s)			6.0									
Lead/Lag			Lead									
Lead-Lag Optimize?												
Vehicle Extension (s)			3.0									
Recall Mode			None									
Act Effct Green (s)			41.5					120.0	120.0		66.0	
Actuated g/C Ratio			0.35					1.00	1.00		0.55	
v/c Ratio			0.68					0.30	0.33		0.47	
Control Delay			37.1					0.2	0.5		2.3	
Queue Delay			0.0					0.0	0.0		0.1	
Total Delay			37.1					0.2	0.5		2.4	
LOS			D					A	A		A	
Approach Delay		37.1						0.3			2.4	
Approach LOS		D						A			A	

Intersection Summary	
Area Type: Other	
Cycle Length: 120	
Actuated Cycle Length: 120	
Offset: 116 (97%), Referenced to phase 2:SBT and 6:NBT, Start of Yellow	
Natural Cycle: 60	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.71	
Intersection Signal Delay: 8.6	Intersection LOS: A
Intersection Capacity Utilization 53.9%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 1003: SC 707 & EB Off Ramp/EB On Right



Lane Group	Ø2	Ø4	Ø5	Ø6	Ø8
Permitted Phases					
Detector Phase					
Switch Phase					
Minimum Initial (s)	10.0	6.0	6.0	10.0	6.0
Minimum Split (s)	16.5	12.0	12.0	16.5	12.0
Total Split (s)	36.0	33.0	31.0	56.0	33.0
Total Split (%)	30%	28%	26%	47%	28%
Maximum Green (s)	29.5	27.0	25.0	49.5	27.0
Yellow Time (s)	4.5	4.0	4.0	4.5	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)					
Total Lost Time (s)					
Lead/Lag	Lag		Lead	Lag	
Lead-Lag Optimize?					
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0
Recall Mode	C-Max	None	None	C-Max	None
Act Effct Green (s)					
Actuated g/C Ratio					
v/c Ratio					
Control Delay					
Queue Delay					
Total Delay					
LOS					
Approach Delay					
Approach LOS					

Intersection Summary

Appendix G—SC 701 ParClo 1 Analysis Results

Intersection	
Int Delay, s/veh	3.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	340	275	0	365	0	0	0	0	27	0	248
Future Vol, veh/h	0	340	275	0	365	0	0	0	0	27	0	248
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	378	306	0	406	0	0	0	0	30	0	276

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				937	-	406
Stage 1	-	-	-	-	-	-				406	-	-
Stage 2	-	-	-	-	-	-				531	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				294	0	645
Stage 1	0	-	-	0	-	0				673	0	-
Stage 2	0	-	-	0	-	0				590	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				294	0	645
Mov Cap-2 Maneuver	-	-	-	-	-	-				294	0	-
Stage 1	-	-	-	-	-	-				673	0	-
Stage 2	-	-	-	-	-	-				590	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	15.1
HCM LOS			C

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	294	645
HCM Lane V/C Ratio	-	-	-	0.102	0.427
HCM Control Delay (s)	-	-	-	18.6	14.7
HCM Lane LOS	-	-	-	C	B
HCM 95th %tile Q(veh)	-	-	-	0.3	2.1

Intersection	
Int Delay, s/veh	8.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	107	0	0	322	25	286	0	244	0	0	0
Future Vol, veh/h	0	107	0	0	322	25	286	0	244	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	119	0	0	358	28	318	0	271	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	477	-	-
Stage 1	-	-	-	-	-	-	119	-	-
Stage 2	-	-	-	-	-	-	358	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	547	0	0
Stage 1	0	-	0	0	-	0	906	0	0
Stage 2	0	-	0	0	-	0	707	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	547	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	547	0	-
Stage 1	-	-	-	-	-	-	906	0	-
Stage 2	-	-	-	-	-	-	707	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	20.3
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	547	-	-	-
HCM Lane V/C Ratio	0.581	-	-	-
HCM Control Delay (s)	20.3	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	3.7	-	-	-

Intersection	
Int Delay, s/veh	8.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	586	205	0	252	0	0	0	0	27	0	543
Future Vol, veh/h	0	586	205	0	252	0	0	0	0	27	0	543
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	651	228	0	280	0	0	0	0	30	0	603

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	-	0	0	-	-	0	1045	-	280
Stage 1	-	-	-	-	-	-	280	-	-
Stage 2	-	-	-	-	-	-	765	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0	253	0	759
Stage 1	0	-	-	0	-	0	767	0	-
Stage 2	0	-	-	0	-	0	459	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	253	0	759
Mov Cap-2 Maneuver	-	-	-	-	-	-	253	0	-
Stage 1	-	-	-	-	-	-	767	0	-
Stage 2	-	-	-	-	-	-	459	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	25.3
HCM LOS			D

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	253	759
HCM Lane V/C Ratio	-	-	-	0.119	0.795
HCM Control Delay (s)	-	-	-	21.1	25.5
HCM Lane LOS	-	-	-	C	D
HCM 95th %tile Q(veh)	-	-	-	0.4	8.2

Intersection	
Int Delay, s/veh	6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	64	0	0	496	28	215	0	465	0	0	0
Future Vol, veh/h	0	64	0	0	496	28	215	0	465	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	71	0	0	551	31	239	0	517	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	622	-	-
Stage 1	-	-	-	-	-	-	71	-	-
Stage 2	-	-	-	-	-	-	551	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	450	0	0
Stage 1	0	-	0	0	-	0	952	0	0
Stage 2	0	-	0	0	-	0	577	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	450	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	450	0	-
Stage 1	-	-	-	-	-	-	952	0	-
Stage 2	-	-	-	-	-	-	577	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	21.7
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	450	-	-	-
HCM Lane V/C Ratio	0.531	-	-	-
HCM Control Delay (s)	21.7	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	3	-	-	-

Intersection	
Int Delay, s/veh	3.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	342	265	0	350	0	0	0	0	27	0	252
Future Vol, veh/h	0	342	265	0	350	0	0	0	0	27	0	252
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	380	294	0	389	0	0	0	0	30	0	280

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				916	-	389
Stage 1	-	-	-	-	-	-				389	-	-
Stage 2	-	-	-	-	-	-				527	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				302	0	659
Stage 1	0	-	-	0	-	0				685	0	-
Stage 2	0	-	-	0	-	0				592	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				302	0	659
Mov Cap-2 Maneuver	-	-	-	-	-	-				302	0	-
Stage 1	-	-	-	-	-	-				685	0	-
Stage 2	-	-	-	-	-	-				592	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	14.8
HCM LOS			B

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	302	659
HCM Lane V/C Ratio	-	-	-	0.099	0.425
HCM Control Delay (s)	-	-	-	18.2	14.4
HCM Lane LOS	-	-	-	C	B
HCM 95th %tile Q(veh)	-	-	-	0.3	2.1

Intersection	
Int Delay, s/veh	7.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	107	0	0	327	25	269	0	249	0	0	0
Future Vol, veh/h	0	107	0	0	327	25	269	0	249	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	119	0	0	363	28	299	0	277	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	482	-	-
Stage 1	-	-	-	-	-	-	119	-	-
Stage 2	-	-	-	-	-	-	363	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	543	0	0
Stage 1	0	-	0	0	-	0	906	0	0
Stage 2	0	-	0	0	-	0	704	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	543	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	543	0	-
Stage 1	-	-	-	-	-	-	906	0	-
Stage 2	-	-	-	-	-	-	704	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	19.4
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	543	-	-	-
HCM Lane V/C Ratio	0.55	-	-	-
HCM Control Delay (s)	19.4	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	3.3	-	-	-

Intersection	
Int Delay, s/veh	8.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	551	232	0	268	0	0	0	0	27	0	519
Future Vol, veh/h	0	551	232	0	268	0	0	0	0	27	0	519
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	612	258	0	298	0	0	0	0	30	0	577

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				1039	-	298
Stage 1	-	-	-	-	-	-				298	-	-
Stage 2	-	-	-	-	-	-				741	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				255	0	741
Stage 1	0	-	-	0	-	0				753	0	-
Stage 2	0	-	-	0	-	0				471	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				255	0	741
Mov Cap-2 Maneuver	-	-	-	-	-	-				255	0	-
Stage 1	-	-	-	-	-	-				753	0	-
Stage 2	-	-	-	-	-	-				471	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	24.5
HCM LOS			C

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	255	741
HCM Lane V/C Ratio	-	-	-	0.118	0.778
HCM Control Delay (s)	-	-	-	21	24.7
HCM Lane LOS	-	-	-	C	C
HCM 95th %tile Q(veh)	-	-	-	0.4	7.7

Intersection	
Int Delay, s/veh	6.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑			↑	↱	↰		↱			
Traffic Vol, veh/h	0	63	0	0	501	27	232	0	472	0	0	0
Future Vol, veh/h	0	63	0	0	501	27	232	0	472	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	70	0	0	557	30	258	0	524	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	627	-	-
Stage 1	-	-	-	-	-	-	70	-	-
Stage 2	-	-	-	-	-	-	557	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	447	0	0
Stage 1	0	-	0	0	-	0	953	0	0
Stage 2	0	-	0	0	-	0	574	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	447	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	447	0	-
Stage 1	-	-	-	-	-	-	953	0	-
Stage 2	-	-	-	-	-	-	574	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	23.5
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	447	-	-	-
HCM Lane V/C Ratio	0.577	-	-	-
HCM Control Delay (s)	23.5	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	3.6	-	-	-

Intersection	
Int Delay, s/veh	3.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	344	246	0	322	0	0	0	0	29	0	262
Future Vol, veh/h	0	344	246	0	322	0	0	0	0	29	0	262
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	382	273	0	358	0	0	0	0	32	0	291

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				877	-	358
Stage 1	-	-	-	-	-	-				358	-	-
Stage 2	-	-	-	-	-	-				519	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				319	0	686
Stage 1	0	-	-	0	-	0				707	0	-
Stage 2	0	-	-	0	-	0				597	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				319	0	686
Mov Cap-2 Maneuver	-	-	-	-	-	-				319	0	-
Stage 1	-	-	-	-	-	-				707	0	-
Stage 2	-	-	-	-	-	-				597	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	14.4
HCM LOS			B

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	319	686
HCM Lane V/C Ratio	-	-	-	0.101	0.424
HCM Control Delay (s)	-	-	-	17.5	14.1
HCM Lane LOS	-	-	-	C	B
HCM 95th %tile Q(veh)	-	-	-	0.3	2.1

Intersection	
Int Delay, s/veh	6.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	99	0	0	312	29	252	0	238	0	0	0
Future Vol, veh/h	0	99	0	0	312	29	252	0	238	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	110	0	0	347	32	280	0	264	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	457	-	-
Stage 1	-	-	-	-	-	-	110	-	-
Stage 2	-	-	-	-	-	-	347	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	562	0	0
Stage 1	0	-	0	0	-	0	915	0	0
Stage 2	0	-	0	0	-	0	716	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	562	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	562	0	-
Stage 1	-	-	-	-	-	-	915	0	-
Stage 2	-	-	-	-	-	-	716	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	17.6
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	562	-	-	-
HCM Lane V/C Ratio	0.498	-	-	-
HCM Control Delay (s)	17.6	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	2.8	-	-	-

Intersection	
Int Delay, s/veh	7.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	544	185	0	221	0	0	0	0	31	0	508
Future Vol, veh/h	0	544	185	0	221	0	0	0	0	31	0	508
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	604	206	0	246	0	0	0	0	34	0	564

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	-	0	0	-	-	0	953	-	246
Stage 1	-	-	-	-	-	-	246	-	-
Stage 2	-	-	-	-	-	-	707	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0	287	0	793
Stage 1	0	-	-	0	-	0	795	0	-
Stage 2	0	-	-	0	-	0	489	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	287	0	793
Mov Cap-2 Maneuver	-	-	-	-	-	-	287	0	-
Stage 1	-	-	-	-	-	-	795	0	-
Stage 2	-	-	-	-	-	-	489	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	19.9
HCM LOS			C

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	287	793
HCM Lane V/C Ratio	-	-	-	0.12	0.712
HCM Control Delay (s)	-	-	-	19.2	19.9
HCM Lane LOS	-	-	-	C	C
HCM 95th %tile Q(veh)	-	-	-	0.4	6.1

Intersection	
Int Delay, s/veh	5.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	60	0	0	494	35	192	0	477	0	0	0
Future Vol, veh/h	0	60	0	0	494	35	192	0	477	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	67	0	0	549	39	213	0	530	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	616	-	-
Stage 1	-	-	-	-	-	-	67	-	-
Stage 2	-	-	-	-	-	-	549	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	454	0	0
Stage 1	0	-	0	0	-	0	956	0	0
Stage 2	0	-	0	0	-	0	579	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	454	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	454	0	-
Stage 1	-	-	-	-	-	-	956	0	-
Stage 2	-	-	-	-	-	-	579	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	19.8
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	454	-	-	-
HCM Lane V/C Ratio	0.47	-	-	-
HCM Control Delay (s)	19.8	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	2.5	-	-	-

Intersection	
Int Delay, s/veh	3.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	345	244	0	319	0	0	0	0	29	0	264
Future Vol, veh/h	0	345	244	0	319	0	0	0	0	29	0	264
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	383	271	0	354	0	0	0	0	32	0	293

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				873	-	354
Stage 1	-	-	-	-	-	-				354	-	-
Stage 2	-	-	-	-	-	-				519	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				321	0	690
Stage 1	0	-	-	0	-	0				710	0	-
Stage 2	0	-	-	0	-	0				597	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				321	0	690
Mov Cap-2 Maneuver	-	-	-	-	-	-				321	0	-
Stage 1	-	-	-	-	-	-				710	0	-
Stage 2	-	-	-	-	-	-				597	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	14.3
HCM LOS			B

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	321	690
HCM Lane V/C Ratio	-	-	-	0.1	0.425
HCM Control Delay (s)	-	-	-	17.5	14
HCM Lane LOS	-	-	-	C	B
HCM 95th %tile Q(veh)	-	-	-	0.3	2.1

Intersection	
Int Delay, s/veh	6.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	99	0	0	324	29	247	0	247	0	0	0
Future Vol, veh/h	0	99	0	0	324	29	247	0	247	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	110	0	0	360	32	274	0	274	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	470	-	-
Stage 1	-	-	-	-	-	-	110	-	-
Stage 2	-	-	-	-	-	-	360	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	552	0	0
Stage 1	0	-	0	0	-	0	915	0	0
Stage 2	0	-	0	0	-	0	706	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	552	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	552	0	-
Stage 1	-	-	-	-	-	-	915	0	-
Stage 2	-	-	-	-	-	-	706	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	17.8
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	552	-	-	-
HCM Lane V/C Ratio	0.497	-	-	-
HCM Control Delay (s)	17.8	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	2.7	-	-	-

Intersection	
Int Delay, s/veh	6.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	511	211	0	239	0	0	0	0	31	0	483
Future Vol, veh/h	0	511	211	0	239	0	0	0	0	31	0	483
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	568	234	0	266	0	0	0	0	34	0	537

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				951	-	266
Stage 1	-	-	-	-	-	-				266	-	-
Stage 2	-	-	-	-	-	-				685	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				288	0	773
Stage 1	0	-	-	0	-	0				779	0	-
Stage 2	0	-	-	0	-	0				500	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				288	0	773
Mov Cap-2 Maneuver	-	-	-	-	-	-				288	0	-
Stage 1	-	-	-	-	-	-				779	0	-
Stage 2	-	-	-	-	-	-				500	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	19.5
HCM LOS			C

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	288	773
HCM Lane V/C Ratio	-	-	-	0.12	0.694
HCM Control Delay (s)	-	-	-	19.2	19.5
HCM Lane LOS	-	-	-	C	C
HCM 95th %tile Q(veh)	-	-	-	0.4	5.7

Intersection	
Int Delay, s/veh	5.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	60	0	0	504	34	211	0	479	0	0	0
Future Vol, veh/h	0	60	0	0	504	34	211	0	479	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	67	0	0	560	38	234	0	532	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	627	-	-
Stage 1	-	-	-	-	-	-	67	-	-
Stage 2	-	-	-	-	-	-	560	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	447	0	0
Stage 1	0	-	0	0	-	0	956	0	0
Stage 2	0	-	0	0	-	0	572	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	447	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	447	0	-
Stage 1	-	-	-	-	-	-	956	0	-
Stage 2	-	-	-	-	-	-	572	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	21.6
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	447	-	-	-
HCM Lane V/C Ratio	0.524	-	-	-
HCM Control Delay (s)	21.6	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	3	-	-	-

Intersection												
Int Delay, s/veh	3											
Movement	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**
Lane Configurations												
Traffic Vol, veh/h	0	318	246	0	338	0	0	0	0	24	0	225
Future Vol, veh/h	0	318	246	0	338	0	0	0	0	24	0	225
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	353	273	0	376	0	0	0	0	27	0	250

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				866	-	376
Stage 1	-	-	-	-	-	-				376	-	-
Stage 2	-	-	-	-	-	-				490	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				324	0	670
Stage 1	0	-	-	0	-	0				694	0	-
Stage 2	0	-	-	0	-	0				616	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				324	0	670
Mov Cap-2 Maneuver	-	-	-	-	-	-				324	0	-
Stage 1	-	-	-	-	-	-				694	0	-
Stage 2	-	-	-	-	-	-				616	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	13.8
HCM LOS			B

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	324	670
HCM Lane V/C Ratio	-	-	-	0.082	0.373
HCM Control Delay (s)	-	-	-	17.1	13.5
HCM Lane LOS	-	-	-	C	B
HCM 95th %tile Q(veh)	-	-	-	0.3	1.7

Intersection	
Int Delay, s/veh	6.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	112	0	0	305	24	258	0	231	0	0	0
Future Vol, veh/h	0	112	0	0	305	24	258	0	231	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	124	0	0	339	27	287	0	257	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	463	-	-
Stage 1	-	-	-	-	-	-	124	-	-
Stage 2	-	-	-	-	-	-	339	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	557	0	0
Stage 1	0	-	0	0	-	0	902	0	0
Stage 2	0	-	0	0	-	0	722	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	557	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	557	0	-
Stage 1	-	-	-	-	-	-	902	0	-
Stage 2	-	-	-	-	-	-	722	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	18.1
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	557	-	-	-
HCM Lane V/C Ratio	0.515	-	-	-
HCM Control Delay (s)	18.1	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	2.9	-	-	-

Intersection	
Int Delay, s/veh	7.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	541	188	0	221	0	0	0	0	21	0	514
Future Vol, veh/h	0	541	188	0	221	0	0	0	0	21	0	514
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	601	209	0	246	0	0	0	0	23	0	571

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				952	-	246
Stage 1	-	-	-	-	-	-				246	-	-
Stage 2	-	-	-	-	-	-				706	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				288	0	793
Stage 1	0	-	-	0	-	0				795	0	-
Stage 2	0	-	-	0	-	0				489	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				288	0	793
Mov Cap-2 Maneuver	-	-	-	-	-	-				288	0	-
Stage 1	-	-	-	-	-	-				795	0	-
Stage 2	-	-	-	-	-	-				489	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	20.2
HCM LOS			C

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	288	793
HCM Lane V/C Ratio	-	-	-	0.081	0.72
HCM Control Delay (s)	-	-	-	18.6	20.3
HCM Lane LOS	-	-	-	C	C
HCM 95th %tile Q(veh)	-	-	-	0.3	6.3

Intersection	
Int Delay, s/veh	5.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	49	0	0	503	21	193	0	453	0	0	0
Future Vol, veh/h	0	49	0	0	503	21	193	0	453	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	54	0	0	559	23	214	0	503	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	613	-	-
Stage 1	-	-	-	-	-	-	54	-	-
Stage 2	-	-	-	-	-	-	559	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	456	0	0
Stage 1	0	-	0	0	-	0	969	0	0
Stage 2	0	-	0	0	-	0	572	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	456	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	456	0	-
Stage 1	-	-	-	-	-	-	969	0	-
Stage 2	-	-	-	-	-	-	572	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	19.7
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	456	-	-	-
HCM Lane V/C Ratio	0.47	-	-	-
HCM Control Delay (s)	19.7	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	2.5	-	-	-

Intersection	
Int Delay, s/veh	3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	318	246	0	334	0	0	0	0	23	0	224
Future Vol, veh/h	0	318	246	0	334	0	0	0	0	23	0	224
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	353	273	0	371	0	0	0	0	26	0	249

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	-	-	0				861	-	371
Stage 1	-	-	-	-	-	-				371	-	-
Stage 2	-	-	-	-	-	-				490	-	-
Critical Hdwy	-	-	-	-	-	-				6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-				5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-				3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0				326	0	675
Stage 1	0	-	-	0	-	0				698	0	-
Stage 2	0	-	-	0	-	0				616	0	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	-	-	-				326	0	675
Mov Cap-2 Maneuver	-	-	-	-	-	-				326	0	-
Stage 1	-	-	-	-	-	-				698	0	-
Stage 2	-	-	-	-	-	-				616	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	13.7
HCM LOS			B

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	326	675
HCM Lane V/C Ratio	-	-	-	0.078	0.369
HCM Control Delay (s)	-	-	-	17	13.4
HCM Lane LOS	-	-	-	C	B
HCM 95th %tile Q(veh)	-	-	-	0.3	1.7

Intersection	
Int Delay, s/veh	6.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	111	0	0	322	24	248	0	241	0	0	0
Future Vol, veh/h	0	111	0	0	322	24	248	0	241	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	123	0	0	358	27	276	0	268	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	481	-	-
Stage 1	-	-	-	-	-	-	123	-	-
Stage 2	-	-	-	-	-	-	358	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	544	0	0
Stage 1	0	-	0	0	-	0	902	0	0
Stage 2	0	-	0	0	-	0	707	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	544	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	544	0	-
Stage 1	-	-	-	-	-	-	902	0	-
Stage 2	-	-	-	-	-	-	707	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	18.2
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	544	-	-	-
HCM Lane V/C Ratio	0.507	-	-	-
HCM Control Delay (s)	18.2	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	2.8	-	-	-

Intersection	
Int Delay, s/veh	6.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	513	213	0	241	0	0	0	0	20	0	489
Future Vol, veh/h	0	513	213	0	241	0	0	0	0	20	0	489
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	225	-	-	-	-	-	-	0	-	250
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	570	237	0	268	0	0	0	0	22	0	543

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	-	0	0	-	-	0	957	-	268
Stage 1	-	-	-	-	-	-	268	-	-
Stage 2	-	-	-	-	-	-	689	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	3.318
Pot Cap-1 Maneuver	0	-	-	0	-	0	286	0	771
Stage 1	0	-	-	0	-	0	777	0	-
Stage 2	0	-	-	0	-	0	498	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	286	0	771
Mov Cap-2 Maneuver	-	-	-	-	-	-	286	0	-
Stage 1	-	-	-	-	-	-	777	0	-
Stage 2	-	-	-	-	-	-	498	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	19.9
HCM LOS			C

Minor Lane/Major Mvmt	EBT	EBR	WBT	SBLn1	SBLn2
Capacity (veh/h)	-	-	-	286	771
HCM Lane V/C Ratio	-	-	-	0.078	0.705
HCM Control Delay (s)	-	-	-	18.6	20
HCM Lane LOS	-	-	-	C	C
HCM 95th %tile Q(veh)	-	-	-	0.3	5.9

Intersection	
Int Delay, s/veh	5.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	48	0	0	504	21	213	0	456	0	0	0
Future Vol, veh/h	0	48	0	0	504	21	213	0	456	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Free	Free	Free
RT Channelized	-	-	None	-	-	Free	-	-	Free	-	-	None
Storage Length	-	-	-	-	-	165	0	-	250	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	53	0	0	560	23	237	0	507	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	-	-	-	0	613	-	-
Stage 1	-	-	-	-	-	-	53	-	-
Stage 2	-	-	-	-	-	-	560	-	-
Critical Hdwy	-	-	-	-	-	-	6.42	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	-	-
Follow-up Hdwy	-	-	-	-	-	-	3.518	-	-
Pot Cap-1 Maneuver	0	-	0	0	-	0	456	0	0
Stage 1	0	-	0	0	-	0	970	0	0
Stage 2	0	-	0	0	-	0	572	0	0
Platoon blocked, %		-			-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	456	0	-
Mov Cap-2 Maneuver	-	-	-	-	-	-	456	0	-
Stage 1	-	-	-	-	-	-	970	0	-
Stage 2	-	-	-	-	-	-	572	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	21.1
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	WBT
Capacity (veh/h)	456	-	-	-
HCM Lane V/C Ratio	0.519	-	-	-
HCM Control Delay (s)	21.1	0	-	-
HCM Lane LOS	C	A	-	-
HCM 95th %tile Q(veh)	2.9	-	-	-

Appendix H—US 701 ParClo 2 Analysis Results

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	60	0	0	0	0	124	493	0	561	0
Future Vol, veh/h	0	0	60	0	0	0	0	124	493	0	561	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	Free	-	-	None
Storage Length	350	-	0	-	-	-	-	-	225	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	67	0	0	0	0	138	548	0	623	0

Major/Minor	Minor2			Major1			Major2		
Conflicting Flow All	761	-	623	-	0	-	-	-	0
Stage 1	623	-	-	-	-	-	-	-	-
Stage 2	138	-	-	-	-	-	-	-	-
Critical Hdwy	6.42	-	6.22	-	-	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	-	3.318	-	-	-	-	-	-
Pot Cap-1 Maneuver	373	0	486	0	-	0	0	-	0
Stage 1	535	0	-	0	-	0	0	-	0
Stage 2	889	0	-	0	-	0	0	-	0
Platoon blocked, %					-			-	
Mov Cap-1 Maneuver	373	0	486	-	-	-	-	-	-
Mov Cap-2 Maneuver	373	0	-	-	-	-	-	-	-
Stage 1	535	0	-	-	-	-	-	-	-
Stage 2	889	0	-	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	13.6	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT
Capacity (veh/h)	-	-	486	-
HCM Lane V/C Ratio	-	-	0.137	-
HCM Control Delay (s)	-	0	13.6	-
HCM Lane LOS	-	A	B	-
HCM 95th %tile Q(veh)	-	-	0.5	-

Intersection	
Int Delay, s/veh	4.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	259	0	0	0	0	260	425	0	430	0
Future Vol, veh/h	0	0	259	0	0	0	0	260	425	0	430	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	Free	-	-	None
Storage Length	350	-	0	-	-	-	-	-	225	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	288	0	0	0	0	289	472	0	478	0

Major/Minor	Minor2			Major1			Major2		
Conflicting Flow All	767	-	478	-	0	-	-	-	0
Stage 1	478	-	-	-	-	-	-	-	-
Stage 2	289	-	-	-	-	-	-	-	-
Critical Hdwy	6.42	-	6.22	-	-	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	-	3.318	-	-	-	-	-	-
Pot Cap-1 Maneuver	370	0	587	0	-	0	0	-	0
Stage 1	624	0	-	0	-	0	0	-	0
Stage 2	760	0	-	0	-	0	0	-	0
Platoon blocked, %					-			-	
Mov Cap-1 Maneuver	370	0	587	-	-	-	-	-	-
Mov Cap-2 Maneuver	370	0	-	-	-	-	-	-	-
Stage 1	624	0	-	-	-	-	-	-	-
Stage 2	760	0	-	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	16.9	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT
Capacity (veh/h)	-	-	587	-
HCM Lane V/C Ratio	-	-	0.49	-
HCM Control Delay (s)	-	0	16.9	-
HCM Lane LOS	-	A	C	-
HCM 95th %tile Q(veh)	-	-	2.7	-

Intersection												
Int Delay, s/veh	3.2											
Movement	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**
Lane Configurations												
Traffic Vol, veh/h	0	0	181	0	0	0	0	207	475	0	505	0
Future Vol, veh/h	0	0	181	0	0	0	0	207	475	0	505	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	Free	-	-	None
Storage Length	350	-	0	-	-	-	-	-	225	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	201	0	0	0	0	230	528	0	561	0
Major/Minor	**Minor2**						**Major1**			**Major2**		
Conflicting Flow All	791	-	561				-	0	-	-	-	0
Stage 1	561	-	-				-	-	-	-	-	-
Stage 2	230	-	-				-	-	-	-	-	-
Critical Hdwy	6.42	-	6.22				-	-	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-				-	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-				-	-	-	-	-	-
Follow-up Hdwy	3.518	-	3.318				-	-	-	-	-	-
Pot Cap-1 Maneuver	358	0	527				0	-	0	0	-	0
Stage 1	571	0	-				0	-	0	0	-	0
Stage 2	808	0	-				0	-	0	0	-	0
Platoon blocked, %								-			-	
Mov Cap-1 Maneuver	358	0	527				-	-	-	-	-	-
Mov Cap-2 Maneuver	358	0	-				-	-	-	-	-	-
Stage 1	571	0	-				-	-	-	-	-	-
Stage 2	808	0	-				-	-	-	-	-	-
Approach	**EB**						**NB**			**SB**		
HCM Control Delay, s	16						0			0		
HCM LOS	C											

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT
Capacity (veh/h)	-	-	527	-
HCM Lane V/C Ratio	-	-	0.382	-
HCM Control Delay (s)	-	0	16	-
HCM Lane LOS	-	A	C	-
HCM 95th %tile Q(veh)	-	-	1.8	-

Intersection												
Int Delay, s/veh	5											
Movement	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**
Lane Configurations												
Traffic Vol, veh/h	0	0	285	0	0	0	0	301	407	0	423	0
Future Vol, veh/h	0	0	285	0	0	0	0	301	407	0	423	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	Free	-	-	None
Storage Length	350	-	0	-	-	-	-	-	225	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	317	0	0	0	0	334	452	0	470	0

Major/Minor	Minor2						Major1			Major2		
Conflicting Flow All	804	-	470				-	0	-	-	-	0
Stage 1	470	-	-				-	-	-	-	-	-
Stage 2	334	-	-				-	-	-	-	-	-
Critical Hdwy	6.42	-	6.22				-	-	-	-	-	-
Critical Hdwy Stg 1	5.42	-	-				-	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-				-	-	-	-	-	-
Follow-up Hdwy	3.518	-	3.318				-	-	-	-	-	-
Pot Cap-1 Maneuver	352	0	594				0	-	0	0	-	0
Stage 1	629	0	-				0	-	0	0	-	0
Stage 2	725	0	-				0	-	0	0	-	0
Platoon blocked, %								-			-	
Mov Cap-1 Maneuver	352	0	594				-	-	-	-	-	-
Mov Cap-2 Maneuver	352	0	-				-	-	-	-	-	-
Stage 1	629	0	-				-	-	-	-	-	-
Stage 2	725	0	-				-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	17.8	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	EBLn2	SBT
Capacity (veh/h)	-	-	594	-
HCM Lane V/C Ratio	-	-	0.533	-
HCM Control Delay (s)	-	0	17.8	-
HCM Lane LOS	-	A	C	-
HCM 95th %tile Q(veh)	-	-	3.1	-

Appendix I—US 378 Interchange Analysis Results

Intersection	
Int Delay, s/veh	2.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	336	174	46	420	0	0	0	0	28	0	118
Future Vol, veh/h	0	336	174	46	420	0	0	0	0	28	0	118
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	373	193	51	467	0	0	0	0	31	0	131

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	566	0	0				1039	1135	234
Stage 1	-	-	-	-	-	-				569	569	-
Stage 2	-	-	-	-	-	-				470	566	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	1004	-	0				240	202	769
Stage 1	0	-	-	-	-	0				531	505	-
Stage 2	0	-	-	-	-	0				628	507	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1004	-	-				228	0	769
Mov Cap-2 Maneuver	-	-	-	-	-	-				228	0	-
Stage 1	-	-	-	-	-	-				531	0	-
Stage 2	-	-	-	-	-	-				596	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0.9	14.8
HCM LOS			B

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	1004	-	529
HCM Lane V/C Ratio	-	-	0.051	-	0.307
HCM Control Delay (s)	-	-	8.8	-	14.8
HCM Lane LOS	-	-	A	-	B
HCM 95th %tile Q(veh)	-	-	0.2	-	1.3

Intersection	
Int Delay, s/veh	4.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	339	250	138	460	0	0	0	0	41	0	113
Future Vol, veh/h	0	339	250	138	460	0	0	0	0	41	0	113
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	377	278	153	511	0	0	0	0	46	0	126

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	655	0	0				1333	1472	256
Stage 1	-	-	-	-	-	-				817	817	-
Stage 2	-	-	-	-	-	-				516	655	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	930	-	0				157	126	744
Stage 1	0	-	-	-	-	0				396	389	-
Stage 2	0	-	-	-	-	0				598	462	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	930	-	-				131	0	744
Mov Cap-2 Maneuver	-	-	-	-	-	-				131	0	-
Stage 1	-	-	-	-	-	-				396	0	-
Stage 2	-	-	-	-	-	-				499	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	2.2	27
HCM LOS			D

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	930	-	331
HCM Lane V/C Ratio	-	-	0.165	-	0.517
HCM Control Delay (s)	-	-	9.6	-	27
HCM Lane LOS	-	-	A	-	D
HCM 95th %tile Q(veh)	-	-	0.6	-	2.8

Intersection	
Int Delay, s/veh	2.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	335	175	48	420	0	0	0	0	28	0	118
Future Vol, veh/h	0	335	175	48	420	0	0	0	0	28	0	118
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	372	194	53	467	0	0	0	0	31	0	131

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	566	0	0				1042	1139	234
Stage 1	-	-	-	-	-	-				573	573	-
Stage 2	-	-	-	-	-	-				469	566	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	1004	-	0				239	201	769
Stage 1	0	-	-	-	-	0				528	503	-
Stage 2	0	-	-	-	-	0				629	507	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1004	-	-				226	0	769
Mov Cap-2 Maneuver	-	-	-	-	-	-				226	0	-
Stage 1	-	-	-	-	-	-				528	0	-
Stage 2	-	-	-	-	-	-				596	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0.9	14.9
HCM LOS			B

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	1004	-	526
HCM Lane V/C Ratio	-	-	0.053	-	0.308
HCM Control Delay (s)	-	-	8.8	-	14.9
HCM Lane LOS	-	-	A	-	B
HCM 95th %tile Q(veh)	-	-	0.2	-	1.3

Intersection	
Int Delay, s/veh	4.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	340	251	144	447	0	0	0	0	45	0	128
Future Vol, veh/h	0	340	251	144	447	0	0	0	0	45	0	128
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	378	279	160	497	0	0	0	0	50	0	142

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	657	0	0				1335	1474	249
Stage 1	-	-	-	-	-	-				817	817	-
Stage 2	-	-	-	-	-	-				518	657	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	928	-	0				157	126	752
Stage 1	0	-	-	-	-	0				396	389	-
Stage 2	0	-	-	-	-	0				597	461	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	928	-	-				130	0	752
Mov Cap-2 Maneuver	-	-	-	-	-	-				130	0	-
Stage 1	-	-	-	-	-	-				396	0	-
Stage 2	-	-	-	-	-	-				494	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	2.4	29.3
HCM LOS			D

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	928	-	335
HCM Lane V/C Ratio	-	-	0.172	-	0.574
HCM Control Delay (s)	-	-	9.7	-	29.3
HCM Lane LOS	-	-	A	-	D
HCM 95th %tile Q(veh)	-	-	0.6	-	3.4

Intersection	
Int Delay, s/veh	3.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	351	171	65	472	0	0	0	0	59	0	80
Future Vol, veh/h	0	351	171	65	472	0	0	0	0	59	0	80
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	390	190	72	524	0	0	0	0	66	0	89

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	580	0	0				1153	1248	262
Stage 1	-	-	-	-	-	-				668	668	-
Stage 2	-	-	-	-	-	-				485	580	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	992	-	0				204	173	737
Stage 1	0	-	-	-	-	0				472	455	-
Stage 2	0	-	-	-	-	0				618	499	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	992	-	-				189	0	737
Mov Cap-2 Maneuver	-	-	-	-	-	-				189	0	-
Stage 1	-	-	-	-	-	-				472	0	-
Stage 2	-	-	-	-	-	-				573	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	1.1	25.2
HCM LOS			D

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	992	-	330
HCM Lane V/C Ratio	-	-	0.073	-	0.468
HCM Control Delay (s)	-	-	8.9	-	25.2
HCM Lane LOS	-	-	A	-	D
HCM 95th %tile Q(veh)	-	-	0.2	-	2.4

Intersection												
Int Delay, s/veh	18.9											
Movement	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**
Lane Configurations												
Traffic Vol, veh/h	0	366	239	161	518	0	0	0	0	90	0	81
Future Vol, veh/h	0	366	239	161	518	0	0	0	0	90	0	81
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	407	266	179	576	0	0	0	0	100	0	90

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	673	0	0				1474	1607	288
Stage 1	-	-	-	-	-	-				934	934	-
Stage 2	-	-	-	-	-	-				540	673	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	916	-	0				128	104	709
Stage 1	0	-	-	-	-	0				344	344	-
Stage 2	0	-	-	-	-	0				583	453	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	916	-	-				103	0	709
Mov Cap-2 Maneuver	-	-	-	-	-	-				103	0	-
Stage 1	-	-	-	-	-	-				344	0	-
Stage 2	-	-	-	-	-	-				469	0	-
Approach	**EB**			**WB**						**SB**		
HCM Control Delay, s	0			2.3						151.7		
HCM LOS										F		

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	916	-	173
HCM Lane V/C Ratio	-	-	0.195	-	1.098
HCM Control Delay (s)	-	-	9.9	-	151.7
HCM Lane LOS	-	-	A	-	F
HCM 95th %tile Q(veh)	-	-	0.7	-	9.6

Intersection	
Int Delay, s/veh	3.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	349	174	67	473	0	0	0	0	59	0	80
Future Vol, veh/h	0	349	174	67	473	0	0	0	0	59	0	80
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	388	193	74	526	0	0	0	0	66	0	89

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	581	0	0				1159	1255	263
Stage 1	-	-	-	-	-	-				674	674	-
Stage 2	-	-	-	-	-	-				485	581	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	991	-	0				202	171	736
Stage 1	0	-	-	-	-	0				469	453	-
Stage 2	0	-	-	-	-	0				618	499	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	991	-	-				187	0	736
Mov Cap-2 Maneuver	-	-	-	-	-	-				187	0	-
Stage 1	-	-	-	-	-	-				469	0	-
Stage 2	-	-	-	-	-	-				572	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	1.1	25.4
HCM LOS			D

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	991	-	328
HCM Lane V/C Ratio	-	-	0.075	-	0.471
HCM Control Delay (s)	-	-	8.9	-	25.4
HCM Lane LOS	-	-	A	-	D
HCM 95th %tile Q(veh)	-	-	0.2	-	2.4

Intersection	
Int Delay, s/veh	20.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	365	243	162	501	0	0	0	0	91	0	97
Future Vol, veh/h	0	365	243	162	501	0	0	0	0	91	0	97
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	406	270	180	557	0	0	0	0	101	0	108

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	676	0	0				1458	1593	279
Stage 1	-	-	-	-	-	-				917	917	-
Stage 2	-	-	-	-	-	-				541	676	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	913	-	0				131	107	719
Stage 1	0	-	-	-	-	0				351	350	-
Stage 2	0	-	-	-	-	0				582	452	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	913	-	-				105	0	719
Mov Cap-2 Maneuver	-	-	-	-	-	-				105	0	-
Stage 1	-	-	-	-	-	-				351	0	-
Stage 2	-	-	-	-	-	-				467	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	2.4	150.1
HCM LOS			F

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	913	-	188
HCM Lane V/C Ratio	-	-	0.197	-	1.111
HCM Control Delay (s)	-	-	9.9	-	150.1
HCM Lane LOS	-	-	A	-	F
HCM 95th %tile Q(veh)	-	-	0.7	-	10.3

Intersection	
Int Delay, s/veh	21.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	205	350	44	540	0	0	0	0	186	0	44
Future Vol, veh/h	0	205	350	44	540	0	0	0	0	186	0	44
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	228	389	49	600	0	0	0	0	207	0	49

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	617	0	0				1121	1315	300
Stage 1	-	-	-	-	-	-				698	698	-
Stage 2	-	-	-	-	-	-				423	617	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	961	-	0				214	157	697
Stage 1	0	-	-	-	-	0				456	441	-
Stage 2	0	-	-	-	-	0				660	480	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	961	-	-				~ 203	0	697
Mov Cap-2 Maneuver	-	-	-	-	-	-				~ 203	0	-
Stage 1	-	-	-	-	-	-				456	0	-
Stage 2	-	-	-	-	-	-				626	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0.7	128.8
HCM LOS			F

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	961	-	235
HCM Lane V/C Ratio	-	-	0.051	-	1.087
HCM Control Delay (s)	-	-	8.9	-	128.8
HCM Lane LOS	-	-	A	-	F
HCM 95th %tile Q(veh)	-	-	0.2	-	11.2

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	353.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	242	391	220	545	0	0	0	0	299	0	97
Future Vol, veh/h	0	242	391	220	545	0	0	0	0	299	0	97
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	269	434	244	606	0	0	0	0	332	0	108

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	703	0	0				1580	1797	303
Stage 1	-	-	-	-	-	-				1094	1094	-
Stage 2	-	-	-	-	-	-				486	703	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	892	-	0				~ 109	80	694
Stage 1	0	-	-	-	-	0				~ 283	289	-
Stage 2	0	-	-	-	-	0				617	439	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	892	-	-				~ 79	0	694
Mov Cap-2 Maneuver	-	-	-	-	-	-				~ 79	0	-
Stage 1	-	-	-	-	-	-				~ 283	0	-
Stage 2	-	-	-	-	-	-				448	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	3	$ 1596
HCM LOS			F

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	892	-	101
HCM Lane V/C Ratio	-	-	0.274	-	4.356
HCM Control Delay (s)	-	-	10.6	-	$ 1596
HCM Lane LOS	-	-	B	-	F
HCM 95th %tile Q(veh)	-	-	1.1	-	46

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	349	326	100	654	0	0	0	0	17	0	55
Future Vol, veh/h	0	349	326	100	654	0	0	0	0	17	0	55
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	388	362	111	727	0	0	0	0	19	0	61

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	750	0	0				1518	1699	364
Stage 1	-	-	-	-	-	-				949	949	-
Stage 2	-	-	-	-	-	-				569	750	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	857	-	0				120	92	634
Stage 1	0	-	-	-	-	0				338	338	-
Stage 2	0	-	-	-	-	0				565	418	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	857	-	-				104	0	634
Mov Cap-2 Maneuver	-	-	-	-	-	-				104	0	-
Stage 1	-	-	-	-	-	-				338	0	-
Stage 2	-	-	-	-	-	-				492	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	1.3	22.2
HCM LOS			C

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	857	-	288
HCM Lane V/C Ratio	-	-	0.13	-	0.278
HCM Control Delay (s)	-	-	9.8	-	22.2
HCM Lane LOS	-	-	A	-	C
HCM 95th %tile Q(veh)	-	-	0.4	-	1.1

Intersection	
Int Delay, s/veh	433.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	268	425	319	649	0	0	0	0	229	0	51
Future Vol, veh/h	0	268	425	319	649	0	0	0	0	229	0	51
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	298	472	354	721	0	0	0	0	254	0	57

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	770	0	0				1963	2199	361
Stage 1	-	-	-	-	-	-				1429	1429	-
Stage 2	-	-	-	-	-	-				534	770	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	842	-	0				~ 62	45	636
Stage 1	0	-	-	-	-	0				~ 188	200	-
Stage 2	0	-	-	-	-	0				587	409	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	842	-	-				~ 36	0	636
Mov Cap-2 Maneuver	-	-	-	-	-	-				~ 36	0	-
Stage 1	-	-	-	-	-	-				~ 188	0	-
Stage 2	-	-	-	-	-	-				340	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	4.1	$ 2988.5
HCM LOS			F

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	842	-	43
HCM Lane V/C Ratio	-	-	0.421	-	7.235
HCM Control Delay (s)	-	-	12.3	$	2988.5
HCM Lane LOS	-	-	B	-	F
HCM 95th %tile Q(veh)	-	-	2.1	-	36.7

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	2.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	537	118	86	575	0	0	0	0	29	0	100
Future Vol, veh/h	0	537	118	86	575	0	0	0	0	29	0	100
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	597	131	96	639	0	0	0	0	32	0	111

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	728	0	0				1494	1559	320
Stage 1	-	-	-	-	-	-				831	831	-
Stage 2	-	-	-	-	-	-				663	728	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	873	-	0				124	112	676
Stage 1	0	-	-	-	-	0				389	384	-
Stage 2	0	-	-	-	-	0				511	428	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	873	-	-				110	0	676
Mov Cap-2 Maneuver	-	-	-	-	-	-				110	0	-
Stage 1	-	-	-	-	-	-				389	0	-
Stage 2	-	-	-	-	-	-				455	0	-

Approach	EB			WB						SB
HCM Control Delay, s	0			1.3						25.9
HCM LOS										D

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	873	-	313
HCM Lane V/C Ratio	-	-	0.109	-	0.458
HCM Control Delay (s)	-	-	9.6	-	25.9
HCM Lane LOS	-	-	A	-	D
HCM 95th %tile Q(veh)	-	-	0.4	-	2.3

Intersection	
Int Delay, s/veh	9.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	461	196	208	605	0	0	0	0	46	0	52
Future Vol, veh/h	0	461	196	208	605	0	0	0	0	46	0	52
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	512	218	231	672	0	0	0	0	51	0	58

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	-	0	0	730	0	0	1755	1864	336
Stage 1	-	-	-	-	-	-	1134	1134	-
Stage 2	-	-	-	-	-	-	621	730	-
Critical Hdwy	-	-	-	4.13	-	-	6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-	5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-	3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	872	-	0	84	72	661
Stage 1	0	-	-	-	-	0	270	277	-
Stage 2	0	-	-	-	-	0	535	427	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	872	-	-	62	0	661
Mov Cap-2 Maneuver	-	-	-	-	-	-	62	0	-
Stage 1	-	-	-	-	-	-	270	0	-
Stage 2	-	-	-	-	-	-	393	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	2.7	129.4
HCM LOS			F

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	872	-	119
HCM Lane V/C Ratio	-	-	0.265	-	0.915
HCM Control Delay (s)	-	-	10.6	-	129.4
HCM Lane LOS	-	-	B	-	F
HCM 95th %tile Q(veh)	-	-	1.1	-	5.8

Intersection	
Int Delay, s/veh	3.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	535	122	88	574	0	0	0	0	32	0	103
Future Vol, veh/h	0	535	122	88	574	0	0	0	0	32	0	103
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	594	136	98	638	0	0	0	0	36	0	114

Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	730	0	0				1496	1564	319
Stage 1	-	-	-	-	-	-				834	834	-
Stage 2	-	-	-	-	-	-				662	730	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	872	-	0				124	111	677
Stage 1	0	-	-	-	-	0				388	382	-
Stage 2	0	-	-	-	-	0				512	427	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	872	-	-				110	0	677
Mov Cap-2 Maneuver	-	-	-	-	-	-				110	0	-
Stage 1	-	-	-	-	-	-				388	0	-
Stage 2	-	-	-	-	-	-				455	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	1.3	27.7
HCM LOS			D

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	872	-	305
HCM Lane V/C Ratio	-	-	0.112	-	0.492
HCM Control Delay (s)	-	-	9.6	-	27.7
HCM Lane LOS	-	-	A	-	D
HCM 95th %tile Q(veh)	-	-	0.4	-	2.6

Intersection	
Int Delay, s/veh	10.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	462	191	214	583	0	0	0	0	47	0	65
Future Vol, veh/h	0	462	191	214	583	0	0	0	0	47	0	65
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	250	175	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	513	212	238	648	0	0	0	0	52	0	72

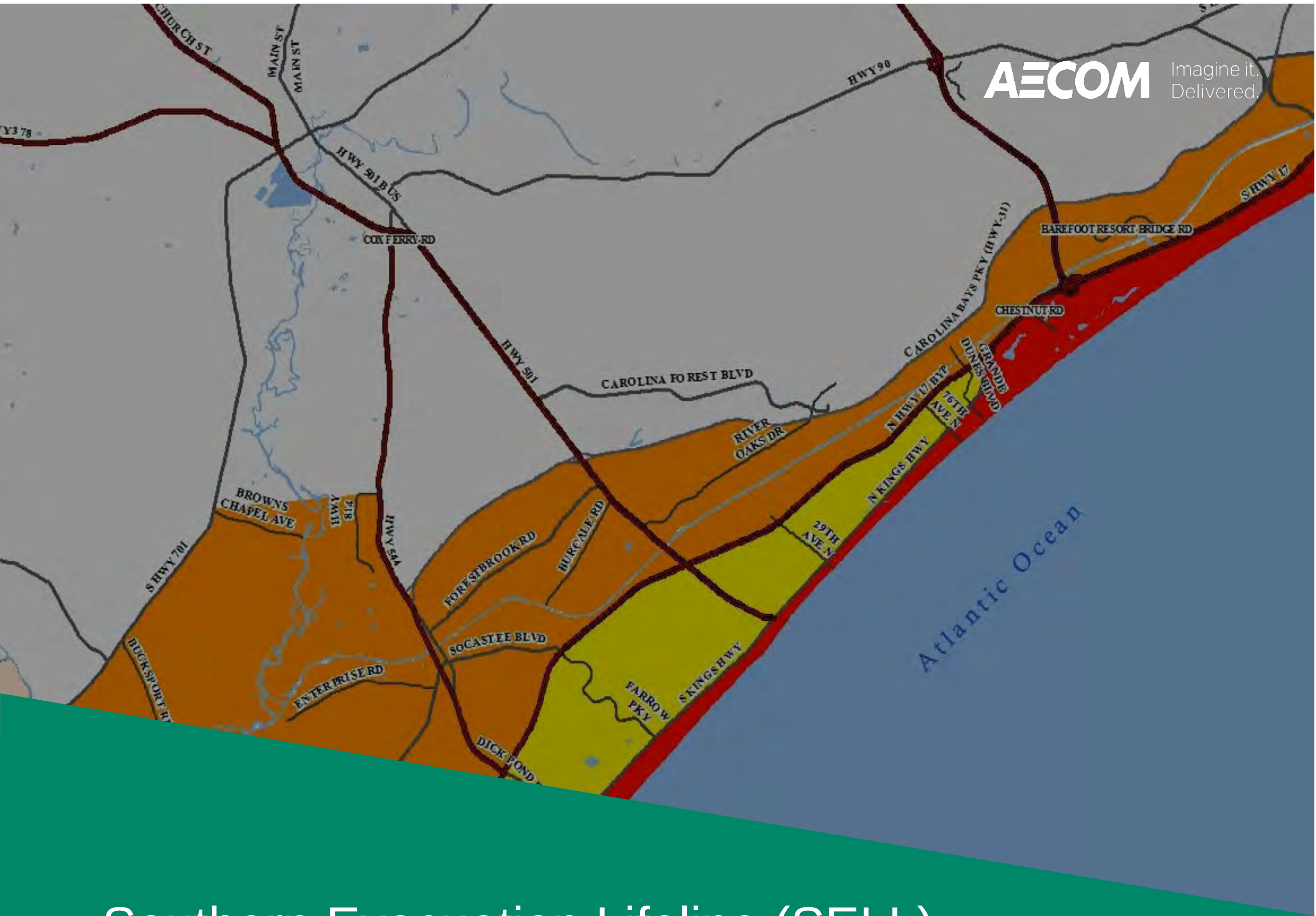
Major/Minor	Major1			Major2						Minor2		
Conflicting Flow All	-	0	0	725	0	0				1743	1849	324
Stage 1	-	-	-	-	-	-				1124	1124	-
Stage 2	-	-	-	-	-	-				619	725	-
Critical Hdwy	-	-	-	4.13	-	-				6.63	6.53	6.93
Critical Hdwy Stg 1	-	-	-	-	-	-				5.83	5.53	-
Critical Hdwy Stg 2	-	-	-	-	-	-				5.43	5.53	-
Follow-up Hdwy	-	-	-	2.219	-	-				3.519	4.019	3.319
Pot Cap-1 Maneuver	0	-	-	876	-	0				86	74	672
Stage 1	0	-	-	-	-	0				273	280	-
Stage 2	0	-	-	-	-	0				536	429	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	876	-	-				63	0	672
Mov Cap-2 Maneuver	-	-	-	-	-	-				63	0	-
Stage 1	-	-	-	-	-	-				273	0	-
Stage 2	-	-	-	-	-	-				390	0	-

Approach	EB	WB	SB
HCM Control Delay, s	0	2.9	125.3
HCM LOS			F

Minor Lane/Major Mvmt	EBT	EBR	WBL	WBT	SBLn1
Capacity (veh/h)	-	-	876	-	133
HCM Lane V/C Ratio	-	-	0.271	-	0.936
HCM Control Delay (s)	-	-	10.6	-	125.3
HCM Lane LOS	-	-	B	-	F
HCM 95th %tile Q(veh)	-	-	1.1	-	6.3

APPENDIX C

Sothern Evacuation Lifeline (SELL) Hurricane Evacuation Study



Southern Evacuation Lifeline (SELL) Hurricane Evacuation Study

Prepared for:

South Carolina Department of Transportation

Project reference: Southern Evacuation Lifeline
AECOM Project number: 60644626

March 2023

Quality information

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1. Introduction

In the face of an approaching hurricane, it is critical to evacuate residents and visitors to help save lives. The provision of hurricane evacuation routes controlled by law enforcement personnel is one of the most basic ways to facilitate a safe and reliable evacuation. The Grand Strand area of Horry County and the Waccamaw Neck area of Georgetown County are major tourist attractions. Both counties have been continuously planning to reduce hurricane evacuation clearance times, defined in this study as: the time from the beginning of the evacuation until 90% of the evacuees clears the region and reaches the edge of the network, to improve the safety of both residents and visitors.

The Southern Evacuation Lifeline (SELL) project aims to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River. Previous studies have evaluated real and modeled evacuations from the area, with the last evaluation of SELL being performed in 2007. This study will utilize recent data to evaluate 16 alignments for the SELL project and will implement dynamic traffic assignment (DTA) to provide a more realistic evacuation behavior and routing simulation.

This study will build off a long list of previous studies that have been completed. These studies are listed in the following sections of this report. This study is also in line with the South Carolina State Hurricane Plan, which includes the South Carolina Emergency Operations Plan (SCEOP). The purpose of the South Carolina Hurricane Plan is to provide a framework of actions necessary for emergency operations in response to a hurricane in South Carolina.

2. Previous Studies

As stated previously, this study will build off evacuation studies that have been performed over the previous decades. These studies range from retrospectives of real-world evacuations to evaluating contraflow lane configurations and expanding highways or building new ones. Some of the previous studies are:

- South Carolina Hurricane Evacuation Study-Transportation Analysis (1986)
- Hurricane Hugo Post Storm Evacuation Analysis (1989)
- Hurricanes Bertha/Fran Post Storm Study (1996)
- Hurricane Floyd Post Storm Evacuation Analysis (1999)
- South Carolina Hurricane Evacuation Restudy-Transportation Analysis (2000)
- US 17/US 521 Contraflow Analysis-Georgetown County (2001)
- SC EPD 2000 Census Update of Abbreviated Traffic Model (2002)
- Brunswick County Nuclear Power Plant Evacuation Analysis (2002)
- Horry County Southern Connector Evacuation Route Analysis (2003)
- I-73 Hurricane Evacuation Alternative Alignments Analysis (2005)
- SELL Hurricane Evacuation Analysis Technical Memorandum (2007)
- South Carolina Hurricane Plan (2009)
- South Carolina Hurricane Evacuation Behavioral Study (2011)
- South Carolina Hurricane Plan (2022) and its appendices (such as **Appendix C** evacuation zones and clearance timing)
- Comprehensive Emergency Management Plan, Horry County (2022)

Traffic counts and behavioral observations from past evacuations helped shape the assumptions for this study. For example, surveys of residents provided information on what percent of those who lived in areas of varying storm risk heeded optional and mandatory evacuation orders. In addition, evacuation participation rates varied based on the expected strength of the approaching hurricane.

The 2009 South Carolina Hurricane Plan considered the evacuation clearance time for different regions of the state. The study area for the current model fell in the Northern region of the 2009 plan and typical clearance times for different tourist occupancy levels, and hurricane strengths are shown for this region (both counties) in Table 1. A more abstract version included in the 2022 report is shown in Table 2.

In the 2022 SC Hurricane plan, the participation rate was assumed to be 100% for the evacuation zones. It was also assumed that the population would be evacuated to locations outside the evacuation zone and use private vehicles. Another important assumption made in the 2022 plan was the 8-hour response time added to the evacuation time. The response rate was defined as the time the residence needs to respond to the evacuation order.

Table 1 – 2009 South Carolina Hurricane Plan Clearance Times (hours)

Hurricane Category & Evacuation Response	Northern Normal Land Use	
	Tourist Occupancy Low	High
Category 1-2		
Rapid	10.75	18.25
Medium	11.25	19.25
Long	11.75	19.75
Category 3-4		
Rapid	20.25	27.75
Medium	21.00	28.75
Long	21.25	29.25
Category 5		
Rapid	20.25	29.00
Medium	21.00	30.00
Long	21.25	30.25

Table 2 – 2022 South Carolina Hurricane Plan Clearance Times for Horry County and Georgetown County (hours)[1]

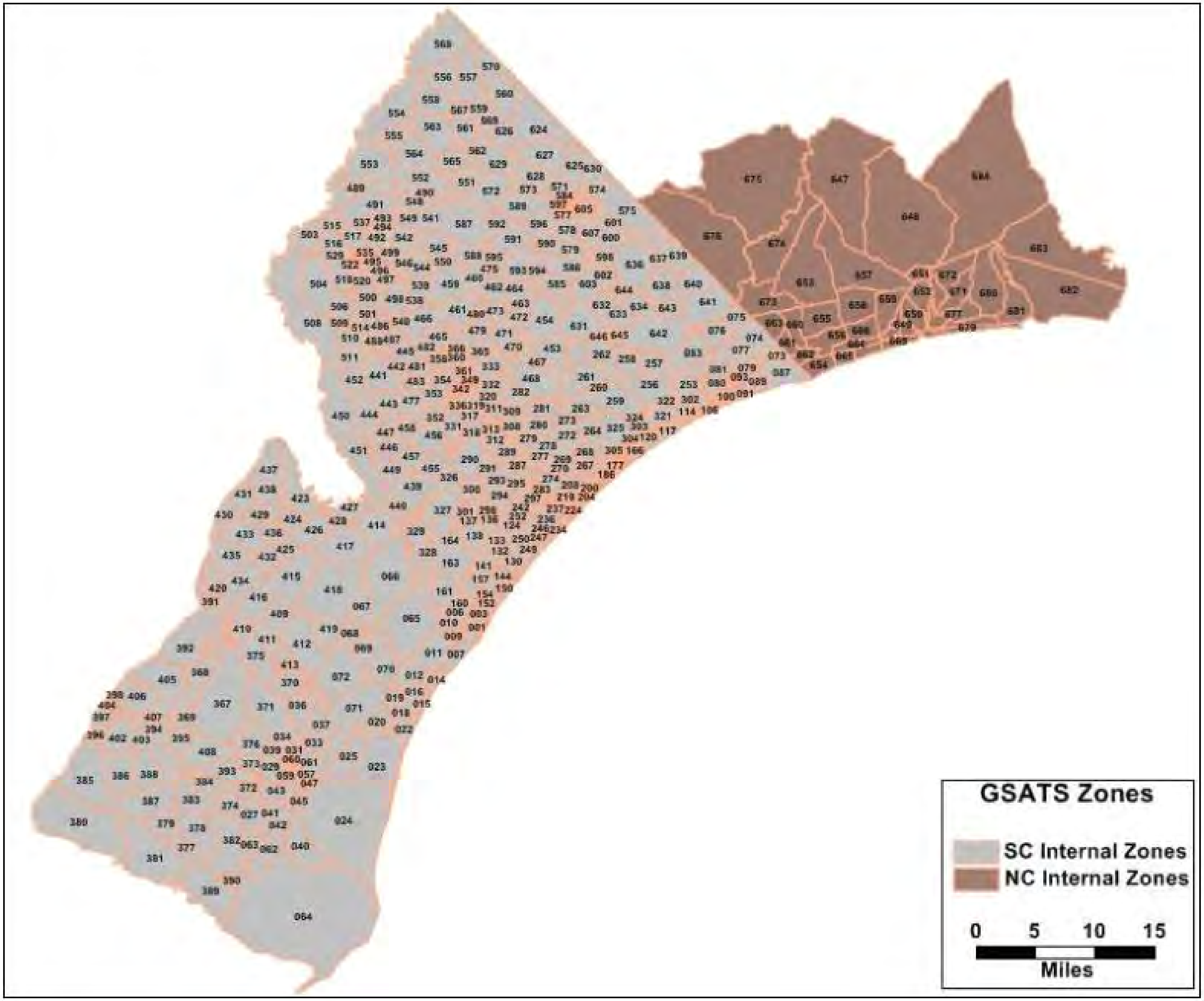
Evacuating Zones	Evacuating Population	Roadway Lane Reversal	Clearance Times (in Hours)
Zone A	254,712	None	18.3
Zone A and B	336,443	None	27.3
Zone A and B	336,443	US 501	23.2
Zone A, B, and C	432,386	None	34.6
Zone A, B, and C	432,386	US 501	29.3

3. Evacuation Modeling

This study used Dynamic Traffic Assignment (DTA) and dynamic travel demand modeling to analyze and evaluate the evacuation performance and estimate the clearance time. Specifically, TRANSIMS was used to perform the DTA. The modeling process started with the results of the Grand Strand Area Transportation Study (GSATS) 2040 Travel Demand Model. The GSATS model was run using TransCAD software. The GSATS model consists of 699 internal Traffic Analysis Zones (TAZs) and 22 external zones (721 TAZs in total), as shown in **Figure 1**. The model includes parts of both South Carolina and North Carolina. North Carolina was included in the GSATS model to better represent external trips from them. The model contains typical weekday travel patterns in the model region.

[1] The Zones are shown in Figure 2.

Figure 1 –Traffic Analysis Zones (TAZ's) in the GSATS Model



The GSATS model served multiple purposes in this study. The first use of the model was to extract the pattern of daily trips. As discussed later, these trips were also assumed to take place before the evacuation order occurs (before the start of evacuation). These trips were used to estimate where the residents and visitors were before evacuation and to create the trip back home.

Another usage of the GSATS model is the roadway network, which was used as the base network for the TRANSIMS model. In addition, the network geometry, volume delay functions, and functional classifications defined in the GSATS model were also used in the TRANSIMS model.

Finally, the GSATS model results were used to validate the TRANSIMS model. After transferring the demand and supply data to TRANSIMS, the TRANSIMS assignment results were compared with that of the TransCAD volumes. The hourly distribution percentage of trips from the model documentation per trip purpose was used to create the demand matrix in TRANSIMS. Uniform distribution assumptions were used for generating sub-hourly trips (i.e., 15-minute distributions), and model data were used to extract the socio-economic data related to the TAZs.

The trip tables used in the evacuation modeling consist of three components:

1- **Regular trips**: These are the trips that happen before the evacuation. For instance, if the evacuation time of TAZ A and B was assumed to be 2 PM and 6 PM, respectively, the evacuation time for this origin-destination (OD) pair was assumed to be 2 PM (the earliest of the two times). The trip interchange between each OD pair from the beginning of the day until one hour before the evacuation time was tracked and the net interchange of trips between the OD pair was calculated. All trips were assumed to take place as they regularly do up to this point. One hour before evacuation, the model created a return trip and brought returned all unbalanced trip interchange to their original location. For instance, if the balance of trip interchange between TAZ A and B shows that 100 more trips went to B compared to A, 100 trips were created from B to A to even out and equalize the total trip interchange. This is done to ensure that all trips that left a TAZ return before the evacuation starts.

2- **Population evacuation**: The population of each TAZ is assumed to be evacuated to the shelter zones or external zones based on behavioral assumptions. Some residents were assumed to evacuate earlier than the designated evacuation time for each TAZ. After the evacuation time, depending on the hurricane category, a certain percentage of the population is assumed to evacuate. Also, vehicle usage is assumed per each TAZ. The destination choice (between the shelter location or the external stations) is based on a gravity model. The gravity model depends on the shelter's capacity and the distance between the TAZ and the shelter location. These assumptions are described below and detailed in **Appendix B.**

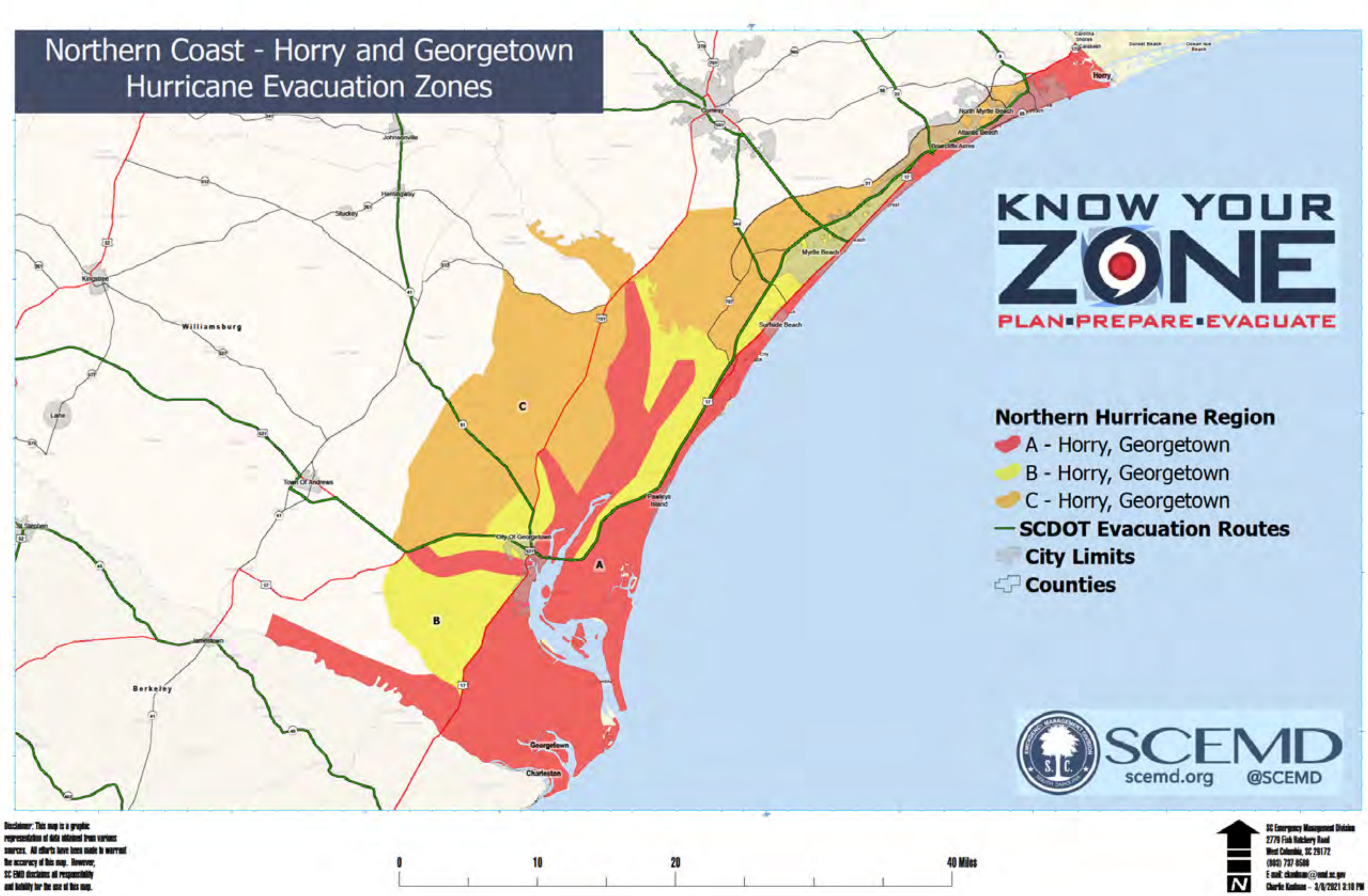
3- **Visitor evacuation**: The visitors' evacuation process is similar to the population process, except that the visitors were assumed to evacuate from hotel locations. Hotel occupancy rates were assumed, and the number of hotel rooms available in each TAZ is based on the TransCAD model inputs.

The trip tables estimated in these steps were assigned to the network using TRANSIMS. The max clearance times were estimated based on the latest arrival of the latest trip from the beginning of the scheduled evacuation time. We also reported the difference between the 90 percentile arrival time and the evacuation order time as the total evacuation time for each zone. TRANSIMS uses 15-minute trip tables and assigns the trips with a 15-minute resolution. The DTA procedure implemented in TRANSIMS considers the interaction between the trips and those still in the network. As such, the model is able to include more detail, at a person level, in the analysis.

3.1 Evacuation Zones

Georgetown and Horry Counties are divided into evacuation areas depending on the predicted severity of an approaching hurricane. These evacuation areas were established by the South Carolina Emergency Management Division (SCEMD) in consultation with local jurisdictions. The zones are shown below in Figure 2. The counties are broken up into three evacuation zones (A through C) depending on the severity of the predicted storm surge. Those living in mobile homes, even those residing outside these zones, should evacuate during any hurricane due to the low resiliency of these structures in high winds.

Figure 2 – Horry County and Georgetown County Evacuation Zones (from CEMP, January 2022)[2]



² https://www.scemd.org/prepare/know-your-zone/

3.2 Socio-economic Data

Population data and other socio-economic inputs for this report came from the Grand Strand Area Transportation Study (GSATS) TransCad model and are summarized in **Appendix A**. The base year for the model was 2015, and population trends were projected out to 2040 for model runs.

Population levels can fluctuate significantly based on the season and number of current tourists. For the purposes of the simulation, it was assumed that 85% of tourist housing units would be occupied. This was the higher of the two occupancy levels from the previous 2007 SELL study and was chosen to represent the peak tourism period.

In 2040, it was projected that Horry County would have approximately 380,000 permanent residents and 219,000 tourists during the peak season, while Georgetown County would have approximately 101,000 permanent residents and 17,000 tourists.

3.3 Evacuation Behaviors

In this section, some of the behavioral assumptions used in the model are outlined:

1. No Pre evacuation activities are assumed for any of the SELL Route alternatives. In other words, all evacuees are assumed to start evacuating after the evacuation order is put in place.
2. The population were assumed to evacuate the zone (based on their total percentage) based on the following distribution:
    a. 10% within the first hour
    b. 40% within the second hour
    c. 30% within the third hour
    d. 15% within the fourth hour
    e. 5% within the fifth hour
3. The friction factor of the gravity model was assumed to be an exponential function.
4. Residents in areas with storm surge risk (Zone A, B, or C) were assumed to evacuate based on the percentages shown in **Appendix B.**
5. The percentage of the population leaving the counties varied between 40% and 70% for the permanent population and nearly 100% for the seasonal population.
6. In the scheduled evacuation scenario, the evacuation start times were as follows:
    a. 5 AM for Zone A
    b. 10 AM for Zone B
    c. 2 PM for Zone C
    d. 6 PM for the Inland Additional Evacuation Areas
7. In addition, scenarios were evaluated where all evacuees departed at 10 AM regardless of which zone they lived in. The percentage of residents in each zone who evacuated still depended on the severity of the hurricane, giving three evacuation zone levels (A, B, C) and two evacuation procedures (staged, all at once) for a combination of six scenarios per SELL Route alternative.

Appendix B[3] provides details of the study's behavioral data assumptions for each evacuation zone, which include participation rates, destinations (out of county, shelters, etc.) and vehicle usage.

[3] Based on the details given in the 2009 study and updated using the changes made in the 2022 SC hurricane plan.

3.4 Roadway Assumptions

Sixteen SELL Route alternative scenarios were provided, in review of these alternatives, it was indicated that several of these alternatives were largely identical except for one or several segments that were not likely to impact the model assignments. These segments were of comparable length and/or not separated far from segments in otherwise identical alternatives. In these cases, one alternative was selected to represent the two similar alternatives both in the Travel Demand Model and the Hurricane Evacuation Model. This resulted in combining ten of the sixteen roadway alternatives to five alternatives to be tested in the GSATS model. This reduced the total number of modeled alignment alternatives from sixteen roadway alternatives to eleven SELL GSATS model alternatives as outlined below.

- Alternative 1 -> SELL 01
- Alternative 2 -> SELL 02
- Alternative 3 & Alternative 5 -> SELL 03
- Alternative 4 & Alternative 6 -> SELL 04
- Alternative 7 -> SELL 05
- Alternative 8 & Alternative 9 -> SELL 06
- Alternative 10 & Alternative 11 -> SELL 07
- Alternative 12 & Alternative 13 -> SELL 08
- Alternative 14 -> SELL 09
- Alternative 15 -> SELL 10
- Alternative 16 -> SELL 11

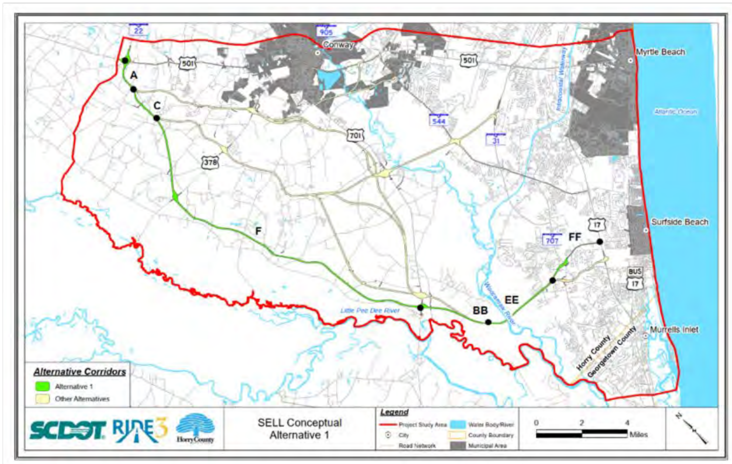
These eleven conceptual alternatives were evaluated using the GSATS model for both the No-Build and Build Alternatives. The No-Build and Build alternative scenario networks were incorporated with planned roadway improvements and the funded (existing and committed) projects. We also adjusted the speed limits from the GSATS model on some roadways, as they were different from the actual posted speed limit.

We have also included the reversible lanes on US 501 in Horry County east of Conway from SC 544/SC 544 Connector to the US 501/US 378 intersection in Conway. The extension of the reversible lane on US 501 from SC 22/US 501 interchange west of Conway to the SC 576/US 501 and US 501 Bypass in Marion County did not fully fall into the boundary of our network and we only included the parts that were within the network[4]. All SELL alternatives are shown side by side in Figure 3, while larger maps are included in **Appendix C.**

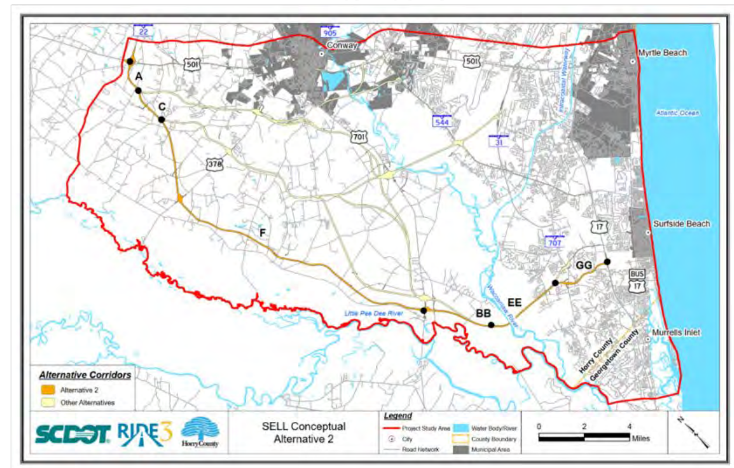
[4] https://www.scemd.org/media/1332/annex-c-evacuation-zones-and-clearance-timing.pdf

Figure 3 – SELL Route Conceptual Alternatives 1-4

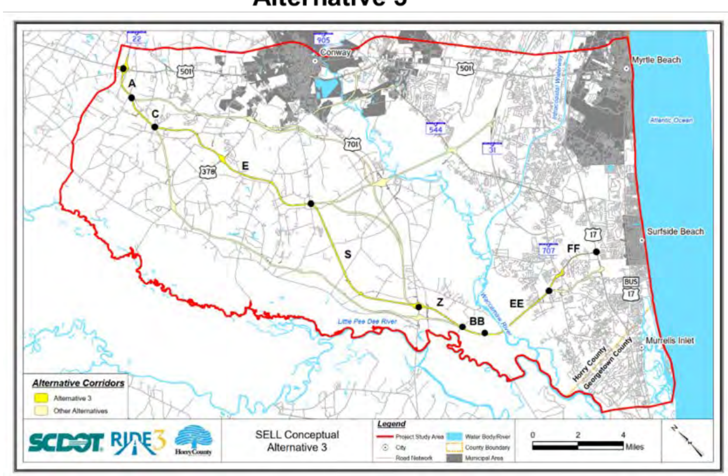
Alternative 1



Alternative 2



Alternative 3



Alternative 4

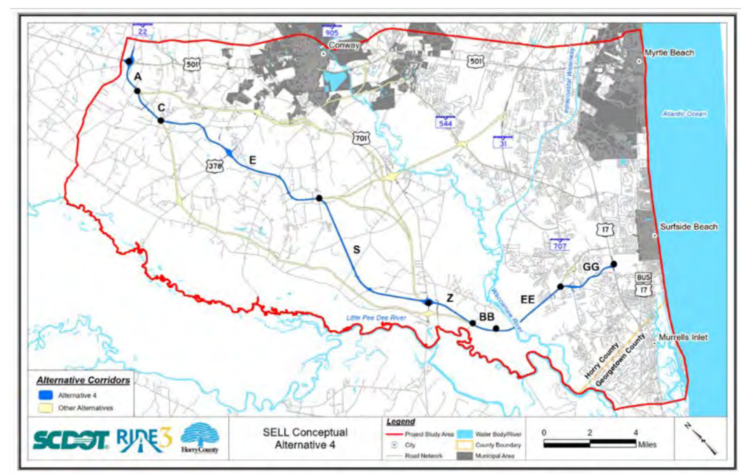
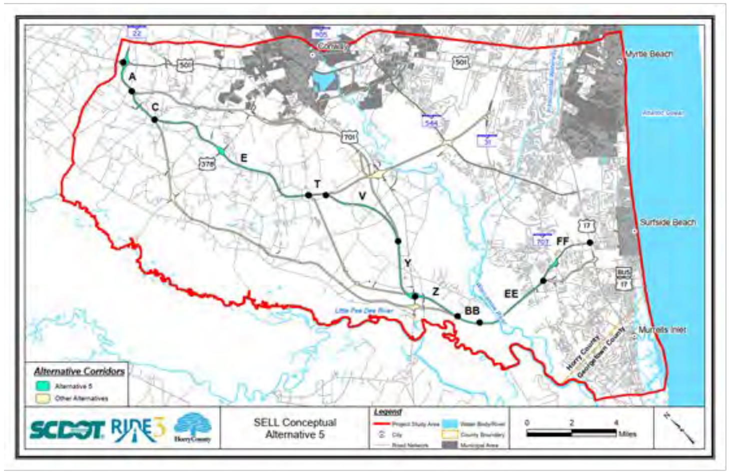
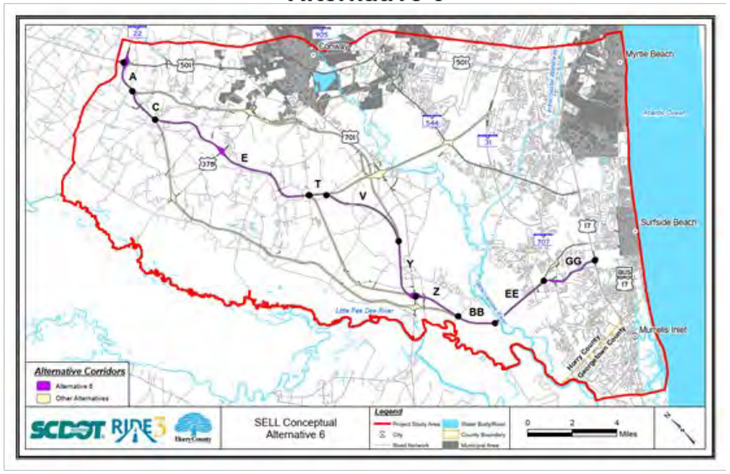


Figure 4 – SELL Route Conceptual Alternatives 5-8

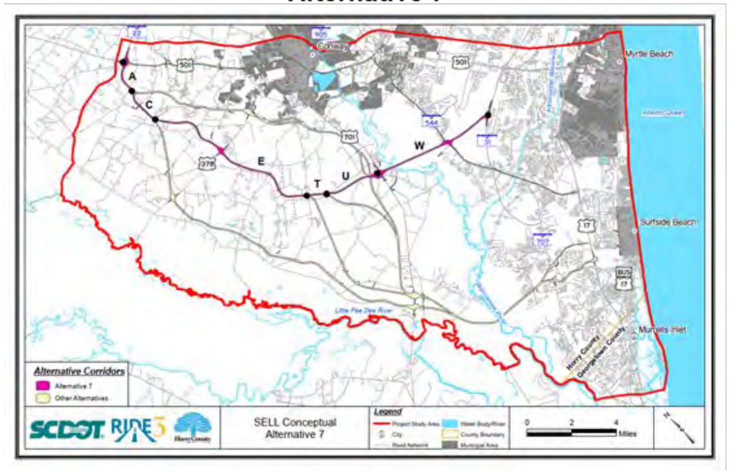
Alternative 5



Alternative 6



Alternative 7



Alternative 8

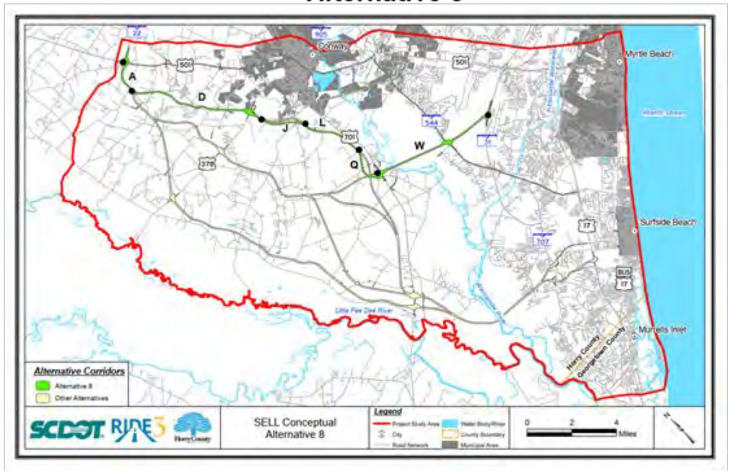
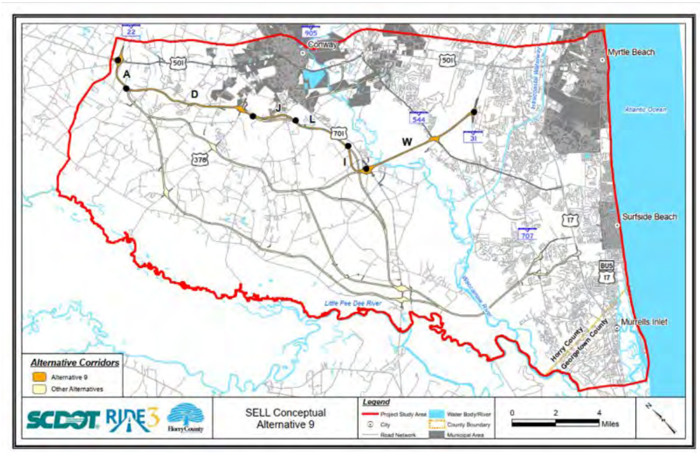
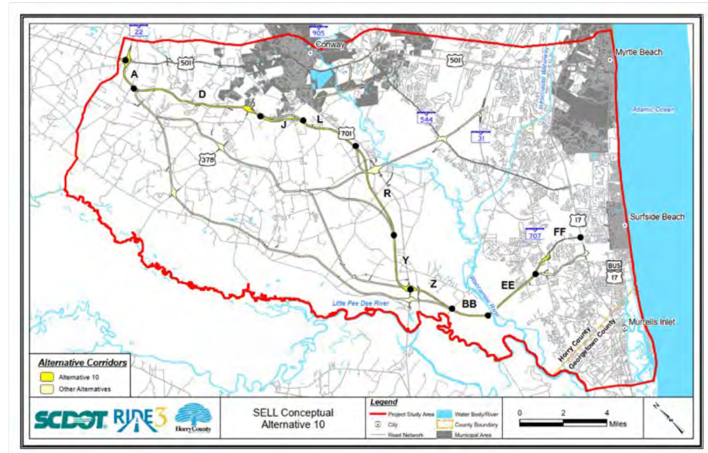


Figure 5 – SELL Route Conceptual Alternatives 9-12

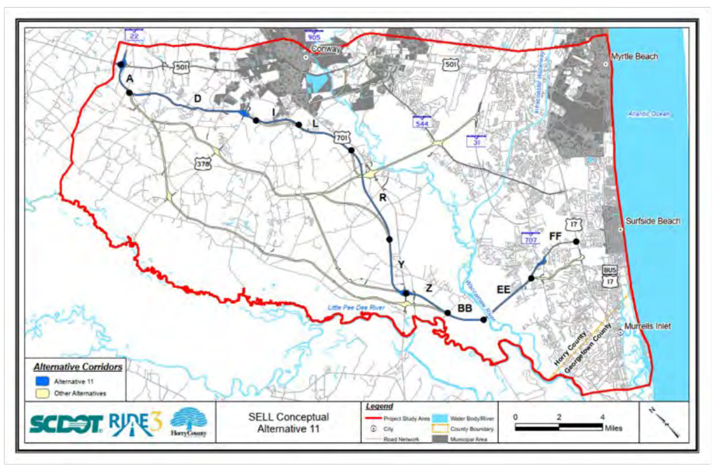
Alternative 9



Alternative 10



Alternative 11



Alternative 12

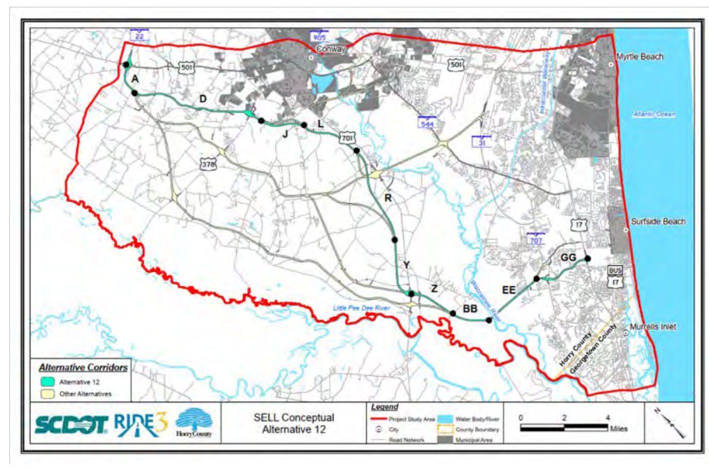
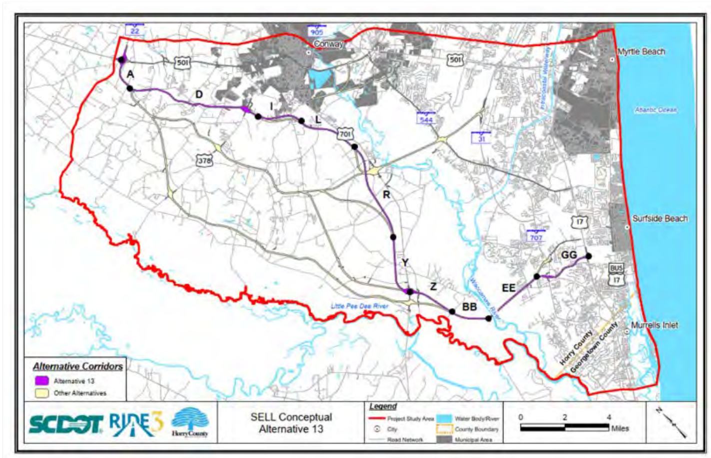
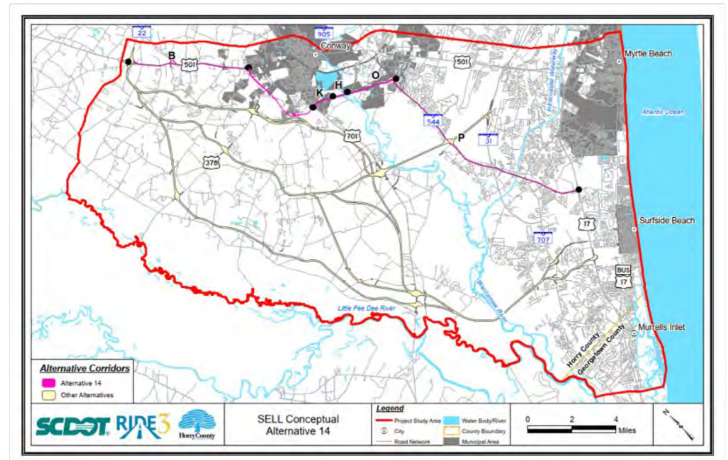


Figure 6 – SELL Alignment Conceptual Alternatives 13-16

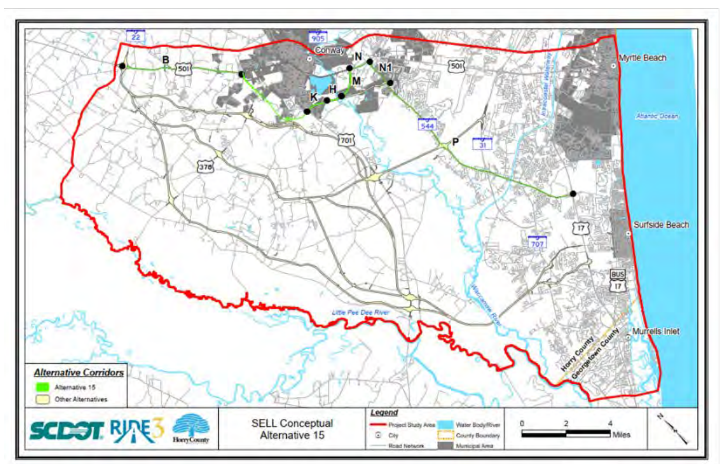
Alternative 13



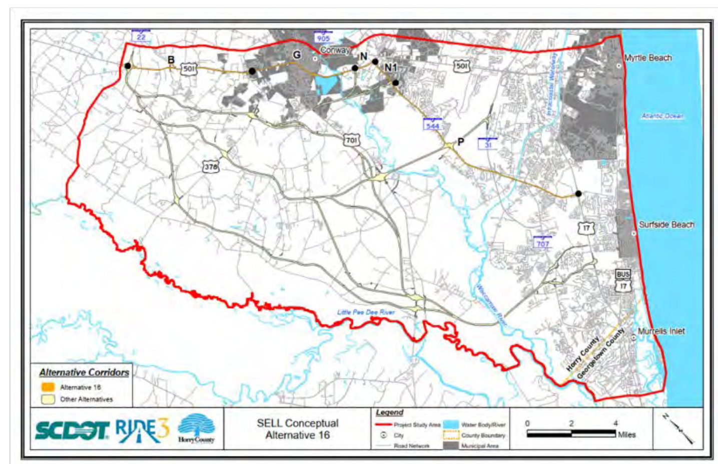
Alternative 14



Alternative 15



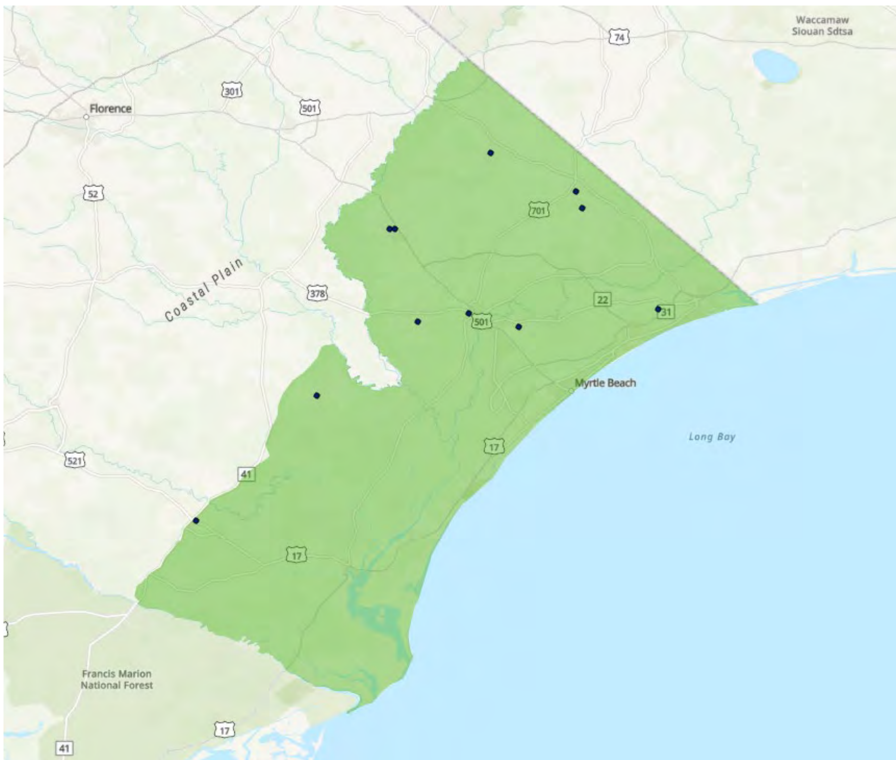
Alternative 16



4. Analysis

The evacuation process was modeled by sending evacuees to one of sixteen shelter zones eleven of these zones are located within the evacuation region (that represent the shelter locations) and five are a destination outside of the region located at the edges of the network (not shown on in the figure below).The centroids for the shelter locations within the region are shown in Figure 7. Note that the location of the Conway High School and Whittemore Park Middle School are within one TAZ and as such shown with one dot only.

Figure 7 – Internal Evacuation Destinations (Shelters)[5]



The scenario numbers used in the table are as follows:

1. Zone A evacuation, **staggered** evacuations
2. Zone A and B evacuation, **staggered** evacuations
3. Zone A, B, and C evacuation, **staggered** evacuations
4. Zone A evacuation, **simultaneous** evacuations
5. Zone A and B evacuation, **simultaneous** evacuations
6. Zone A, B, and C evacuations, **simultaneous** evacuations

Metrics summarizing the evacuation time is shown below in Table 3.

[5] Locations taken from the Horry County Evacuation Plan (https://www.horrycountysc.gov/media/yqhcstlg/6-2-hurricane-annex.pdf) and for Georgetown County from (https://gtcounty.org/BusinessDirectoryII.aspx?lngBusinessCategoryID=33)

Table 3 – Modeled SELL Evacuation Clearance Times[6]

SELL	Scenario	Total Evacuation Time, Zone A (hh:mm)	Total Evacuation Time, Zone B (hh:mm)	Total Evacuation Time, Zone C (hh:mm)	Max Evacuation Time (hh:mm)
No Build	1	12:44	--	--	26:59
No Build	2	12:48	13:07	--	27:17
No Build	3	12:54	13:11	12:59	27:39
No Build	4	12:50	--	--	15:26
No Build	5	12:58	13:05	--	15:40
No Build	6	13:02	13:09	13:04	15:46
SELL 01	1	12:30	--	--	26:04
SELL 01	2	12:34	12:27	--	26:20
SELL 01	3	12:38	12:31	12:21	26:36
SELL 01	4	12:25	--	--	14:50
SELL 01	5	12:36	12:43	--	15:08
SELL 01	6	13:04	13:04	13:04	15:50
SELL 02	1	12:32	--	--	26:11
SELL 02	2	12:36	12:30	--	26:28
SELL 02	3	12:40	12:34	12:25	26:44
SELL 02	4	12:29	--	--	14:54
SELL 02	5	12:39	12:47	--	15:09
SELL 02	6	12:55	12:57	12:54	15:33
SELL 03	1	12:32	--	--	26:14
SELL 03	2	12:37	12:31	--	26:33
SELL 03	3	12:41	12:35	12:23	26:47
SELL 03	4	12:32	--	--	14:54
SELL 03	5	12:39	12:47	--	15:04
SELL 03	6	12:46	12:53	12:45	15:15
SELL 04	1	12:33	--	--	26:17
SELL 04	2	12:37	12:32	--	26:34
SELL 04	3	12:42	12:36	12:26	26:50
SELL 04	4	12:31	--	--	14:55
SELL 04	5	13:01	13:04	--	15:40
SELL 04	6	12:57	13:09	12:51	15:34
SELL 05	1	12:33	--	--	26:17
SELL 05	2	12:37	12:34	--	26:34
SELL 05	3	12:42	12:38	12:24	26:50
SELL 05	4	12:31	--	--	14:55
SELL 05	5	12:37	12:41	--	15:03
SELL 05	6	13:00	13:00	13:00	15:40
SELL 06	1	12:33	--	--	26:14
SELL 06	2	12:37	12:32	--	26:31
SELL 06	3	12:41	12:36	12:26	26:47
SELL 06	4	12:31	--	--	14:55
SELL 06	5	12:42	12:47	--	15:12
SELL 06	6	13:10	13:10	13:10	15:55
SELL 07	1	12:33	--	--	26:15
SELL 07	2	12:37	12:33	--	26:32
SELL 07	3	12:41	12:37	12:23	26:48
SELL 07	4	12:31	--	--	14:54
SELL 07	5	12:39	12:40	--	15:07
SELL 07	6	12:51	12:52	12:51	15:24

[6] The numbers include the 8-hour response time

SELL Route	Scenario	Total Evacuation Time, Zone A (hh:mm)	Total Evacuation Time, Zone B (hh:mm)	Total Evacuation Time, Zone C (hh:mm)	Max Evacuation Time (hh:mm)
SELL 08	1	12:32	--	--	26:14
SELL 08	2	12:37	12:32	--	26:33
SELL 08	3	12:41	12:36	12:25	26:47
SELL 08	4	12:31	--	--	14:55
SELL 08	5	12:40	12:41	--	15:09
SELL 08	6	12:39	12:45	12:34	15:08
SELL 09	1	12:34	--	--	26:20
SELL 09	2	12:38	12:34	--	26:37
SELL 09	3	12:42	12:38	12:26	26:53
SELL 09	4	12:31	--	--	15:08
SELL 09	5	12:44	12:44	--	15:28
SELL 09	6	12:57	12:57	12:57	15:49
SELL 10	1	12:35	--	--	26:23
SELL 10	2	12:39	12:34	--	26:40
SELL 10	3	12:47	12:38	12:26	27:11
SELL 10	4	12:31	--	--	15:08
SELL 10	5	12:51	12:53	--	15:40
SELL 10	6	13:20	13:17	13:13	16:24
SELL 11	1	12:36	--	--	26:29
SELL 11	2	12:40	12:33	--	26:45
SELL 11	3	12:44	12:37	12:25	27:02
SELL 11	4	12:32	--	--	15:08
SELL 11	5	12:49	12:53	--	15:35
SELL 11	6	13:04	13:04	13:02	15:58

In this table, the **Total Evacuation Time** columns show the 90th-percentile evacuation time, and the **Max Evacuation Time** shows the time required for 100 percent evacuation (everyone evacuated), in hours and minutes. As the distribution of trips is different from one scenario to another due to shelter assignment, we have reported different performance measures to have a clearer understanding of the model result. Evacuation Time Distributions can be found in **Appendix E,** this distribution shows the range and frequency of the time the population left their origin until they arrived at their destination. The Maximum Evacuation time is higher than the Total Evacuation time due to evacuees that may depart late or hit extremely congested road segments within the model. The 90-percentile metric removes these extreme cases and is what is reported in Total Evacuation Time. The evaluation of SELL Routes (Alternatives) should be based on the combination of these criteria. The Traffic Flow Maps are given in **Appendix D**.

In comparing the simultaneous and staggered evacuation, it should be noted that there are more regular trips in the staggered evacuation than the simultaneous evacuation, in some cases, these could impact the evacuation times. Another important factor that should be noted is the calculation logic of clearance time. The clearance time for each individual is assumed to be the difference between the arrival and departure time of the evacuee. As such, the distribution of evacuation trips impacts the overall clearance time calculation. Regional Level Performance Summaries can be found in **Appendix G** and **Appendix F.** The summaries show the total Vehicle Mile Traveled (VMT), Vehicle Hours Traveled (VHT), and the percentage of roadways with congestion. These performance summaries could be used to determine the performance of each SELL Route.

There was a significant change observed on individual roads in the study region. For example, Figure 8 shows the difference in vehicle volume between the existing highway network and SELL 01 (comparison maps for all SELL Route alternatives are given in **Appendix G**). Roads in red had more users in SELL 01 compared to the No Build, while green ones experienced lower volumes.

Below are few observations from Comparing SELL 01 with No Build network,

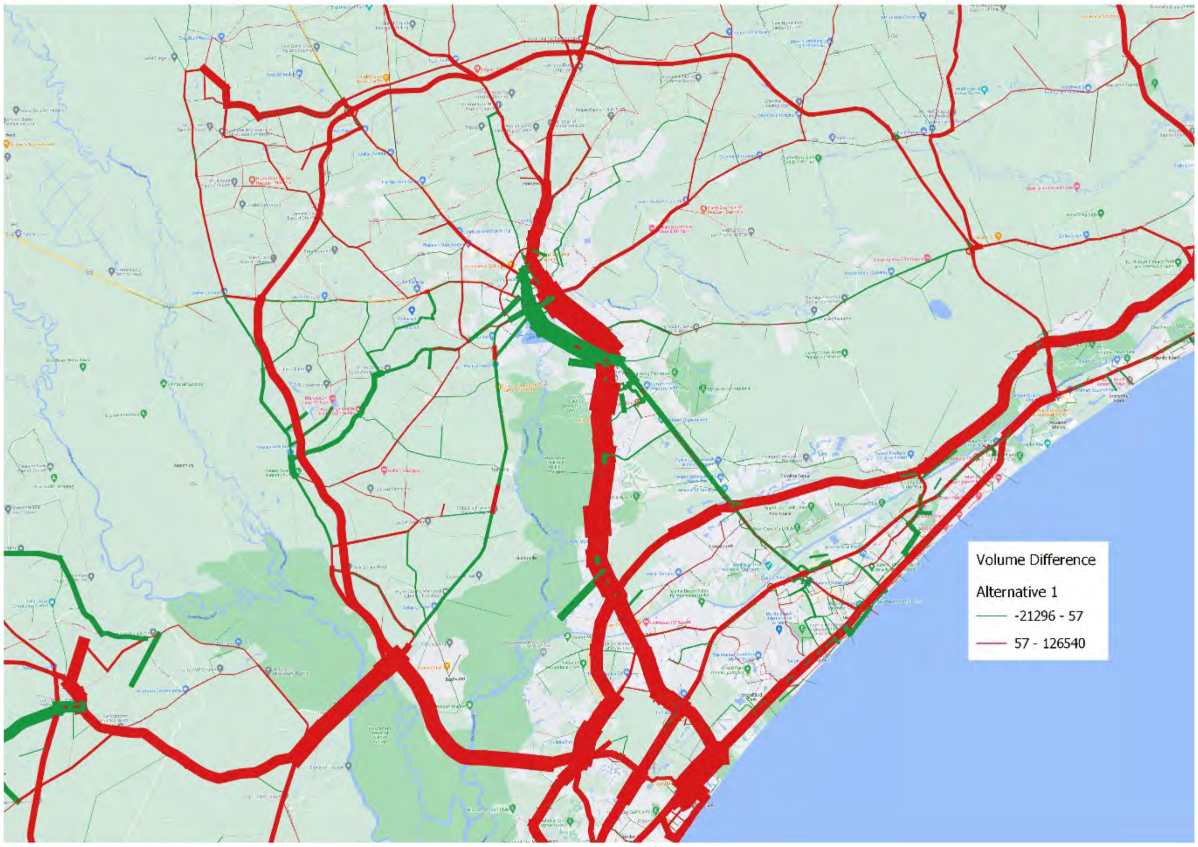
- Scenario 6 with the No Build network it was observed that there are about 11,000 and 7,000 fewer vehicles on US-701 and Pee Dee Highway, respectively.
- Increase in the number of vehicles by 10,000 on Carolina Bays Parkway from US Hwy 17 to Holmestown Road which connects to the proposed SELL corridor.
- In addition, there is a decrease in the number of vehicles by 20,000 on US 501 from Carolina Bays Parkway to Conway.

5. Conclusions

In general, evacuation clearance times for SELL new location alternatives would be reduced compared to the No Build alternative. SELL 09, SELL 10, and SELL 11 alternatives, which include widening existing US 501 and SC 544 result in either a minor reduction or increased clearance times compared to the No Build alternative.

Overall, there are about 40,000 vehicles using the SELL new location alternative. Therefore, by providing an alternative evacuation route and reducing volumes on existing evacuation routes, the SELL project could reduce congestion, while increasing resiliency and predictability during future hurricane evacuations.

Figure 8 – Change in Road Volume, SELL Route 1 vs No Build Scenario



Appendix A – Socioeconomic Data

Horry County Socioeconomic Data – 2040

Evacuation Zone	Perm. Occupied Units	Growth Factor Perm. Occ. Units	Perm. Occ. Mobile Home Units	Growth Factor Mobile Home Units	Seasonal Tourist Units	Growth Factor Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1 Lower Grand Strand	6,113	**1.37**	649	**1.37**	6,207	**1.12**	**2.2**	**2.2**	**3.4**	**1.61**	**1.61**	**1.05**	**40%**	**85%**
2 Central Grand Strand	2,811	**1.64**	369	**1.64**	21,882	**1.56**	**2.2**	**2.2**	**3.4**	**1.31**	**1.31**	**1.05**	**40%**	**85%**
3 Central Grand Strand	3,504	**1.62**	342	**1.62**	17,743	**1.51**	**2.1**	**2.1**	**3.4**	**1.46**	**1.46**	**1.05**	**40%**	**85%**
4 Upper Grand Strand	2,920	**1.46**	174	**1.46**	5,547	**1.22**	**2.1**	**2.1**	**3.4**	**1.47**	**1.47**	**1.05**	**40%**	**85%**
5 Upper Grand Strand	10,200	**1.7**	801	**1.7**	5,600	**1.12**	**2.1**	**2.1**	**3.4**	**1.6**	**1.6**	**1.05**	**40%**	**85%**
6 Upper Grand Strand	9,625	**1.75**	305	**1.75**	1,901	**1.07**	**2.1**	**2.1**	**3.4**	**1.71**	**1.71**	**1.05**	**40%**	**85%**
7 Lower Grand Strand	6,270	**1.39**	243	**1.39**	3,627	**2.04**	**2.2**	**2.2**	**3.4**	**1.62**	**1.62**	**1.05**	**40%**	**85%**
8 Central Grand Strand	8,499	**1.61**	704	**1.61**	1,990	**1**	**2.2**	**2.2**	**3.4**	**1.66**	**1.66**	**1.05**	**40%**	**85%**
9 Central Grand Strand	7,071	**1.68**	413	**1.68**	2,527	**1.33**	**2.1**	**2.1**	**3.4**	**1.49**	**1.49**	**1.05**	**40%**	**85%**
10 Central Grand Strand	4,113	**1.97**	165	**1.97**	495	**1.26**	**2.1**	**2.1**	**3.4**	**1.62**	**1.62**	**1.05**	**40%**	**85%**
11 Lower Grand Strand	13,860	**1.54**	554	**1.54**	2,079	**1.24**	**2.2**	**2.2**	**3.4**	**1.74**	**1.74**	**1.05**	**40%**	**85%**
12 Central Grand Strand	2,124	**2.72**	87	**2.72**	368	**1.97**	**2.1**	**2.1**	**3.4**	**1.61**	**1.61**	**1.05**	**40%**	**85%**
13 Upper Grand Strand	3,339	**2.06**	284	**2.06**	1,055	**1.05**	**2.1**	**2.1**	**3.4**	**1.63**	**1.63**	**1.05**	**40%**	**85%**
14 Inland Horry	3,365	**1.25**	169	**1.25**	842	**1**	**2.35**	**2.4**	**3.4**	**1.78**	**1.78**	**1.05**	**40%**	**85%**
15 Central Grand Strand	1,002	**1.29**	72	**1.29**	488	**1.22**	**2.1**	**2.1**	**3.4**	**1.75**	**1.75**	**1.05**	**40%**	**85%**
16 Upper Grand Strand	575	**1.43**	59	**1.43**	134	**1**	**2.1**	**2.1**	**3.4**	**1.73**	**1.73**	**1.05**	**40%**	**85%**
17 Inland Horry	12,250	**1.36**	1,723	**1.36**	1,116	**1.14**	**2.35**	**2.4**	**3.4**	**1.71**	**1.71**	**1.05**	**40%**	**85%**
18 Inland Horry	15,365	**2.37**	1,761	**2.37**	1,869	**1.16**	**2.4**	**2.4**	**3.4**	**1.66**	**1.66**	**1.05**	**40%**	**85%**
19 Conway	8,426	**1.28**	2,429	**1.28**	166	**1.21**	**2.4**	**2.4**	**3.4**	**1.54**	**1.54**	**1.05**	**40%**	**85%**
20 Inland Horry	7,128	**1.62**	1,960	**1.62**	71	**1.66**	**2.4**	**2.4**	**3.4**	**1.82**	**1.82**	**1.05**	**40%**	**85%**
21 Inland Horry	5,624	**1.64**	1,604	**1.64**	75	**1**	**2.4**	**2.4**	**3.4**	**1.79**	**1.79**	**1.05**	**40%**	**85%**
22 Inland Horry	12,062	**1.66**	2,741	**1.66**	61	**1.66**	**2.4**	**2.4**	**3.4**	**1.73**	**1.73**	**1.05**	**40%**	**85%**
23 Inland Horry	3,539	**1.66**	697	**1.66**	32	**1**	**2.4**	**2.4**	**3.4**	**1.83**	**1.83**	**1.05**	**40%**	**85%**
Total	143,785		18,306		75,877									

	Category 1-2 Primary Evacuation Areas
	Category 3 Additional Primary Evacuation Areas
	Category 4-5 Additional Primary Evacuation Areas
	Inland Evacuation Areas

Georgetown County Socioeconomic Data – 2040

Evacuation Zone	Perm. Occupied Units	Growth Factor Perm. Occupied Units	Perm. Occupied Mobile Home Units	Growth Factor Mobile Home Units	Seasonal Tourist Units	Growth Factor Tourist Units	People Per Permanent Unit	People Per Mobile Home Unit	People Per Tourist Unit	Vehicles Per Permanent Unit	Vehicles Per Mobile Home Unit	Vehicles Per Tourist Unit	Low Occupancy Tourist	High Occupancy Tourist
1 Cat Island Cedar Island SE	889	**1.19**	286	**1.19**	25	**1.12**	**2.74**	**2.74**	**3.4**	**1.78**	**1.78**	**1.05**	**40%**	**85%**
2 Sampit River	2,676	**1.19**	242	**1.19**	41	**1.12**	**2.74**	**2.74**	**3.4**	**1.59**	**1.59**	**1.05**	**40%**	**85%**
3 DeBordieu	979	**1.76**	206	**1.76**	423	**1.05**	**2.28**	**2.28**	**3.4**	**1.75**	**1.75**	**1.05**	**40%**	**85%**
4 Litchfield Pawleys Island	3,270	**1.76**	304	**1.76**	2,499	**1.05**	**2.28**	**2.28**	**3.4**	**1.75**	**1.75**	**1.05**	**40%**	**85%**
5 Murrells Inlet	2,453	**1.76**	491	**1.76**	867	**1.05**	**2.13**	**2.13**	**3.4**	**1.73**	**1.73**	**1.05**	**40%**	**85%**
6 Brookgreen Gardens	3,062	**1.76**	1,408	**1.76**	485	**1.05**	**2.13**	**2.13**	**3.4**	**1.74**	**1.74**	**1.05**	**40%**	**85%**
7 Litchfield Pawleys Inland	3,610	**1.76**	245	**1.76**	763	**1.05**	**2.28**	**2.28**	**3.4**	**1.75**	**1.75**	**1.05**	**40%**	**85%**
8 Waccamaw River	340	**1.76**	120	**1.76**	11	**1.05**	**2.89**	**2.89**	**3.4**	**1.5**	**1.5**	**1.05**	**40%**	**85%**
9 Georgetown N	2,034	**1.19**	591	**1.19**	582	**1.12**	**2.74**	**2.74**	**3.4**	**1.5**	**1.5**	**1.05**	**40%**	**85%**
10 Georgetown W	2,046	**1.19**	631	**1.19**	15	**1.12**	**2.74**	**2.74**	**3.4**	**1.57**	**1.57**	**1.05**	**40%**	**85%**
11 Sampit S County	921	**1.19**	683	**1.19**	27	**1.12**	**2.74**	**2.74**	**3.4**	**1.78**	**1.78**	**1.05**	**40%**	**85%**
12 Oatland Central	1,745	**1.19**	1,250	**1.19**	18	**1.12**	**2.74**	**2.74**	**3.4**	**1.67**	**1.67**	**1.05**	**40%**	**85%**
13 Plantersville Yauhannah	712	**1.19**	545	**1.19**	52	**1.12**	**2.89**	**2.89**	**3.4**	**1.57**	**1.57**	**1.05**	**40%**	**85%**
14 NW Inland	2,695	**1.19**	1,393	**1.19**	93	**1.12**	**2.89**	**2.89**	**3.4**	**1.61**	**1.61**	**1.05**	**40%**	**85%**
15 Andrews Inland	2,780	**1.19**	1,297	**1.19**	17	**1.12**	**2.74**	**2.74**	**3.4**	**1.72**	**1.72**	**1.05**	**40%**	**85%**
Total	30,211		9,691		5,918									

(blue)	Category 1-2 Primary Evacuation Areas
(yellow)	Category 3 Additional Primary Evacuation Areas
(red)	Category 4-5 Additional Primary Evacuation Areas
(white)	Inland Evacuation Areas

Appendix B – Behavioral Assumptions

Horry County Evacuee Participation Rates

Evacuation Zone	Category 1-2 Part. Rate Perm. Units	Category 1-2 Part. Rate Mobile Homes	Category 1-2 Part. Rate Tourist Units	Category 3 Part. Rate Perm. Units	Category 3 Part. Rate Mobile Homes	Category 3 Part. Rate Tourist Units	Category 4-5 Part. Rate Perm. Units	Category 4-5 Part. Rate Mobile Homes	Category 4-5 Part. Rate Tourist Units
1 Lower Grand Strand	100%	100%	100%	100%	100%	100%	100%	100%	100%
2 Central Grand Strand	100%	100%	100%	100%	100%	100%	100%	100%	100%
3 Central Grand Strand	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 Upper Grand Strand	100%	100%	100%	100%	100%	100%	100%	100%	100%
5 Upper Grand Strand	100%	100%	100%	100%	100%	100%	100%	100%	100%
6 Upper Grand Strand	100%	100%	100%	100%	100%	100%	100%	100%	100%
7 Lower Grand Strand	2%	100%	50%	100%	100%	100%	100%	100%	100%
8 Central Grand Strand	2%	100%	50%	100%	100%	100%	100%	100%	100%
9 Central Grand Strand	2%	100%	50%	100%	100%	100%	100%	100%	100%
10 Central Grand Strand	2%	100%	50%	100%	100%	100%	100%	100%	100%
11 Lower Grand Strand	2%	100%	50%	10%	100%	80%	100%	100%	80%
12 Central Grand Strand	2%	100%	50%	10%	100%	80%	100%	100%	80%
13 Upper Grand Strand	2%	100%	50%	10%	100%	80%	100%	100%	80%
14 Inland Horry	2%	100%	50%	5%	100%	80%	10%	100%	80%
15 Central Grand Strand	2%	100%	50%	10%	100%	80%	100%	100%	80%
16 Upper Grand Strand	2%	100%	50%	10%	100%	80%	100%	100%	80%
17 Inland Horry	2%	100%	50%	5%	100%	80%	10%	100%	80%
18 Inland Horry	2%	100%	50%	5%	100%	80%	10%	100%	80%
19 Conway	2%	100%	50%	5%	100%	80%	10%	100%	80%
20 Inland Horry	2%	100%	50%	5%	100%	80%	10%	100%	80%
21 Inland Horry	2%	100%	50%	5%	100%	80%	10%	100%	80%
22 Inland Horry	2%	100%	50%	5%	100%	80%	10%	100%	80%
23 Inland Horry	2%	100%	50%	5%	100%	80%	10%	100%	80%

	Category 1-2 Primary Evacuation Areas
	Category 3 Additional Primary Evacuation Areas
	Category 4-5 Additional Primary Evacuation Areas
	Inland Evacuation Areas

Horry County Resident Evacuee Destinations

Evacuation Zone	Category 1-2 % to Public Shelters	Category 3 % to Public Shelters	Category 4-5 % to Public Shelters	Category 1-2 % Out of County	Category 3 % Out of County	Category 4-5 % Out of County	Category 1-2 % to Local Residence	Category 3 % to Local Residence	Category 4-5 % to Local Residence	Category 1-2 % to Hotel	Category 3 % to Hotel	Category 4-5 % to Hotel
1 Lower Grand Strand	5%	5%	5%	40%	50%	60%	50%	40%	30%	5%	5%	5%
2 Central Grand Strand	5%	5%	5%	40%	50%	60%	50%	40%	30%	5%	5%	5%
3 Central Grand Strand	5%	5%	5%	40%	50%	60%	50%	40%	30%	5%	5%	5%
4 Upper Grand Strand	5%	5%	5%	40%	50%	60%	50%	40%	30%	5%	5%	5%
5 Upper Grand Strand	5%	5%	5%	40%	50%	60%	50%	40%	30%	5%	5%	5%
6 Upper Grand Strand	5%	5%	5%	40%	50%	60%	50%	40%	30%	5%	5%	5%
7 Lower Grand Strand	7%	7%	7%	35%	45%	55%	58%	48%	38%	0%	0%	0%
8 Central Grand Strand	7%	7%	7%	35%	45%	55%	58%	48%	38%	0%	0%	0%
9 Central Grand Strand	7%	7%	7%	35%	45%	55%	58%	48%	38%	0%	0%	0%
10 Central Grand Strand	7%	7%	7%	35%	45%	55%	58%	48%	38%	0%	0%	0%
11 Lower Grand Strand	12%	12%	12%	30%	40%	50%	58%	48%	38%	0%	0%	0%
12 Central Grand Strand	12%	12%	12%	30%	40%	50%	58%	48%	38%	0%	0%	0%
13 Upper Grand Strand	12%	12%	12%	30%	40%	50%	58%	48%	38%	0%	0%	0%
14 Inland Horry	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%
15 Central Grand Strand	12%	12%	12%	30%	40%	50%	58%	48%	38%	0%	0%	0%
16 Upper Grand Strand	12%	12%	12%	30%	40%	50%	58%	48%	38%	0%	0%	0%
17 Inland Horry	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%
18 Inland Horry	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%
19 Conway	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%
20 Inland Horry	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%
21 Inland Horry	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%
22 Inland Horry	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%
23 Inland Horry	15%	15%	20%	20%	30%	40%	65%	55%	40%	0%	0%	0%

(blue)	Category 1-2 Primary Evacuation Areas
(yellow)	Category 3 Additional Primary Evacuation Areas
(red)	Category 4-5 Additional Primary Evacuation Areas
(white)	Inland Evacuation Areas

Horry County Vehicle Usage & Tourist Evacuee Destinations

	Vehicle Usage		Tourist Destination Percentages					
Evacuation Zone	Vehicle Usage % Perm. & Mobile Home	Vehicle Usage % Tourist	Category 1-2 % to Public Shelter	Category 3 % to Public Shelter	Category 4-5 % to Public Shelter	Category 1-2 % Out of County	Category 3 % Out of County	Category 4-5 % Out of County
1 Lower Grand Strand	75%	100%	1%	1%	1%	99%	99%	99%
2 Central Grand Strand	75%	100%	1%	1%	1%	99%	99%	99%
3 Central Grand Strand	75%	100%	1%	1%	1%	99%	99%	99%
4 Upper Grand Strand	75%	100%	1%	1%	1%	99%	99%	99%
5 Upper Grand Strand	75%	100%	1%	1%	1%	99%	99%	99%
6 Upper Grand Strand	75%	100%	1%	1%	1%	99%	99%	99%
7 Lower Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
8 Central Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
9 Central Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
10 Central Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
11 Lower Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
12 Central Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
13 Upper Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
14 Inland Horry	65%	100%	1%	1%	1%	99%	99%	99%
15 Central Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
16 Upper Grand Strand	65%	100%	1%	1%	1%	99%	99%	99%
17 Inland Horry	65%	100%	1%	1%	1%	99%	99%	99%
18 Inland Horry	65%	100%	1%	1%	1%	99%	99%	99%
19 Conway	65%	100%	1%	1%	1%	99%	99%	99%
20 Inland Horry	65%	100%	1%	1%	1%	99%	99%	99%
21 Inland Horry	65%	100%	1%	1%	1%	99%	99%	99%
22 Inland Horry	65%	100%	1%	1%	1%	99%	99%	99%
23 Inland Horry	65%	100%	1%	1%	1%	99%	99%	99%

(blue)	Category 1-2 Primary Evacuation Areas
(yellow)	Category 3 Additional Primary Evacuation Areas
(red)	Category 4-5 Additional Primary Evacuation Areas
(white)	Inland Evacuation Areas

Georgetown County Evacuee Participation Rates

Evacuation Zone	Category 1-2 Part. Rate Perm. Units	Category 1-2 Part. Rate Mobile Homes	Category 1-2 Part. Rate Tour. Units	Category 3 Part. Rate Perm. Units	Category 3 Part. Rate Mobile Homes	Category 3 Part. Rate Tour. Units	Category 4-5 Part. Rate Perm. Units	Category 4-5 Part. Rate Mobile Homes	Category 4-5 Part. Rate Tour. Units
1 Cat Island Cedar Island SE	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
2 Sampit River	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
3 DeBordieu	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
4 Litchfield Pawleys Island	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
5 Murrells Inlet	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
6 Brookgreen Gardens	**2%**	**100%**	**50%**	**5%**	**100%**	**80%**	**100%**	**100%**	**100%**
7 Litchfield Pawleys Inland	**2%**	**100%**	**50%**	**5%**	**100%**	**80%**	**100%**	**100%**	**100%**
8 Waccamaw River	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
9 Georgetown N	**2%**	**100%**	**50%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
10 Georgetown W	**2%**	**100%**	**50%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
11 Sampit S County	**2%**	**100%**	**50%**	**5%**	**100%**	**80%**	**100%**	**100%**	**100%**
12 Oatland Central	**2%**	**100%**	**50%**	**5%**	**100%**	**80%**	**100%**	**100%**	**100%**
13 Plantersville Yauhannah	**2%**	**100%**	**50%**	**5%**	**100%**	**80%**	**100%**	**100%**	**100%**
14 NW Inland	**2%**	**100%**	**50%**	**5%**	**100%**	**80%**	**10%**	**100%**	**100%**
15 Andrews Inland	**2%**	**100%**	**50%**	**5%**	**100%**	**80%**	**10%**	**100%**	**100%**

Blue	Category 1-2 Primary Evacuation Areas
Yellow	Category 3 Additional Primary Evacuation Areas
Red	Category 4-5 Additional Primary Evacuation Areas
White	Inland Evacuation Areas

Georgetown County Resident Evacuee Destinations

Evacuation Zone	Category 1-2 % to Public Shelters	Category 3 % to Public Shelters	Category 4-5 % to Public Shelters	Category 1-2 % Out of County	Category 3 % Out of County	Category 4-5 % Out of County	Category 1-2 % to Local Residence	Category 3 % to Local Residence	Category 4-5 % to Local Residence	Category 1-2 % to Hotel	Category 3 % to Hotel	Category 4-5 % to Hotel
1 Cat Island Cedar Island SE	**5%**	**5%**	**5%**	**40%**	**50%**	**60%**	**50%**	**40%**	**30%**	**5%**	**5%**	**5%**
2 Sampit River	**5%**	**5%**	**5%**	**40%**	**50%**	**60%**	**50%**	**40%**	**30%**	**5%**	**5%**	**5%**
3 DeBordieu	**5%**	**5%**	**5%**	**40%**	**50%**	**60%**	**50%**	**40%**	**30%**	**5%**	**5%**	**5%**
4 Litchfield Pawleys Island	**5%**	**5%**	**5%**	**40%**	**50%**	**60%**	**50%**	**40%**	**30%**	**5%**	**5%**	**5%**
5 Murrells Inlet	**5%**	**5%**	**5%**	**40%**	**50%**	**60%**	**50%**	**40%**	**30%**	**5%**	**5%**	**5%**
6 Brookgreen Gardens	**12%**	**12%**	**12%**	**30%**	**40%**	**50%**	**58%**	**48%**	**38%**	**0%**	**0%**	**0%**
7 Litchfield Pawleys Inland	**12%**	**12%**	**12%**	**30%**	**40%**	**50%**	**58%**	**48%**	**38%**	**0%**	**0%**	**0%**
8 Waccamaw River	**5%**	**5%**	**5%**	**40%**	**50%**	**60%**	**50%**	**40%**	**30%**	**5%**	**5%**	**5%**
9 Georgetown N	**7%**	**7%**	**7%**	**35%**	**45%**	**55%**	**58%**	**48%**	**38%**	**0%**	**0%**	**0%**
10 Georgetown W	**7%**	**7%**	**7%**	**35%**	**45%**	**55%**	**58%**	**48%**	**38%**	**0%**	**0%**	**0%**
11 Sampit S County	**12%**	**12%**	**12%**	**30%**	**40%**	**50%**	**58%**	**48%**	**38%**	**0%**	**0%**	**0%**
12 Oatland Central	**12%**	**12%**	**12%**	**30%**	**40%**	**50%**	**58%**	**48%**	**38%**	**0%**	**0%**	**0%**
13 Plantersville Yauhannah	**12%**	**12%**	**12%**	**30%**	**40%**	**50%**	**58%**	**48%**	**38%**	**0%**	**0%**	**0%**
14 NW Inland	**15%**	**15%**	**15%**	**20%**	**30%**	**40%**	**65%**	**55%**	**40%**	**0%**	**0%**	**0%**
15 Andrews Inland	**15%**	**15%**	**15%**	**20%**	**30%**	**40%**	**65%**	**55%**	**40%**	**0%**	**0%**	**0%**

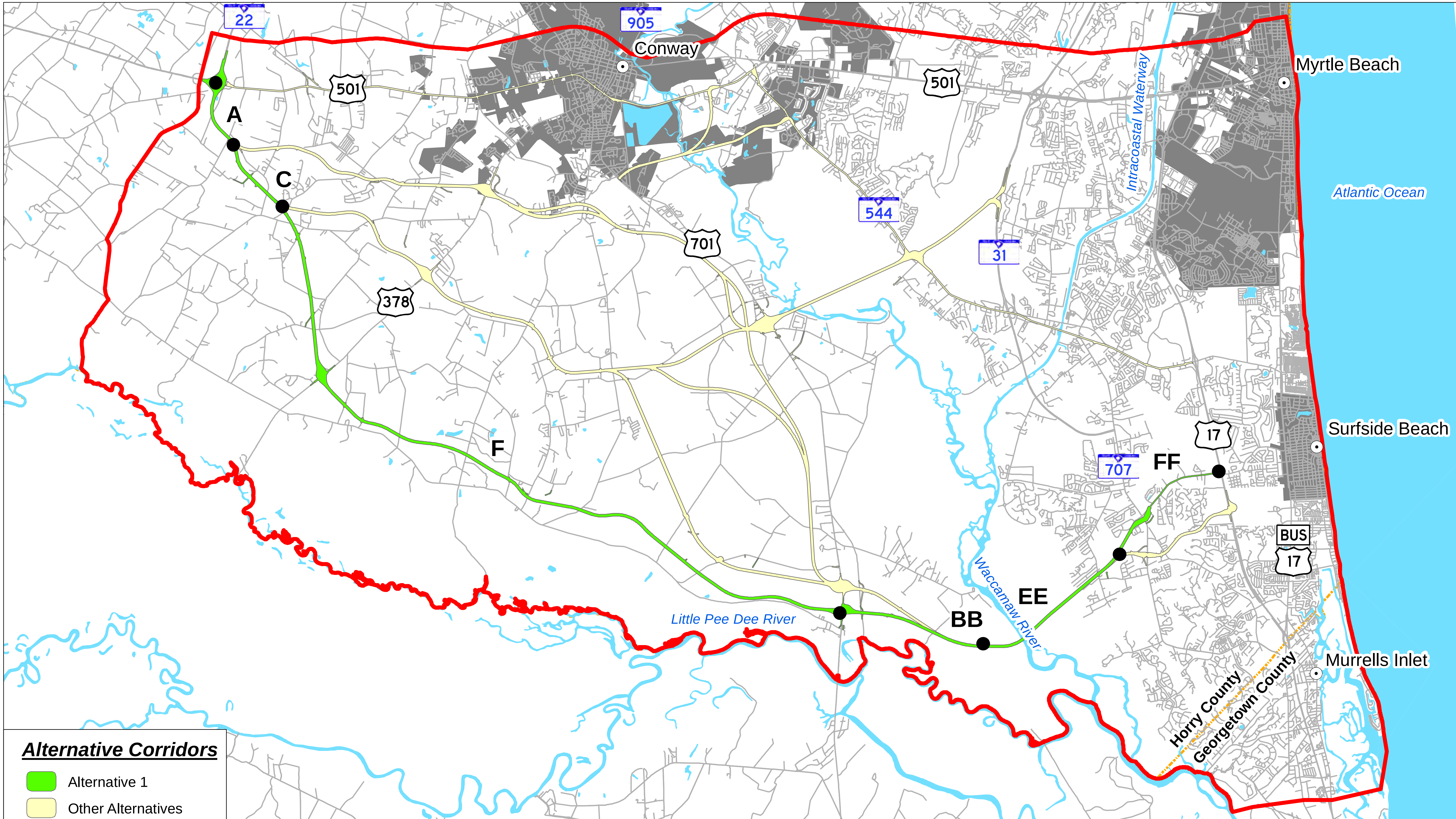
- Category 1-2 Primary Evacuation Areas
- Category 3 Additional Primary Evacuation Areas
- Category 4-5 Additional Primary Evacuation Areas
- Inland Evacuation Areas

Georgetown County Resident Evacuee Behavior

	Vehicle Usage		Tourist Destination Percentages					
Evacuation Zone	Vehicle Usage % Perm. & Mob. Home	Vehicle Usage % Tourist	Category 1-2 % to Public Shelter	Category 3 % to Public Shelter	Category 4-5 % to Public Shelter	Category 1-2 % to Out of County	Category 3 % to Out of County	Category 4-5 % to Out of County
1 Cat Island Cedar Island SE	**75%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
2 Sampit River	**75%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
3 DeBordieu	**75%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
4 Litchfield Pawleys Island	**75%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
5 Murrells Inlet	**75%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
6 Brookgreen Gardens	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
7 Litchfield Pawleys Inland	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
8 Waccamaw River	**75%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
9 Georgetown N	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
10 Georgetown W	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
11 Sampit S County	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
12 Oatland Central	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
13 Plantersville Yauhannah	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
14 NW Inland	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**
15 Andrews Inland	**65%**	**100%**	**1%**	**1%**	**1%**	**99%**	**99%**	**99%**

(blue)	Category 1-2 Primary Evacuation Areas
(yellow)	Category 3 Additional Primary Evacuation Areas
(red)	Category 4-5 Additional Primary Evacuation Areas
(white)	Inland Evacuation Areas

Appendix C – SELL Alternative Routes



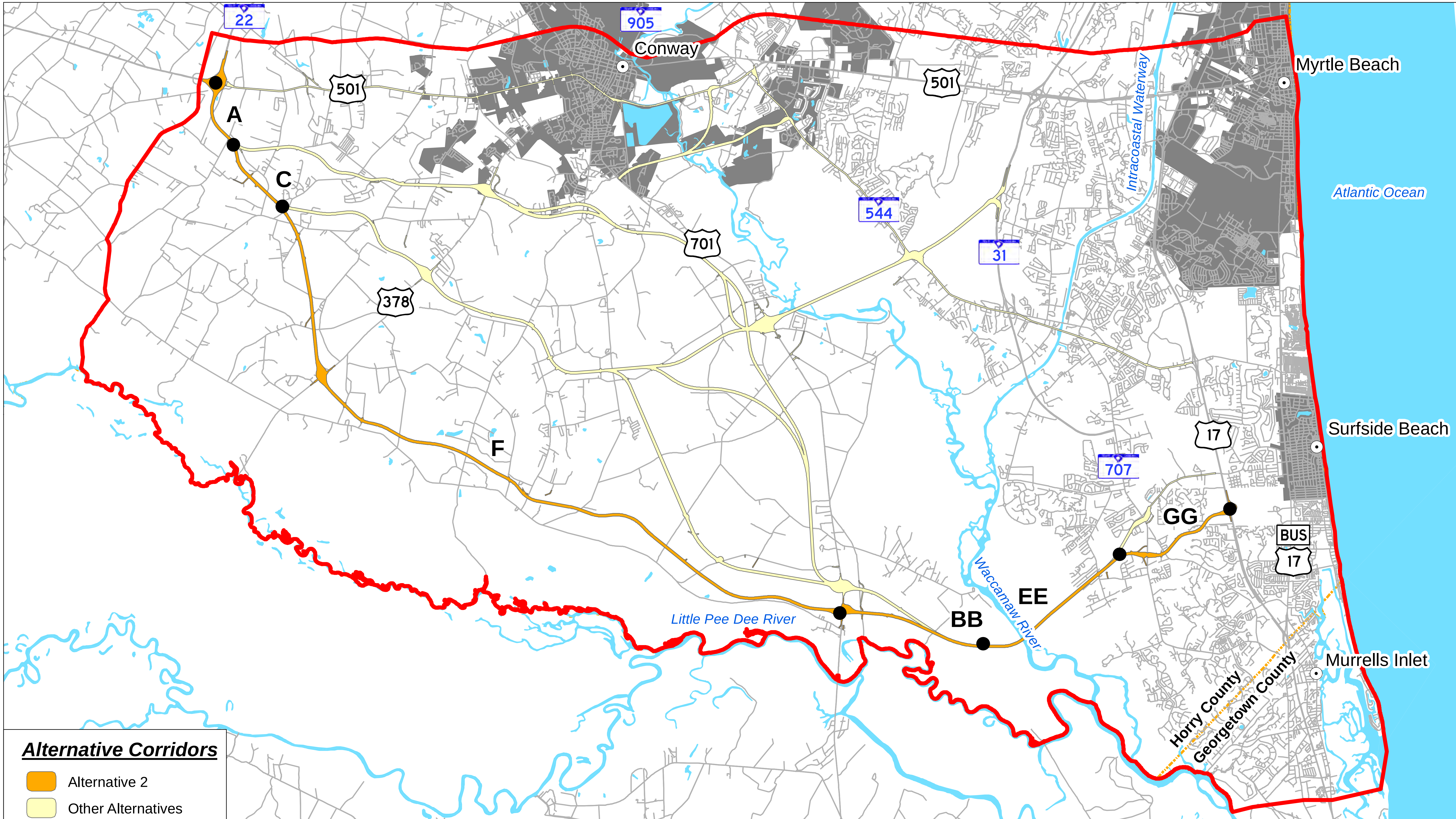
SELL Conceptual
Alternative 1

Legend

Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area

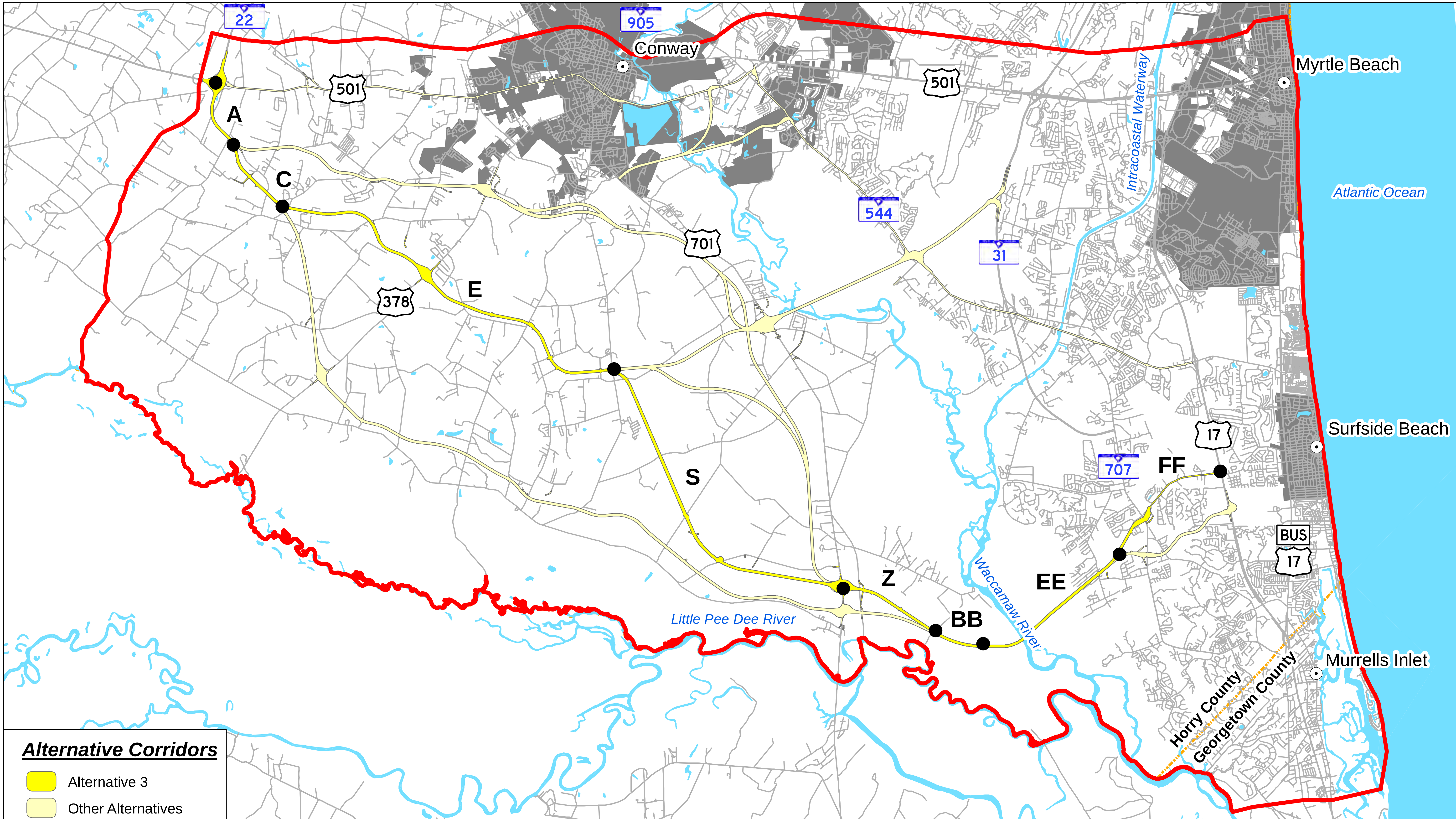
0 2 4 Miles

N



SCDOT RIDE3 Horry County

SELL Conceptual
Alternative 2



SCDOT® RIDE 3 Horry County

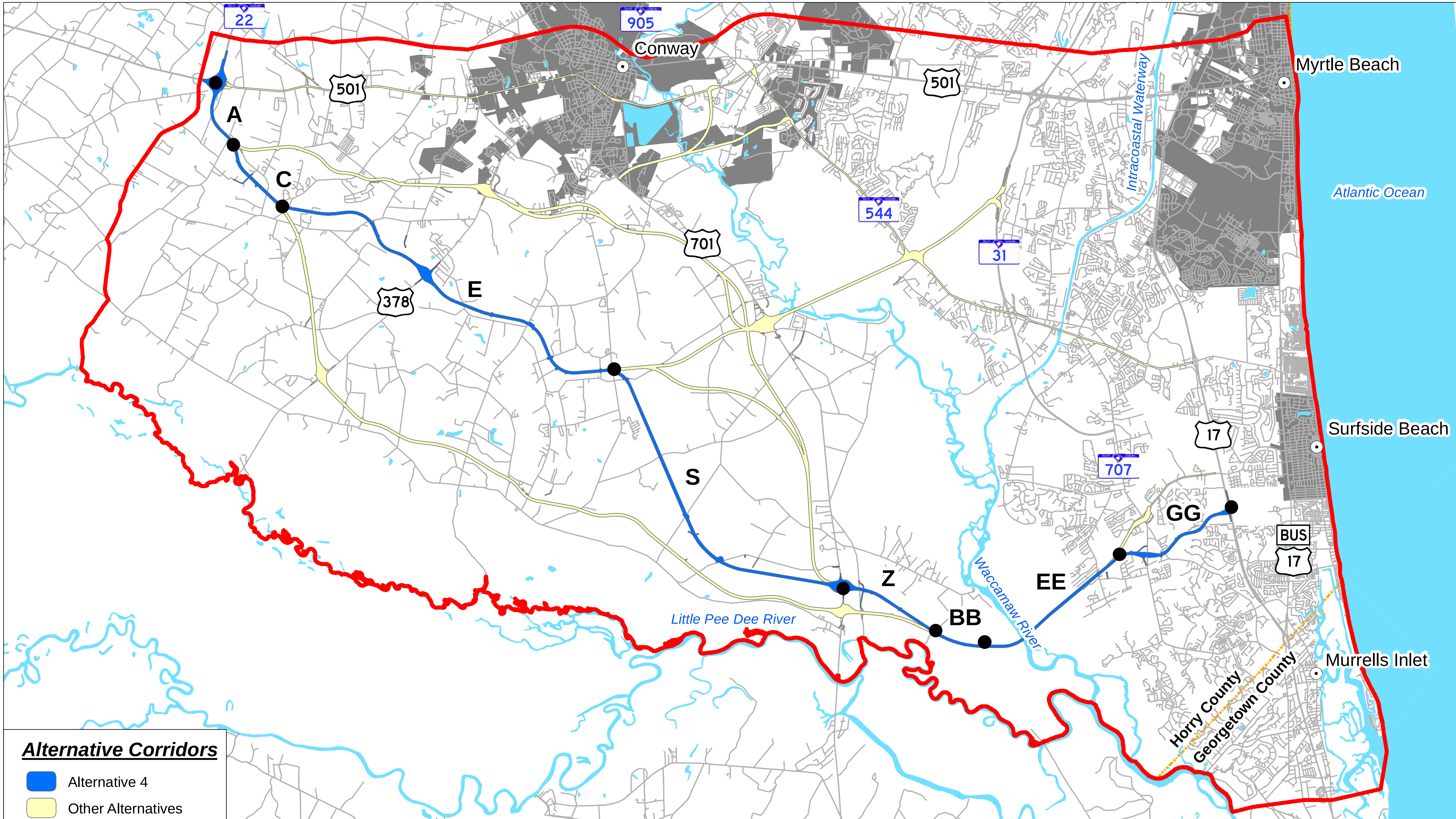
SELL Conceptual
Alternative 3

Legend

- Project Study Area
- City
- Road Network
- Water Body/River
- County Boundary
- Municipal Area

0 2 4 Miles

N



SCDOT RIDE3 Horry County

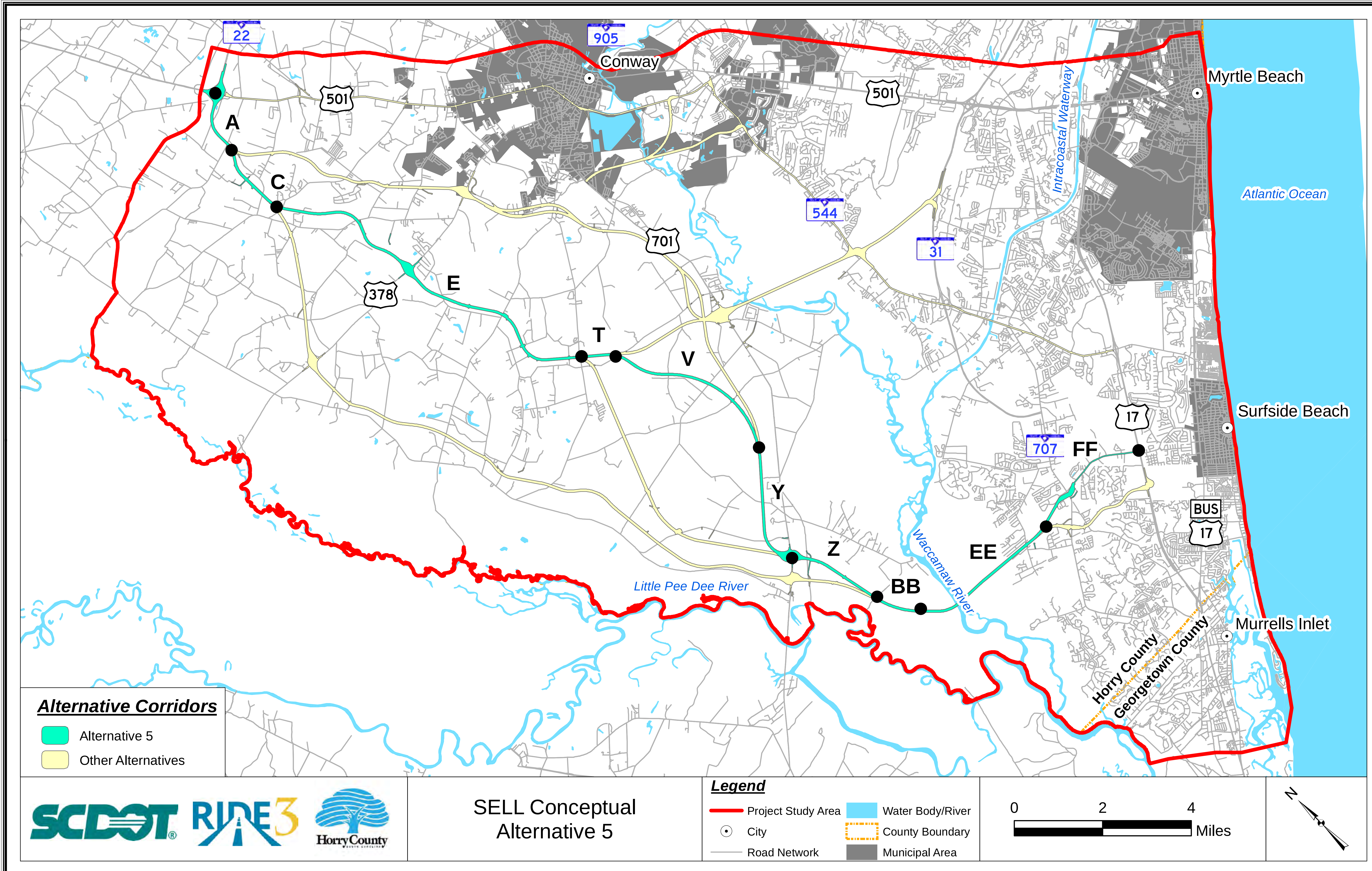
SELL Conceptual
Alternative 4

Legend

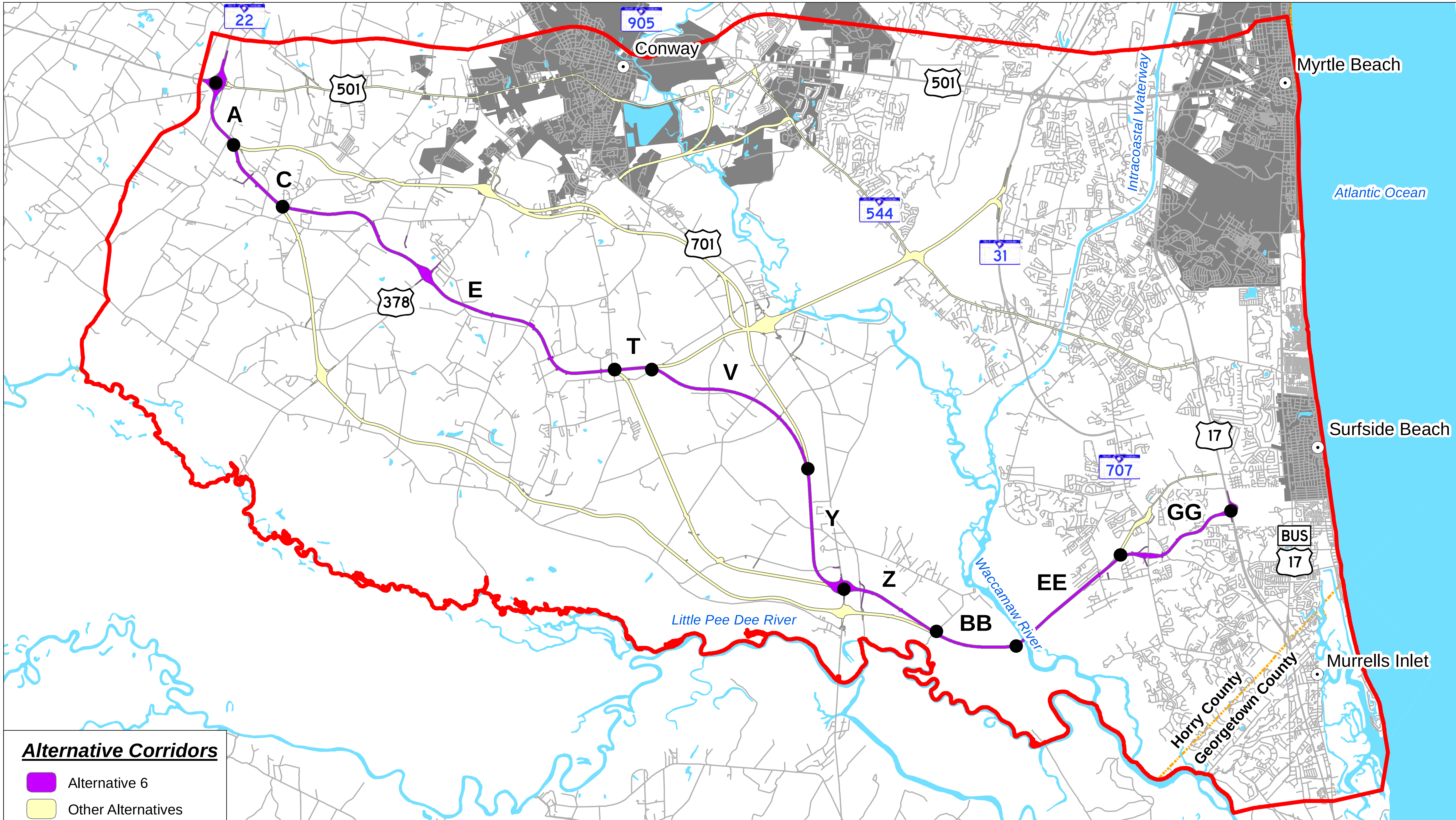
Project Study Area
Water Body/River
City
County Boundary
Road Network
Municipal Area

0 2 4 Miles

N



22
905
Conway
501
501
Myrtle Beach
Intracoastal Waterway
Atlantic Ocean
544
31
701
378
A
C
E
T
V
Y
Z
BB
EE
FF
17
707
Surfside Beach
BUS
17
Waccamaw River
Little Pee Dee River
Murrells Inlet
Horry County
Georgetown County
Alternative Corridors
Alternative 5
Other Alternatives
SCDOT
RIDE3
Horry County
SELL Conceptual
Alternative 5
Legend
Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area
0
2
4
Miles
N



SCDOT RIDE3 Horry County

SELL Conceptual
Alternative 6

Legend

Project Study Area

City

Road Network

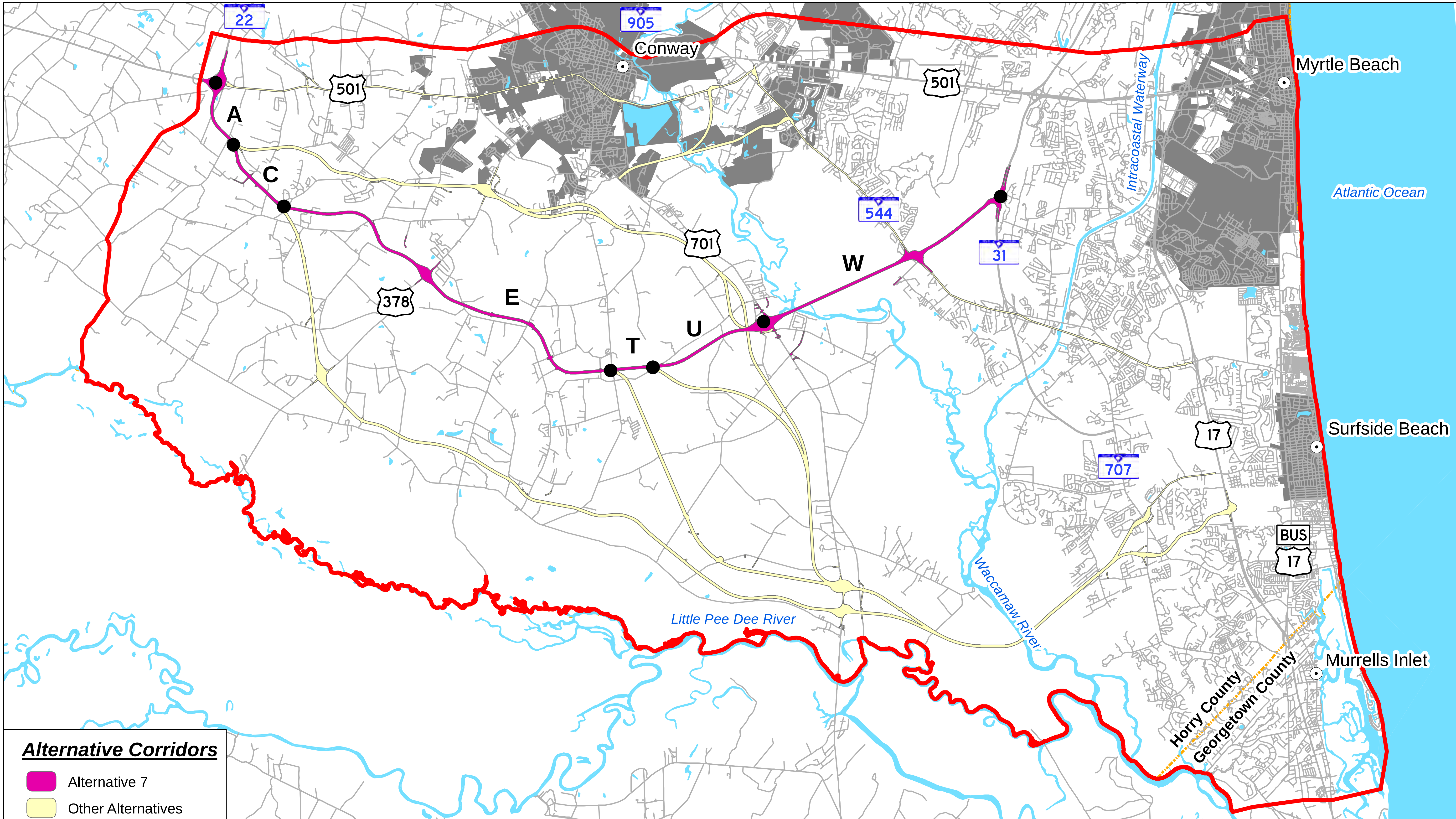
Water Body/River

County Boundary

Municipal Area

0 2 4 Miles

N



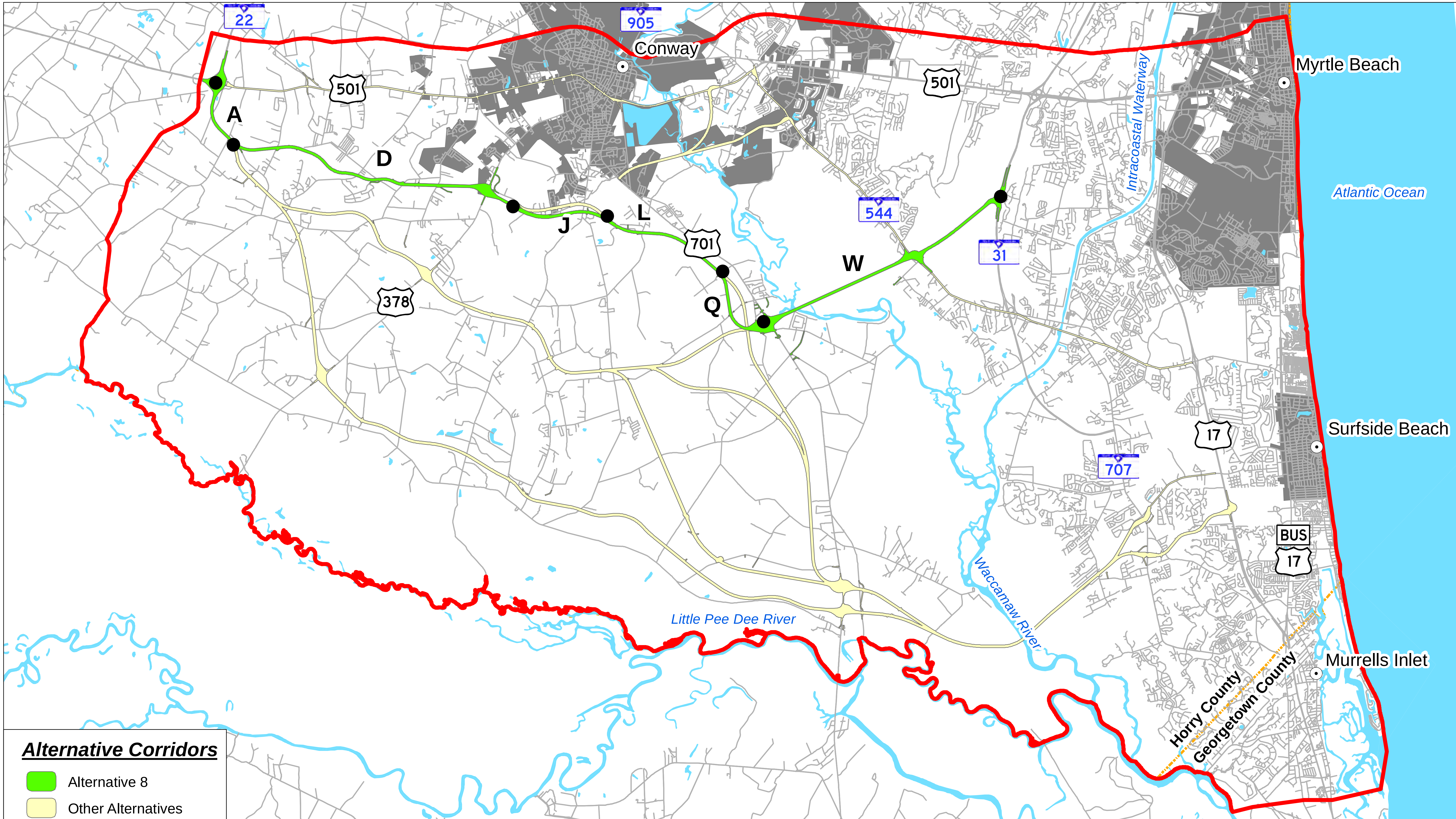
SELL Conceptual
Alternative 7

Legend

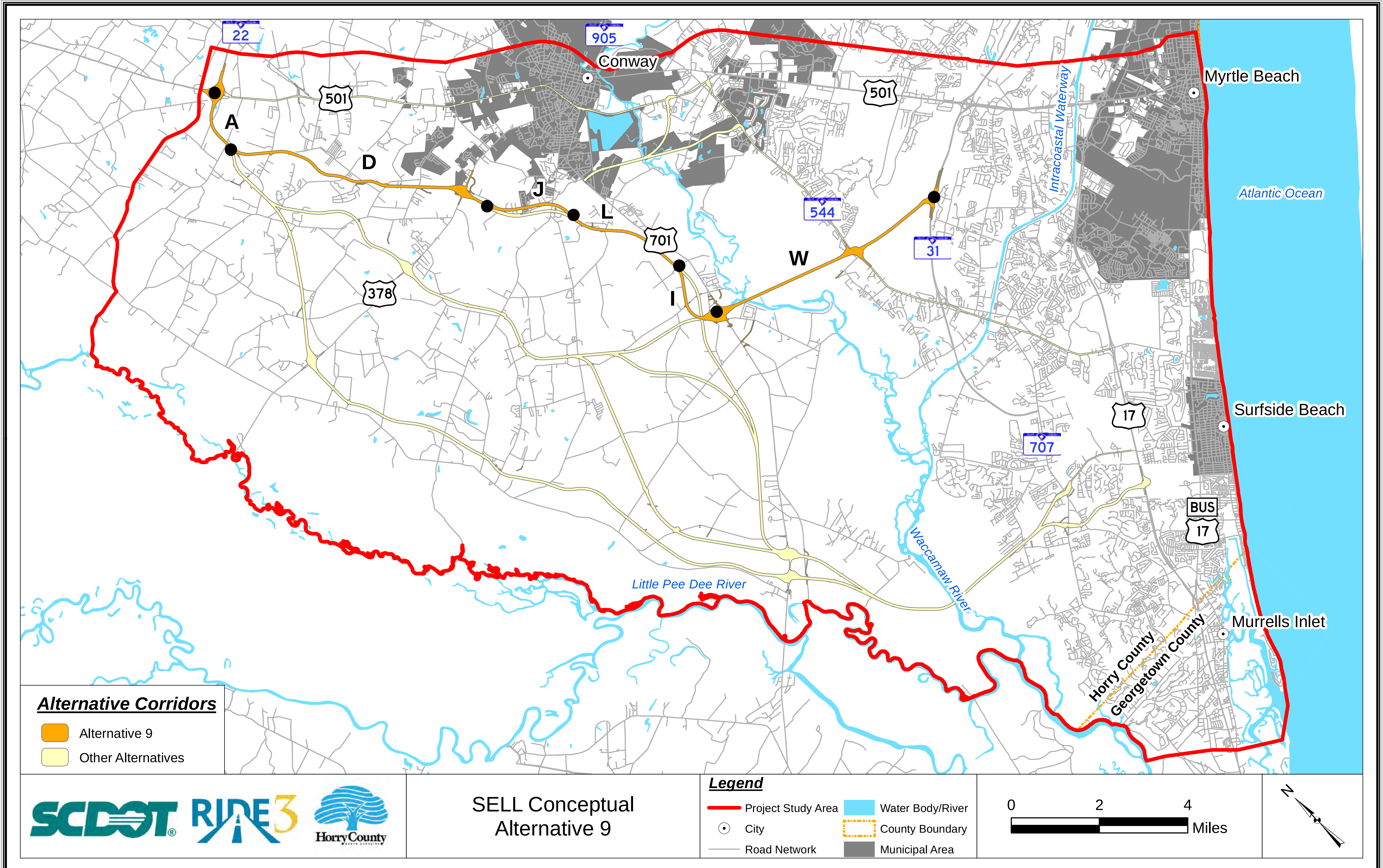
Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area

0 2 4 Miles

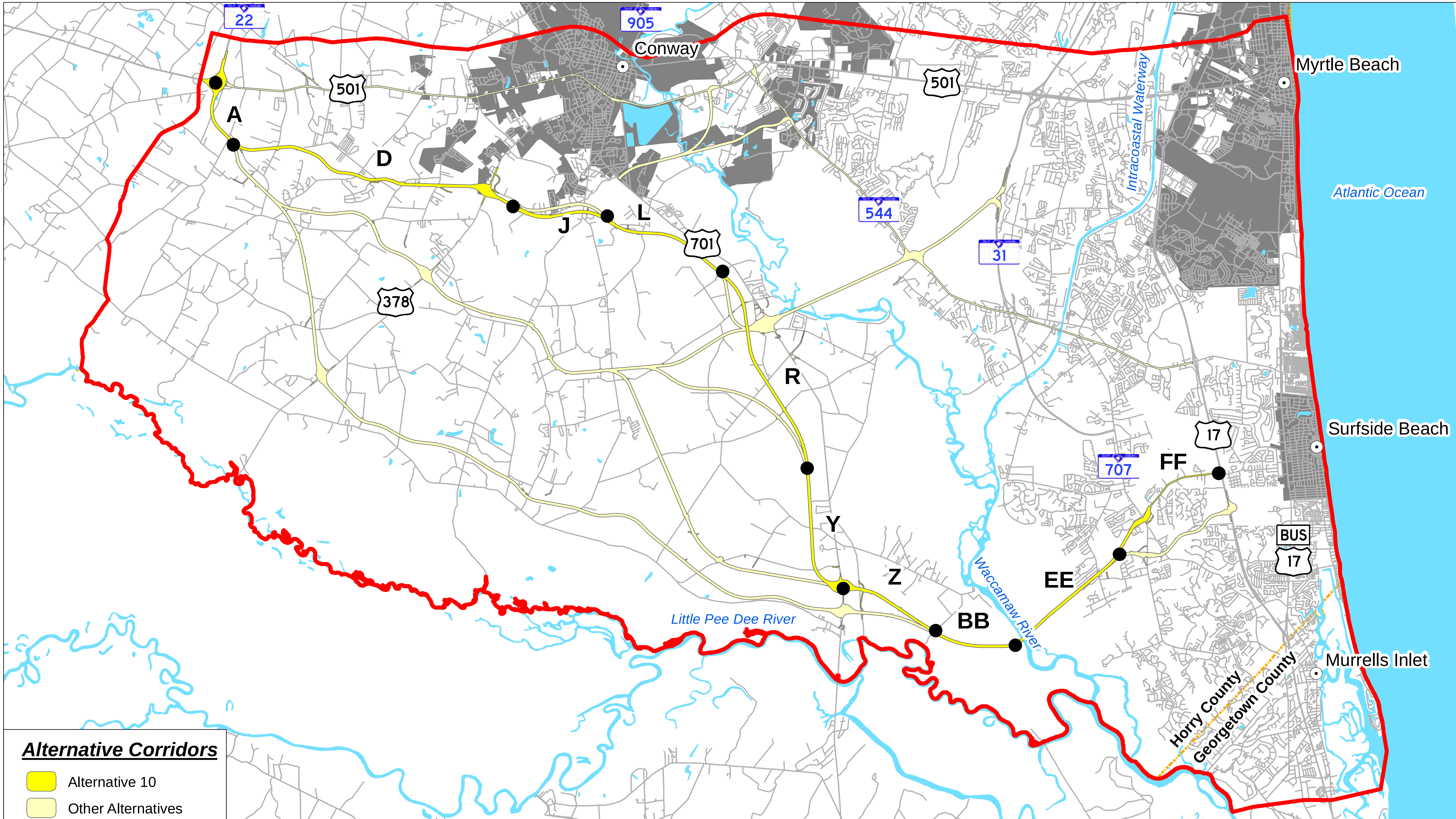
N



SELL Conceptual
Alternative 8



SELL Conceptual
Alternative 9



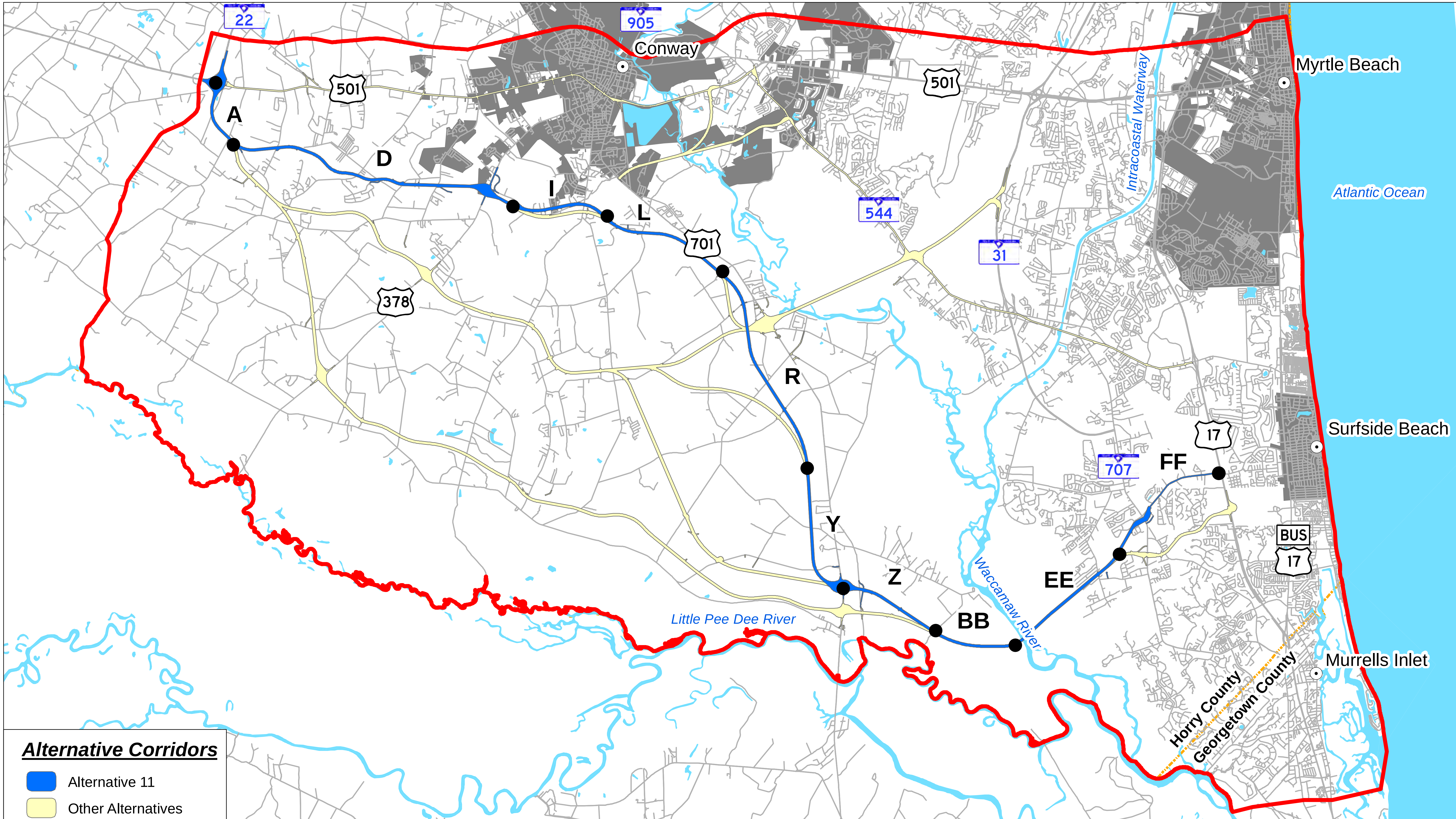
SELL Conceptual
Alternative 10

Legend

- Project Study Area
- City
- Road Network
- Water Body/River
- County Boundary
- Municipal Area

0 2 4 Miles

N

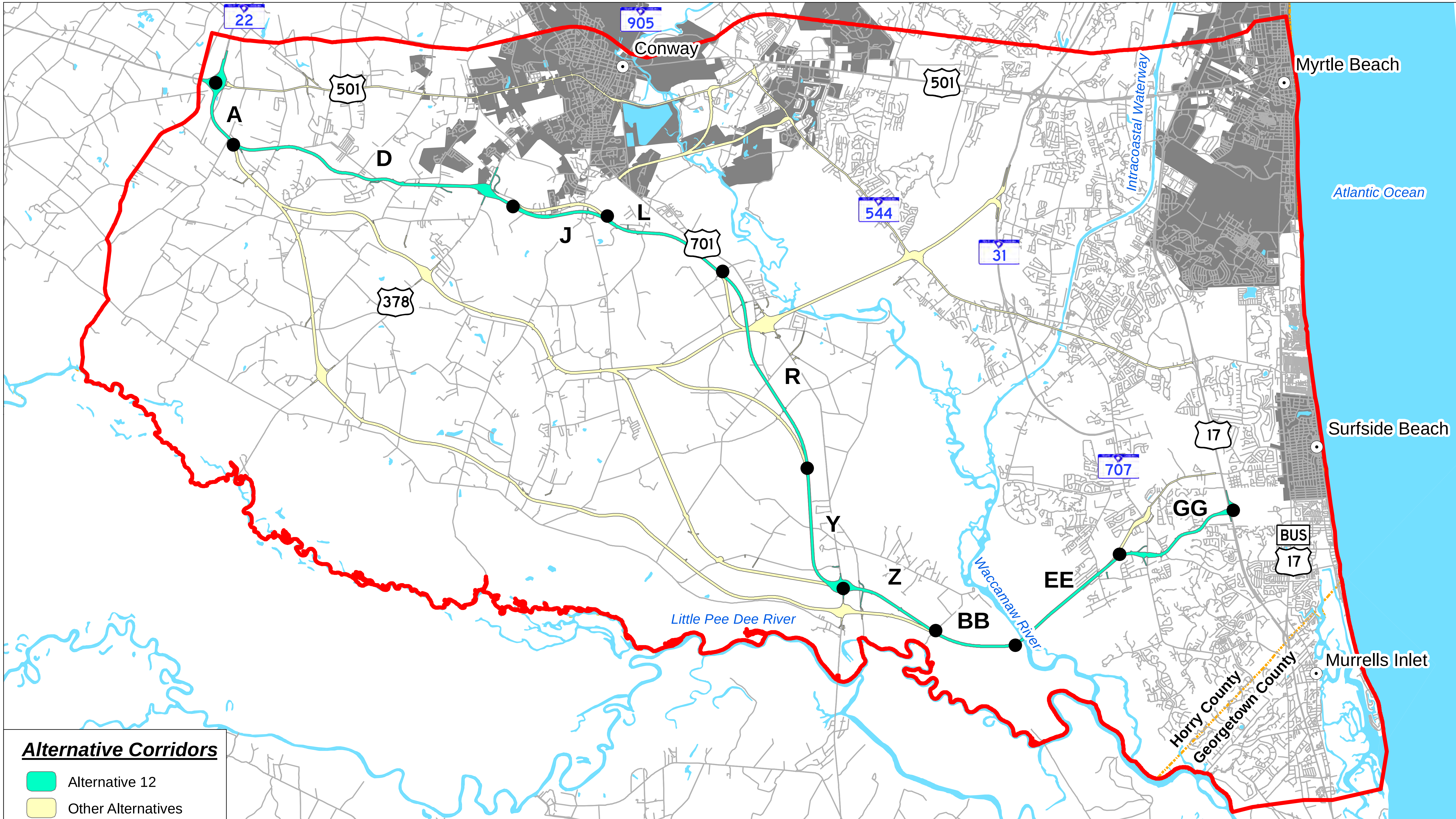


SELL Conceptual
Alternative 11

Legend

Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area

0 2 4 Miles



SCDOT RIDE3 Horry County

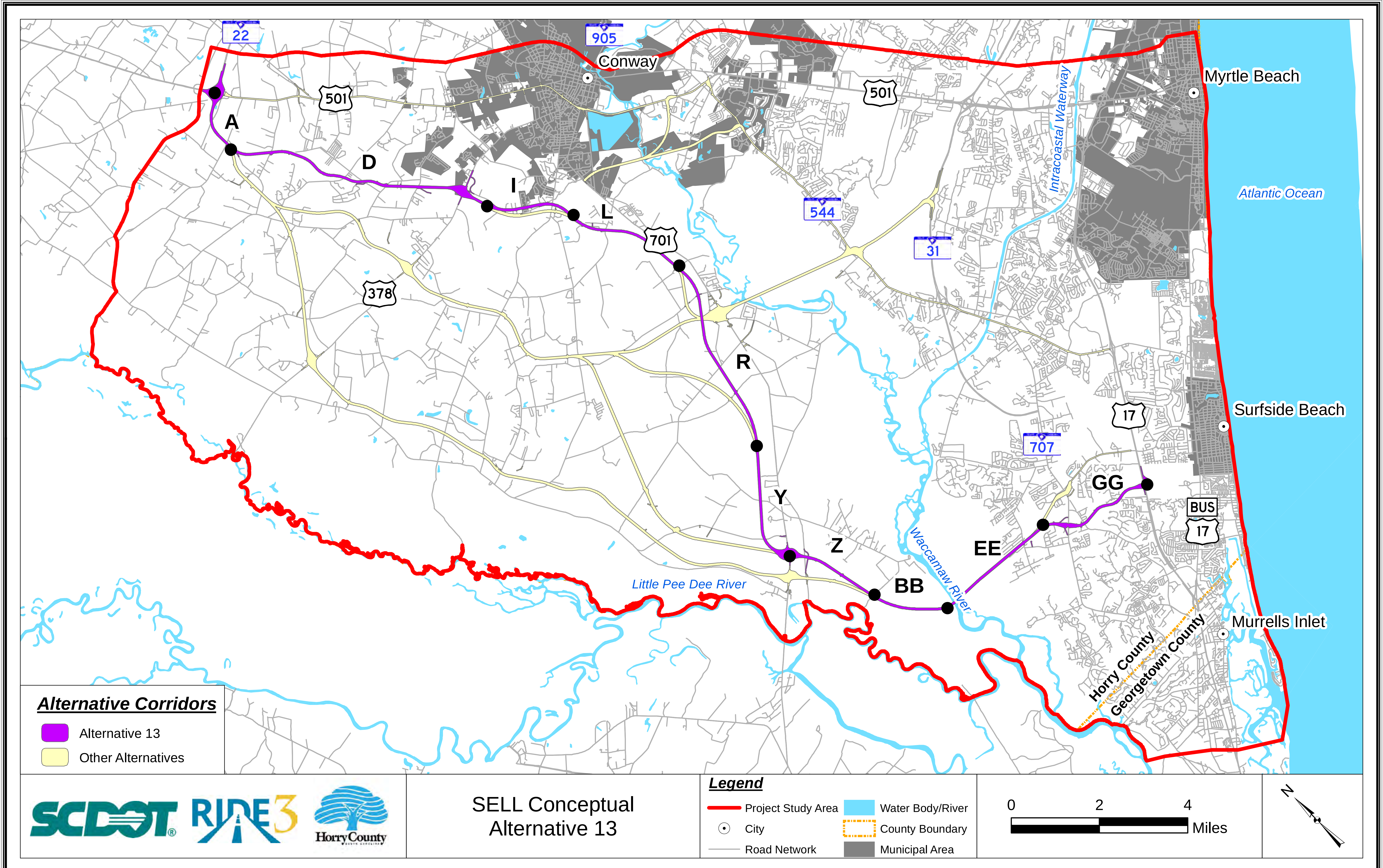
SELL Conceptual
Alternative 12

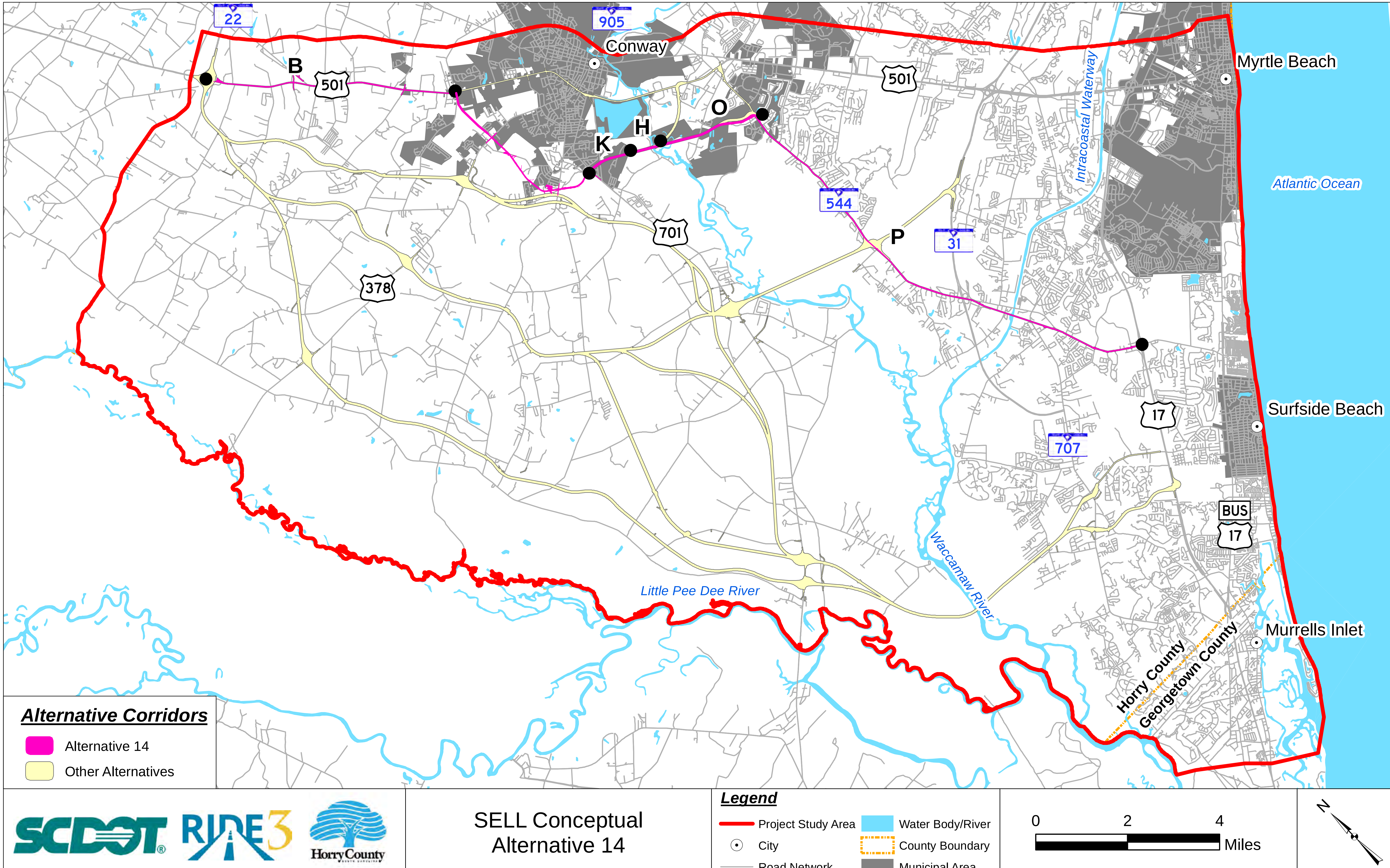
Legend

Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area

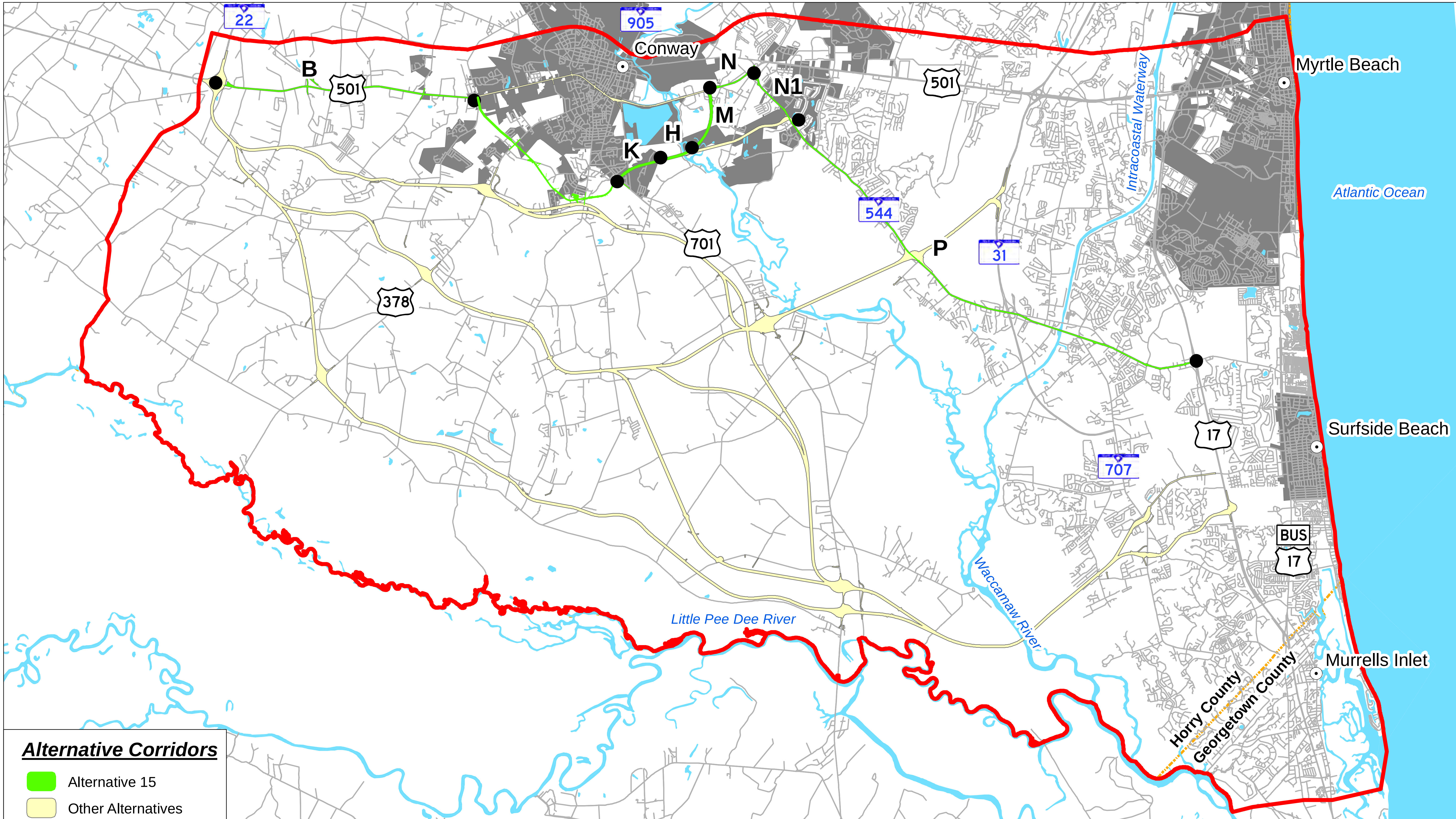
0 2 4 Miles

N


22
905
Conway
501
501
Myrtle Beach
Intracoastal Waterway
Atlantic Ocean
A
D
I
L
701
544
31
378
R
Surfside Beach
17
707
GG
BUS
17
Y
Z
EE
Waccamaw River
BB
Little Pee Dee River
Murrells Inlet
Horry County
Georgetown County
Alternative Corridors
Alternative 13
Other Alternatives
SCDOT
RIDE3
Horry County
SELL Conceptual
Alternative 13
Legend
Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area
0
2
4
Miles
N



SELL Conceptual
Alternative 14



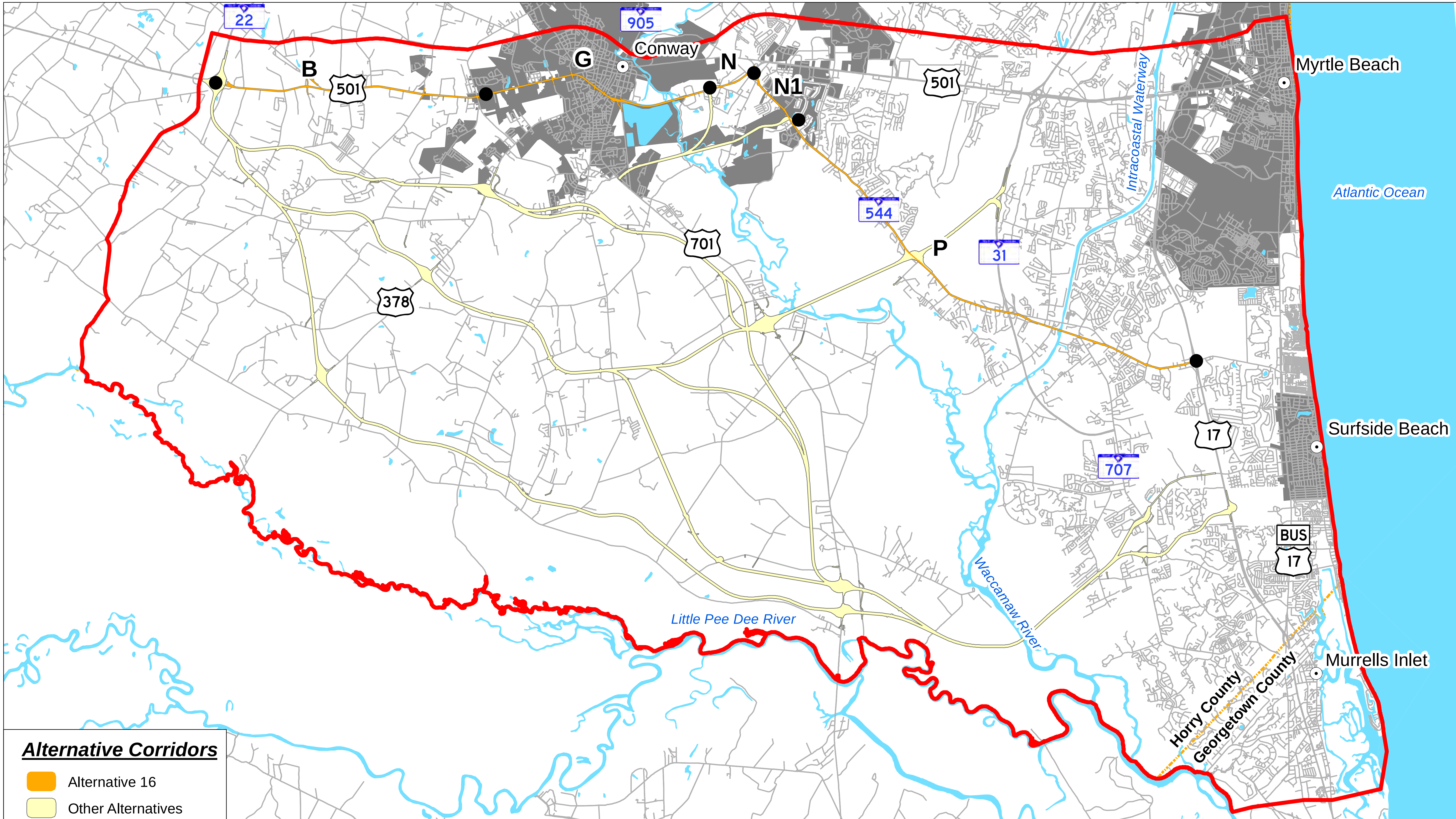
SELL Conceptual
Alternative 15

Legend

- Project Study Area
- City
- Road Network
- Water Body/River
- County Boundary
- Municipal Area

0 2 4 Miles

N



SELL Conceptual
Alternative 16

Legend

Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area

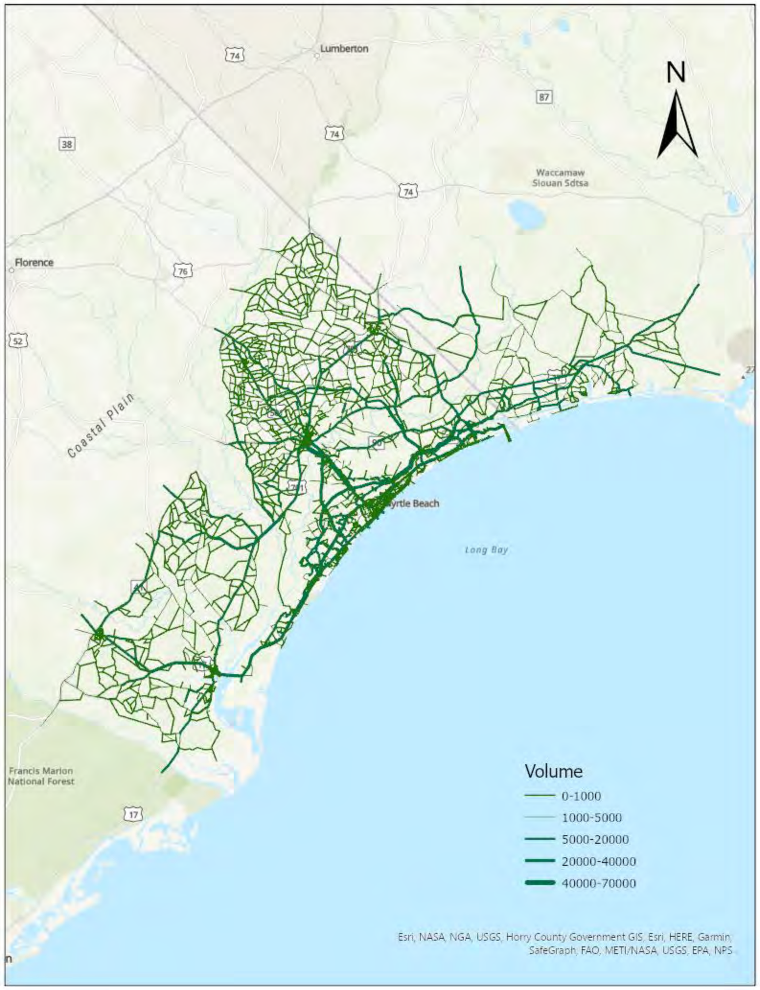
0 2 4 Miles

N

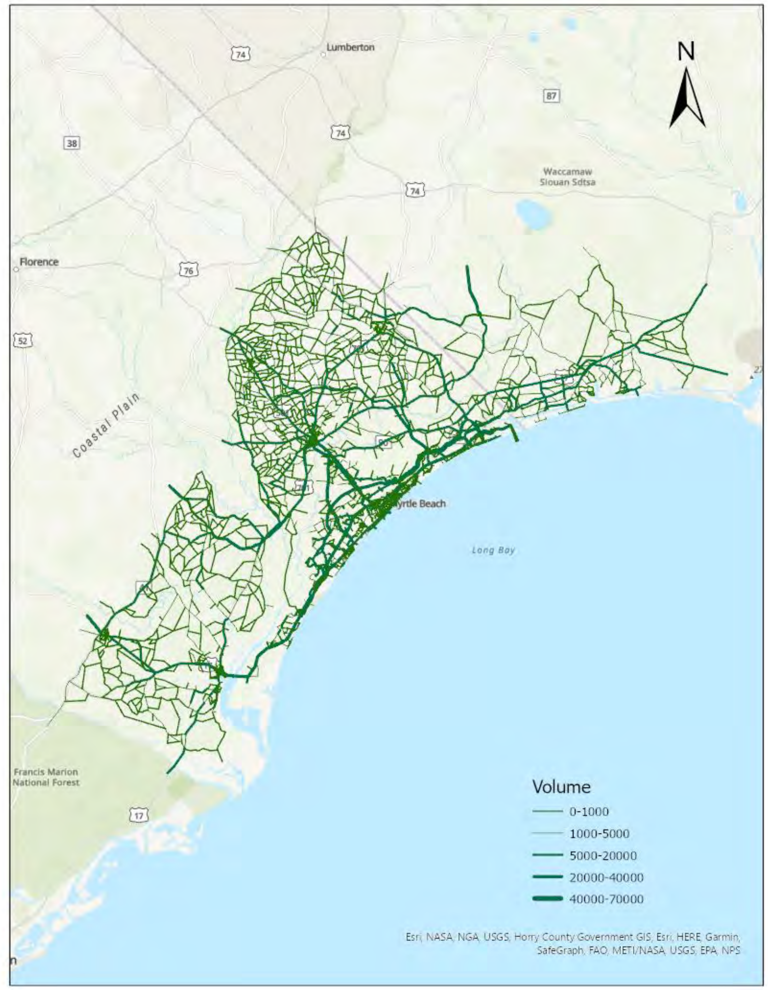
Appendix D – Traffic Flow Maps

No Build

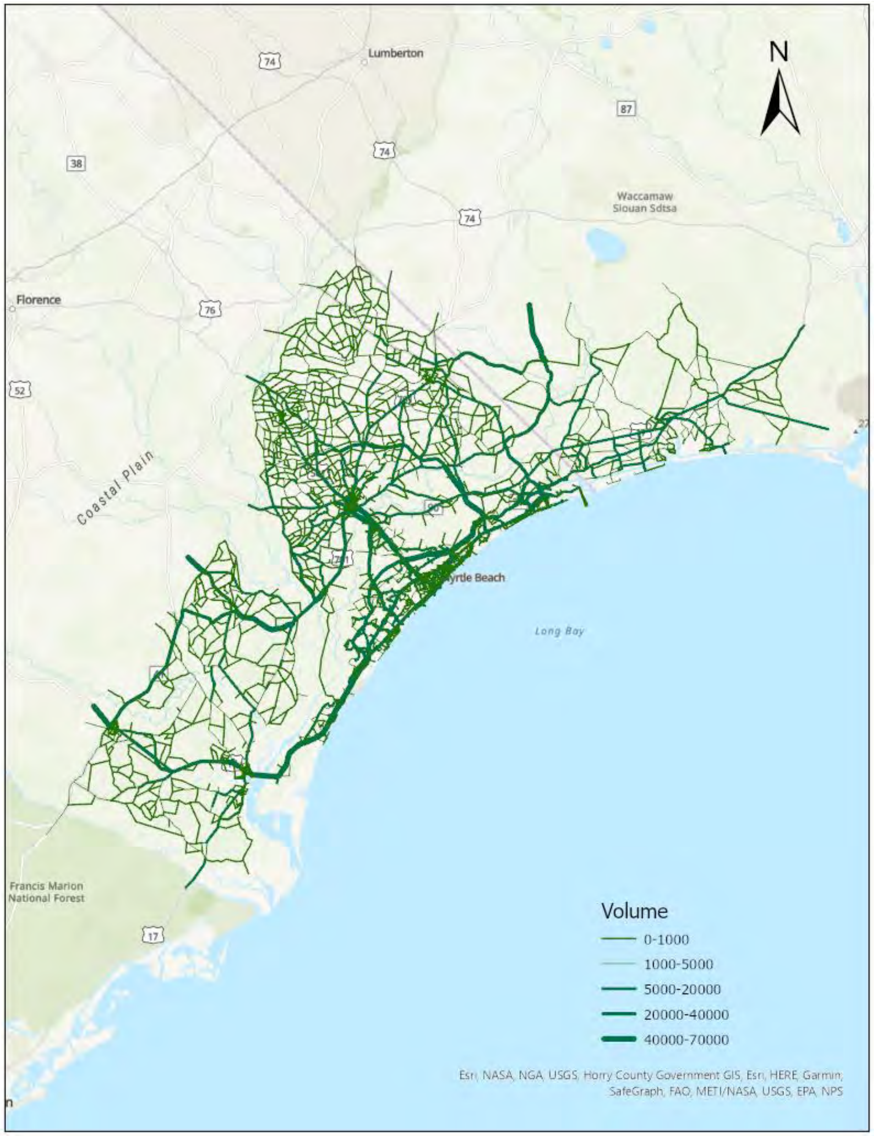
Scenario1



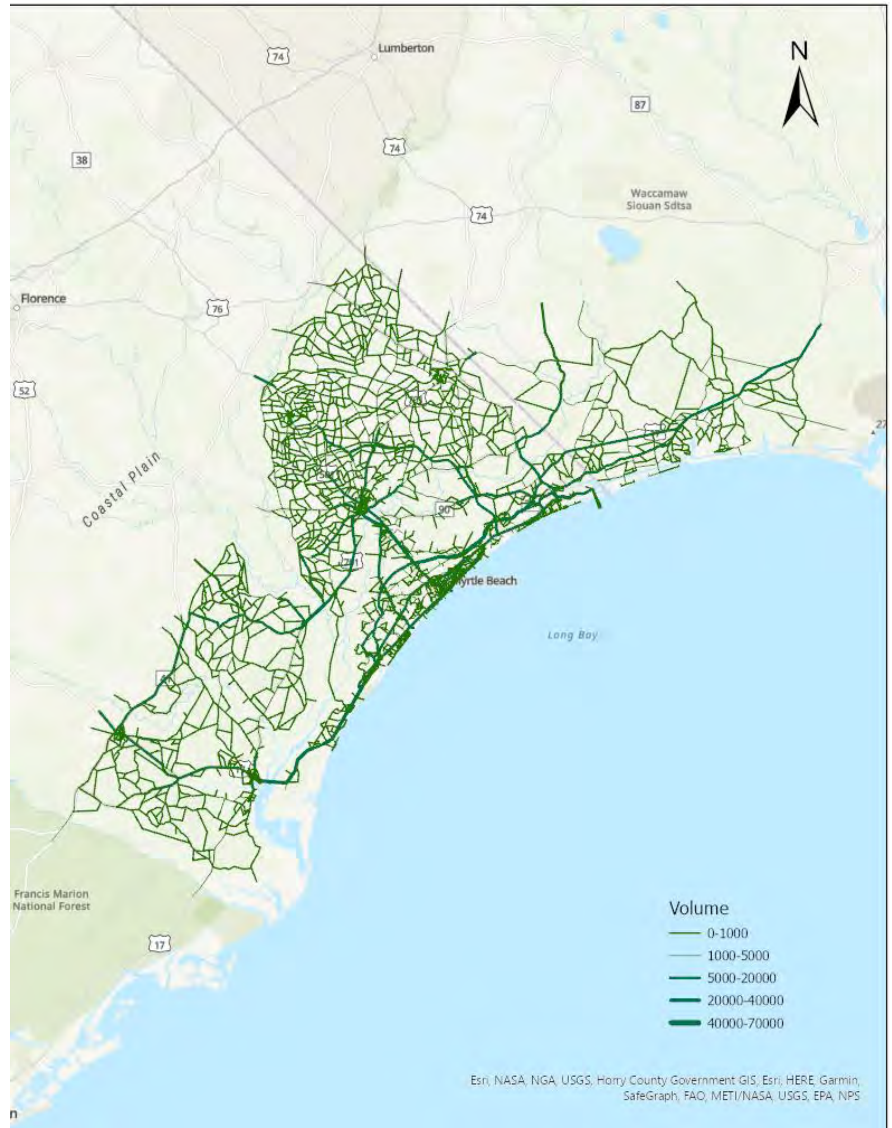
Scenario2



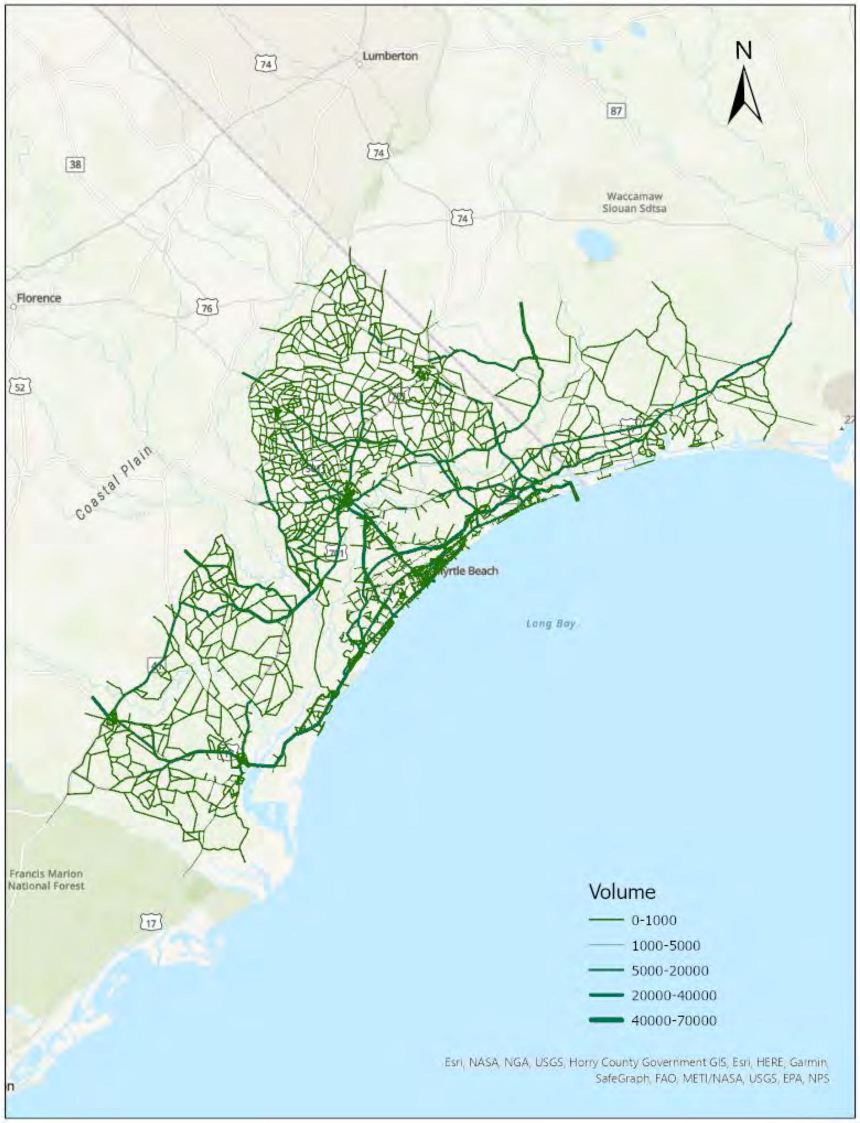
Scenario3



Scenario4



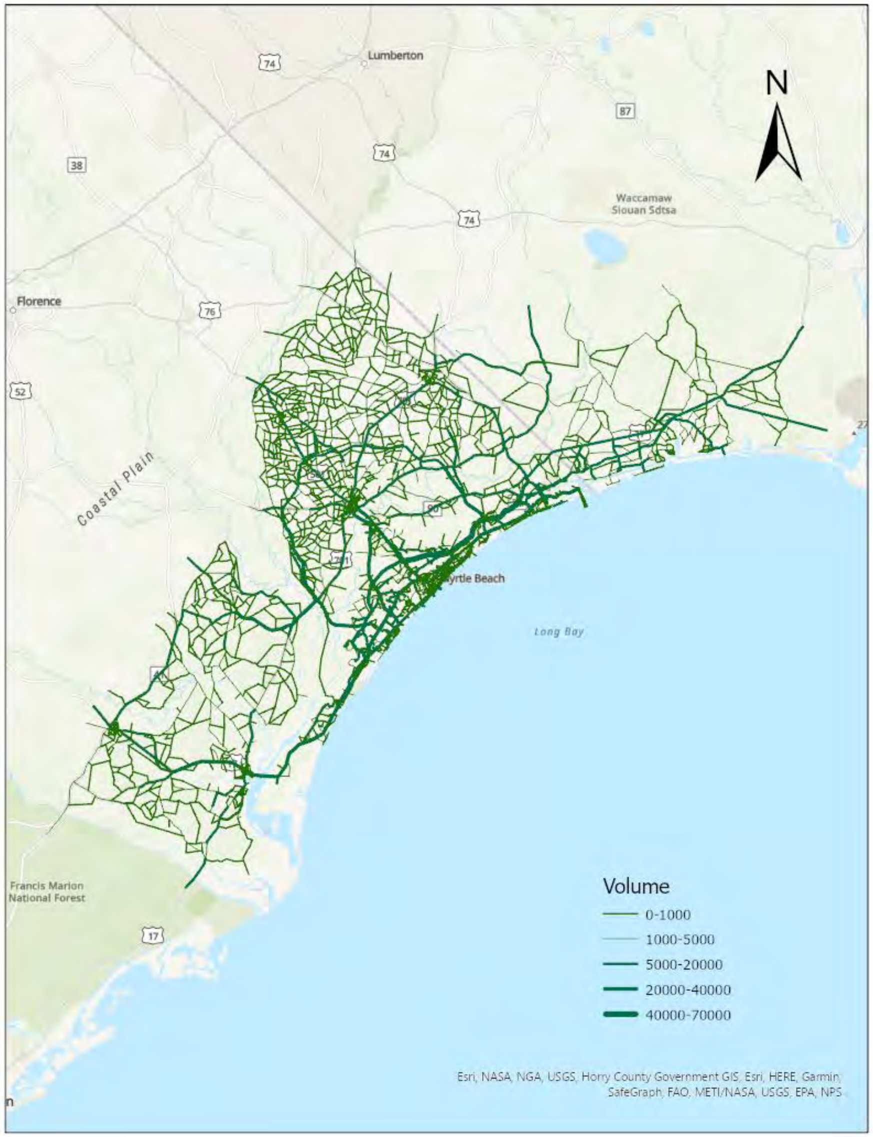
Scenario5



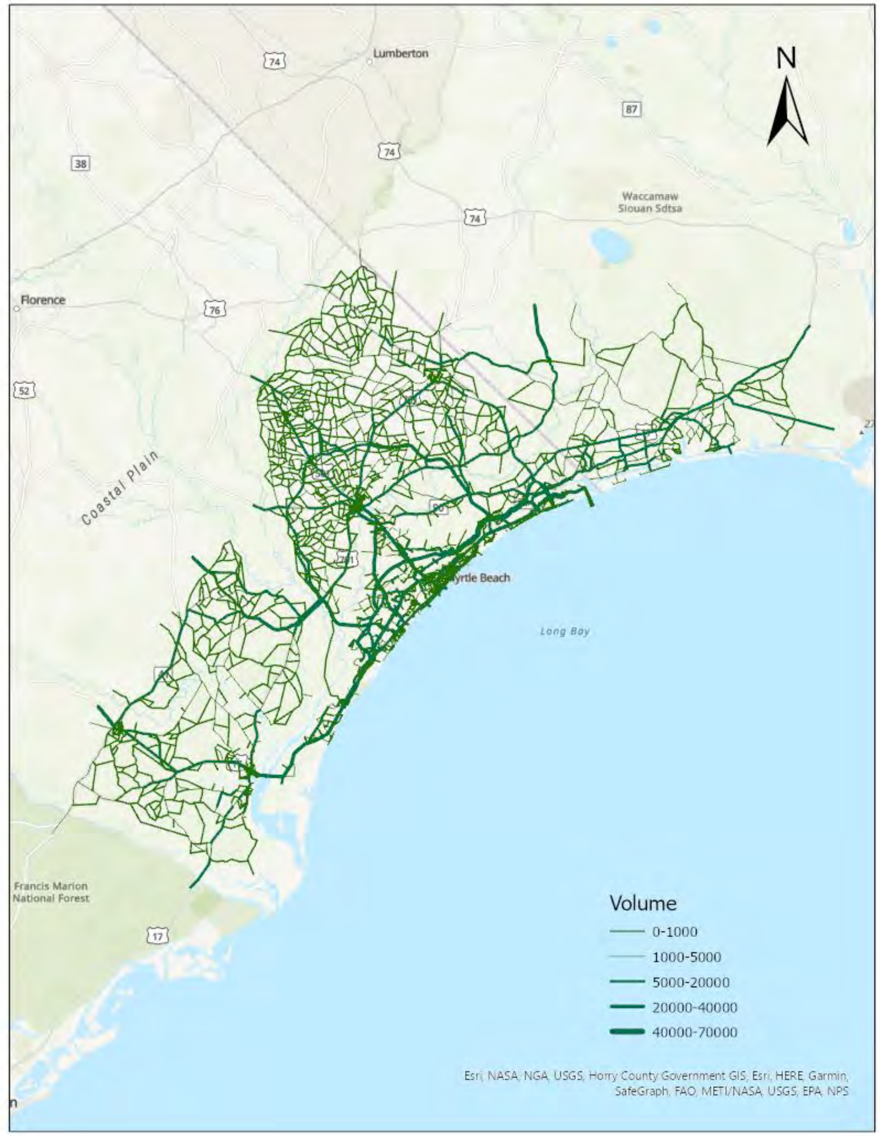
Scenario6

Alternative 1

Scenario1

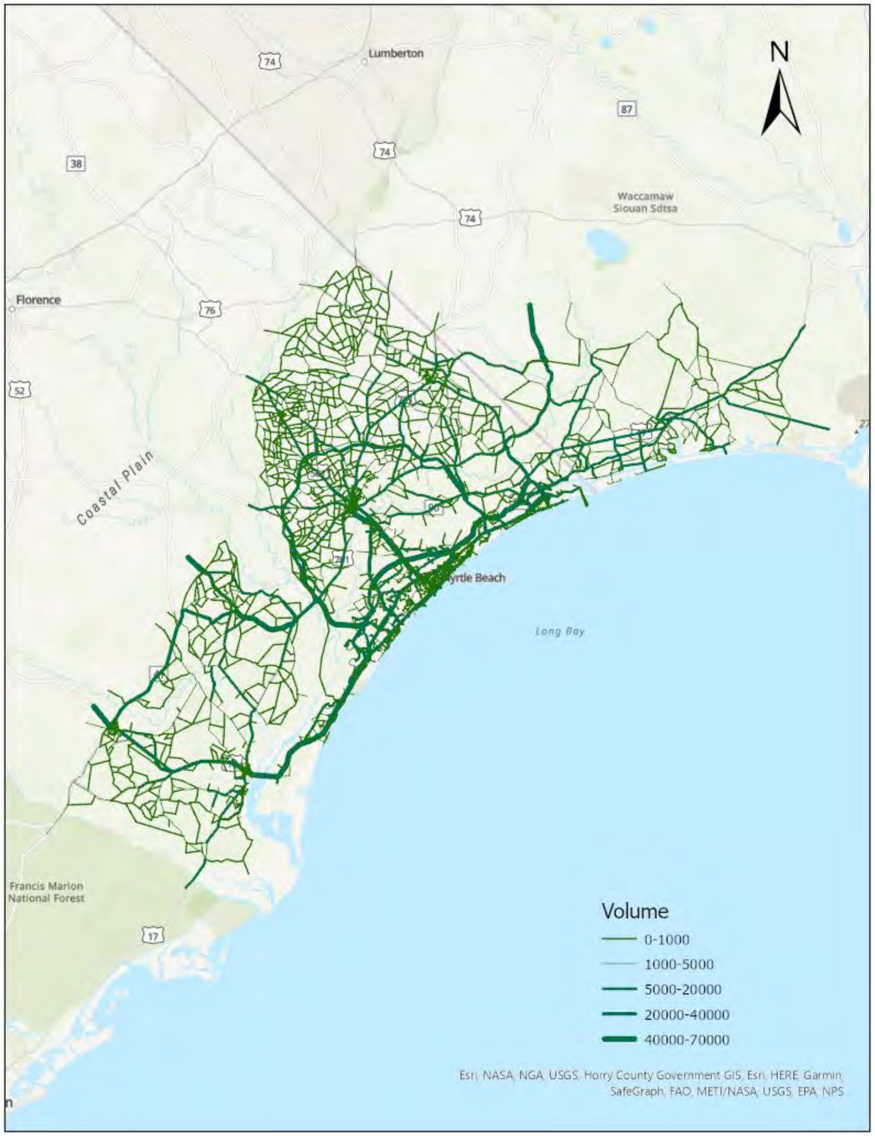


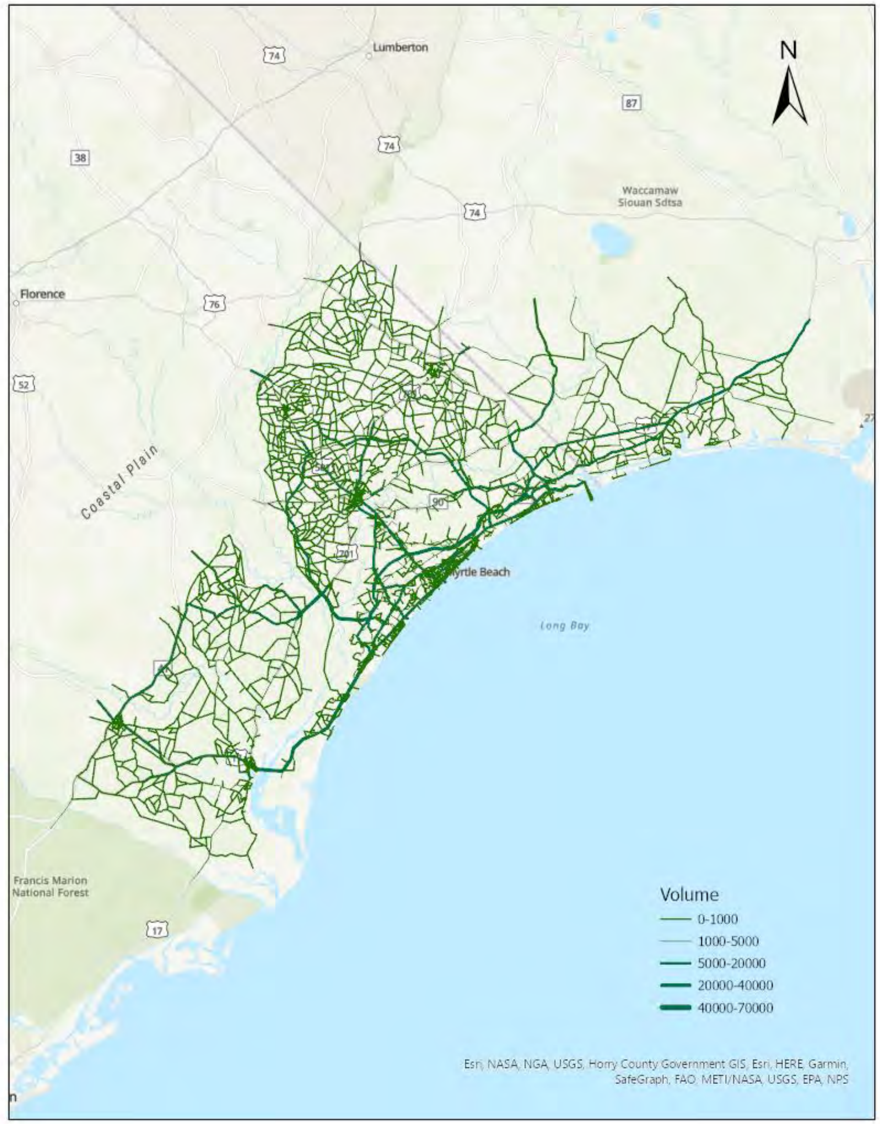
Scenario2



Scenario3

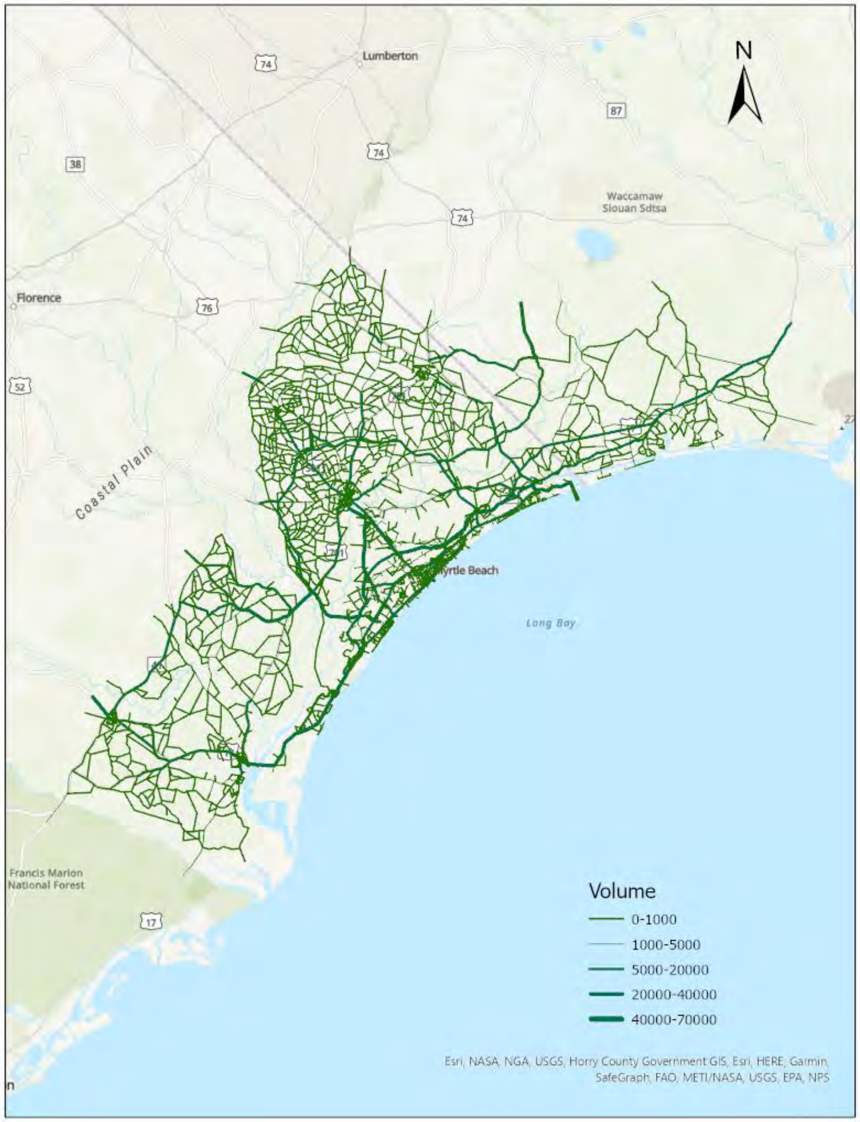
Scenario4

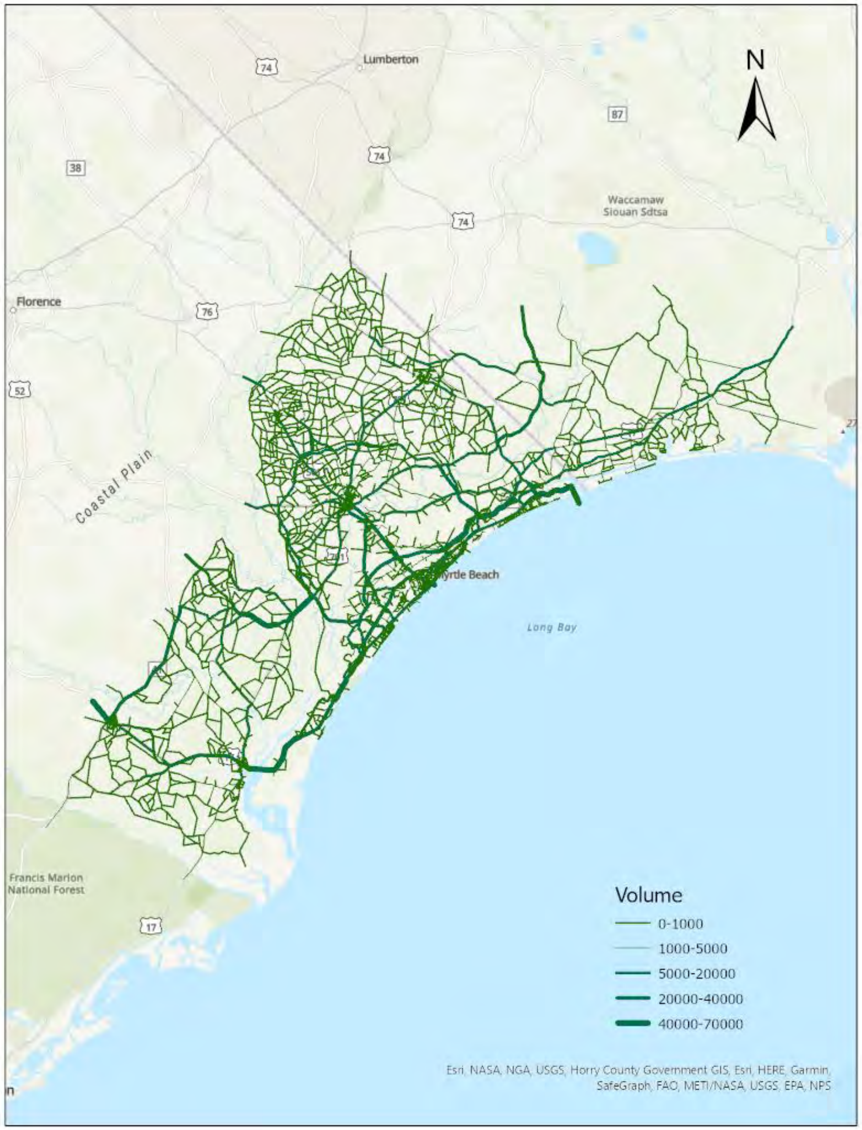




Scenario5

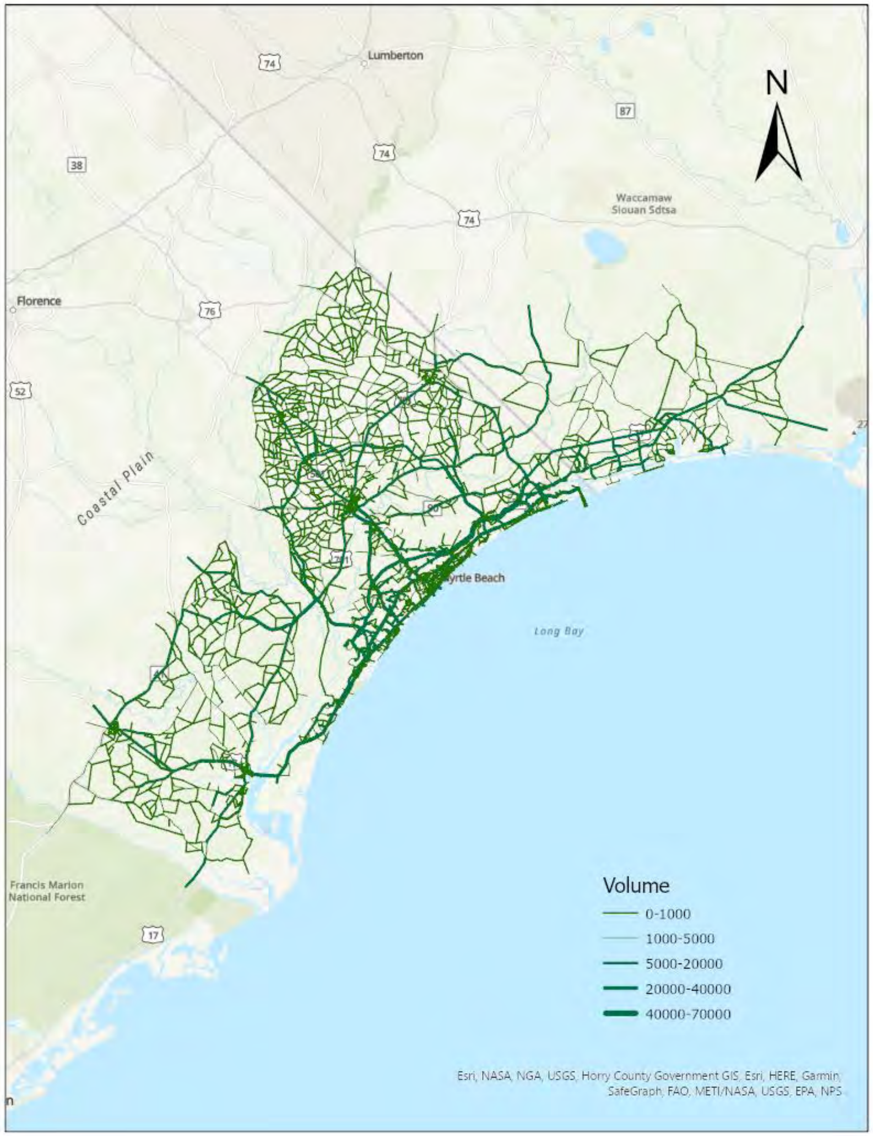
Scenario6





Alternative 2

Scenario1 **Scenario2**



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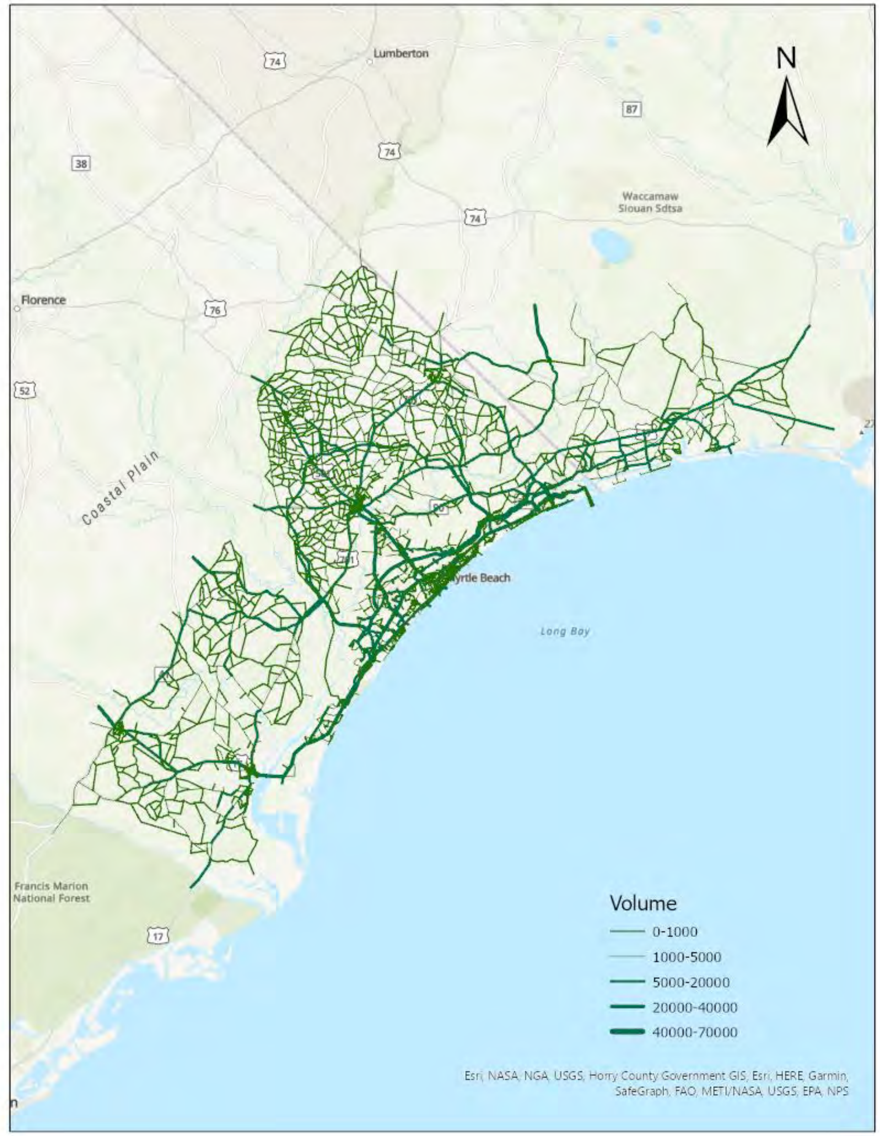
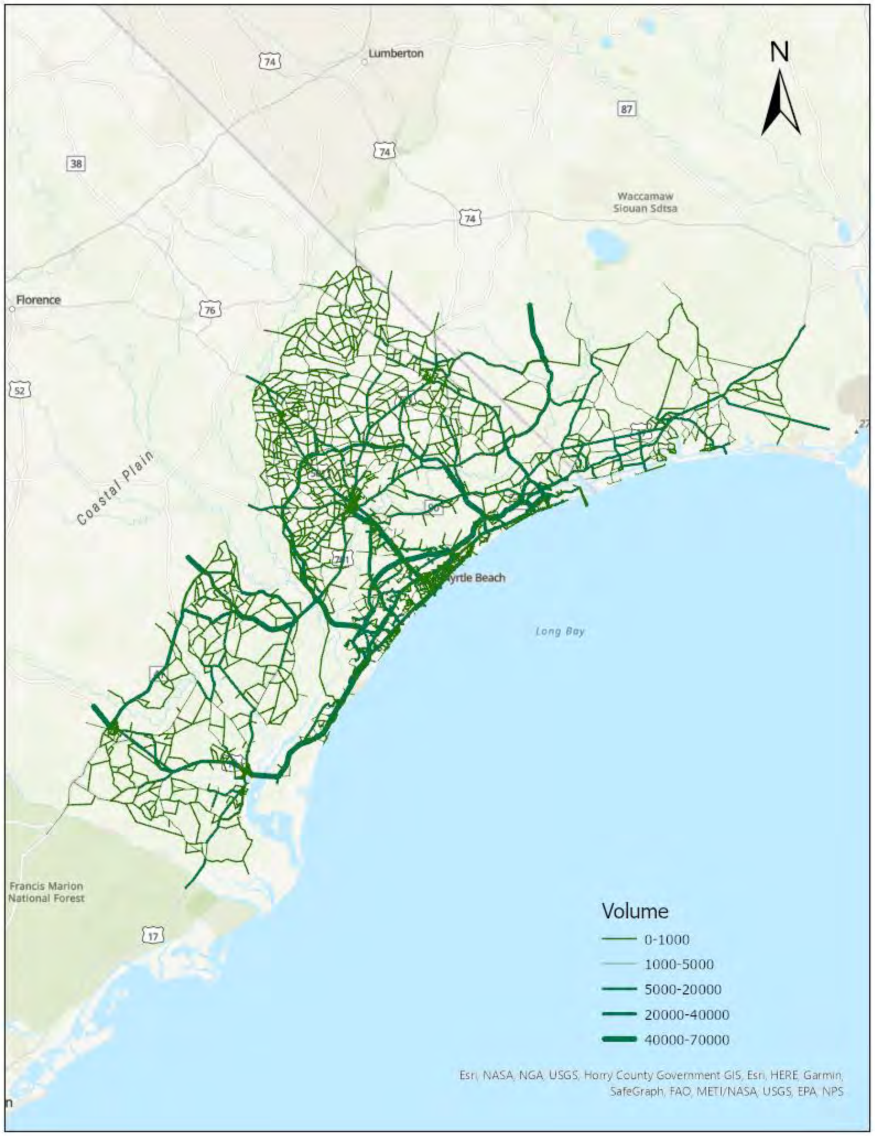
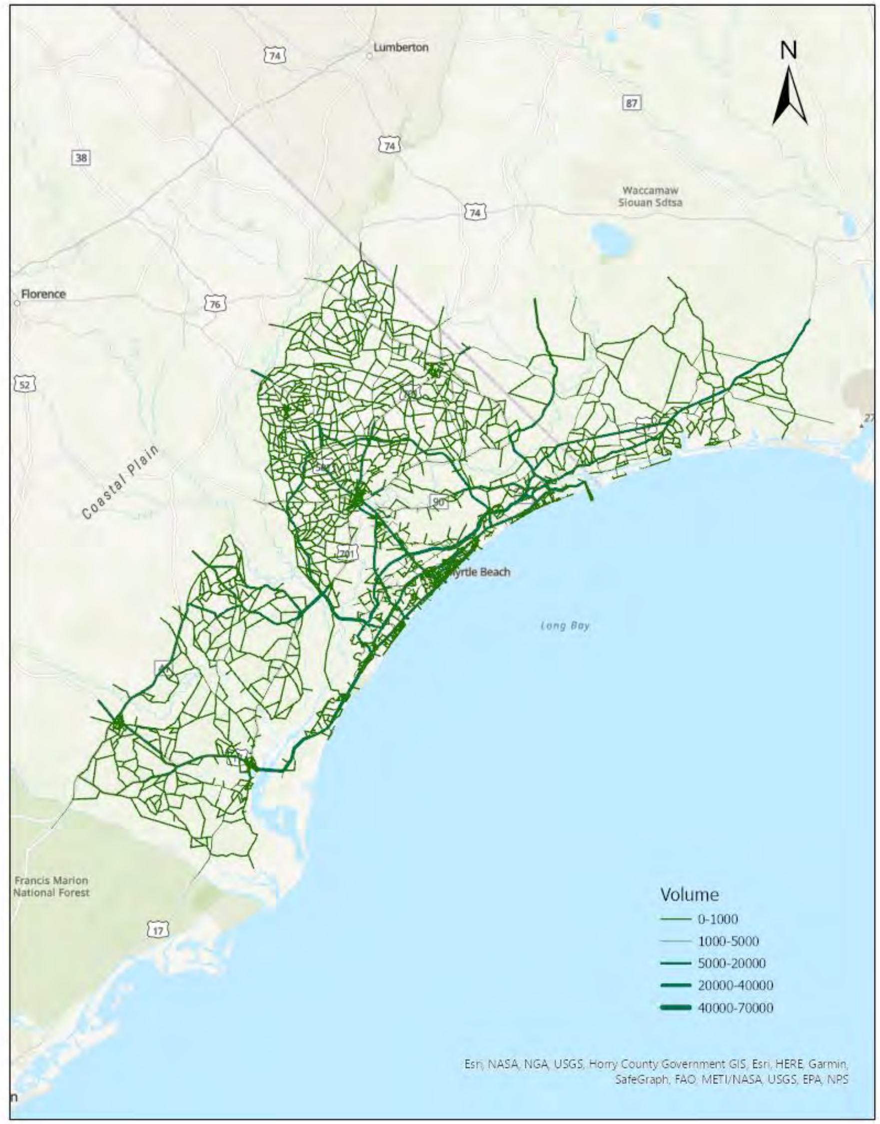


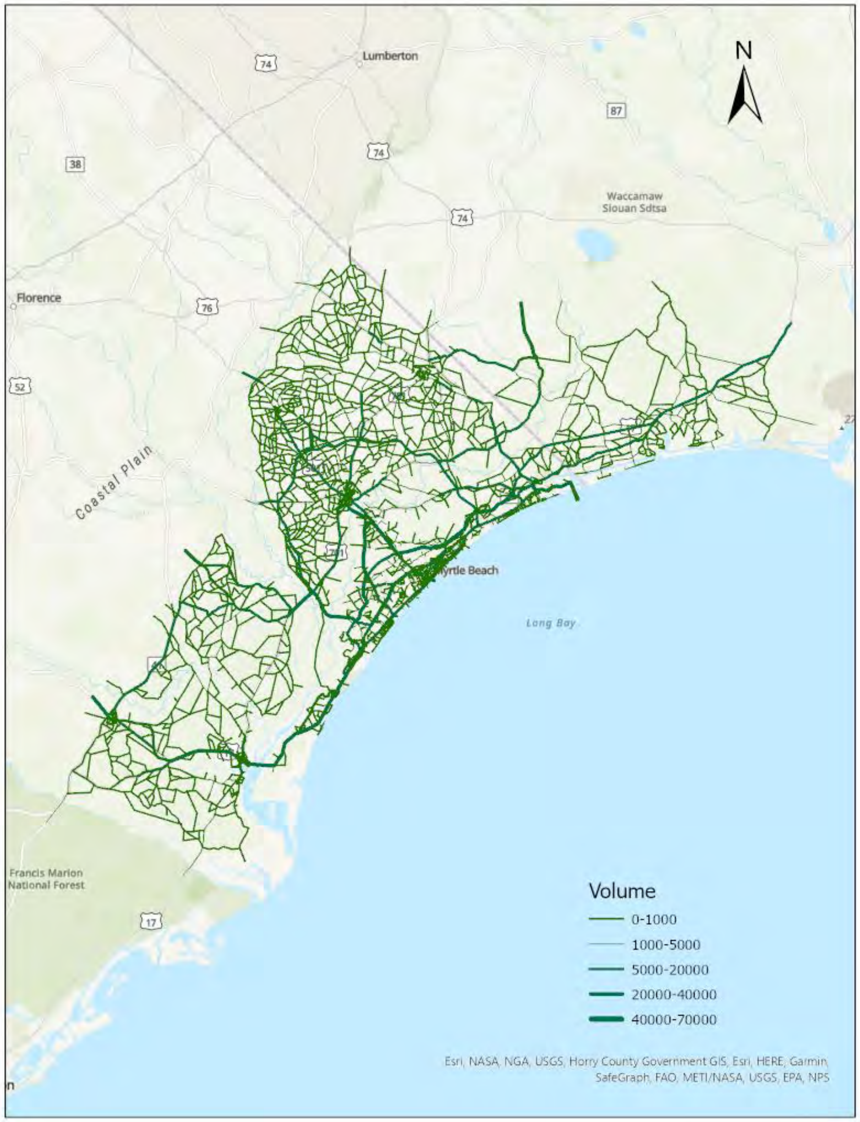
Scenario4



Scenario5



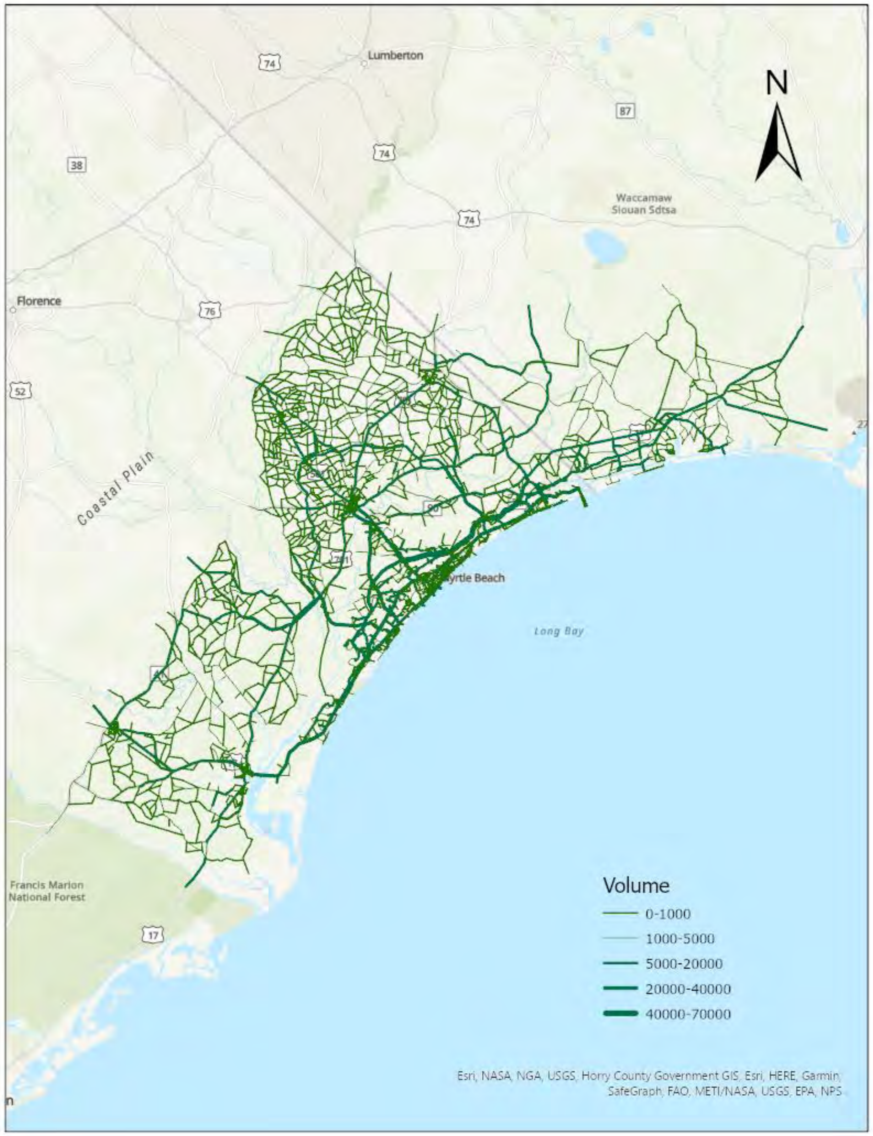
Scenario6



Alternative 3

Scenario1

Scenario2



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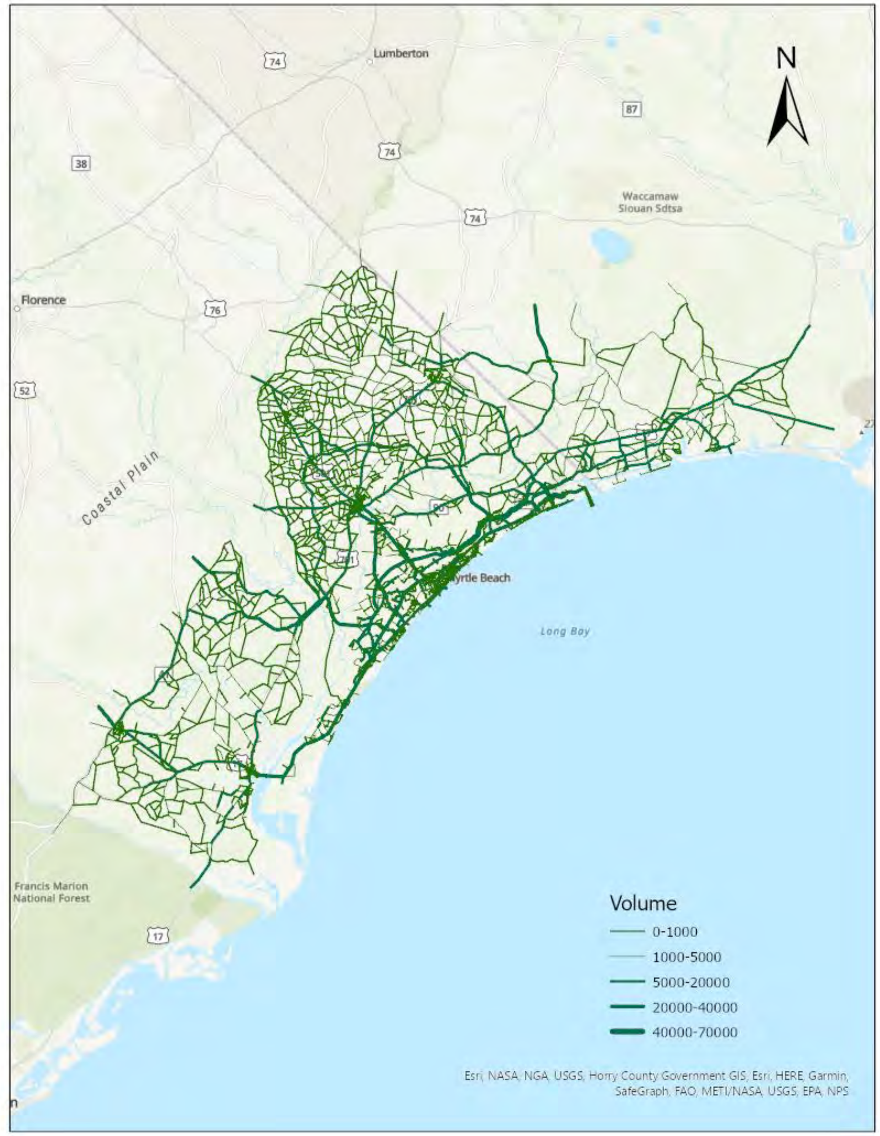

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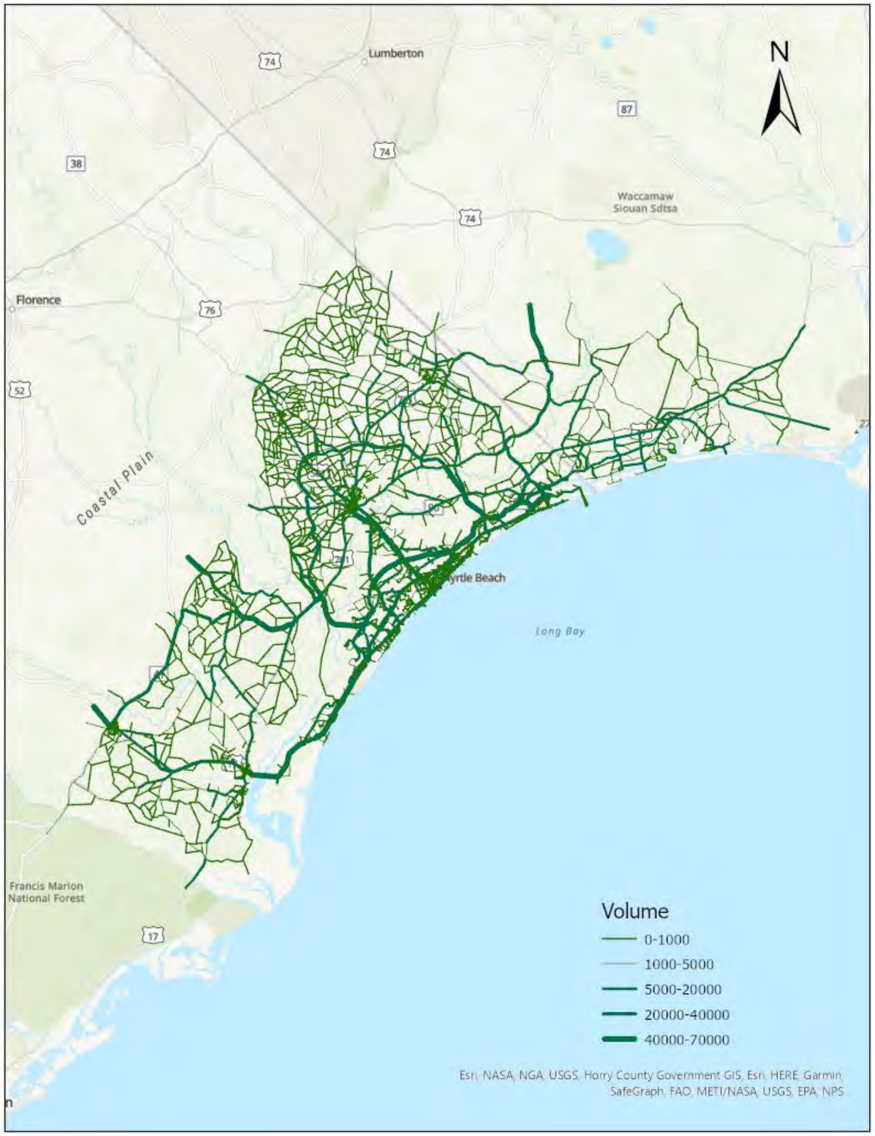
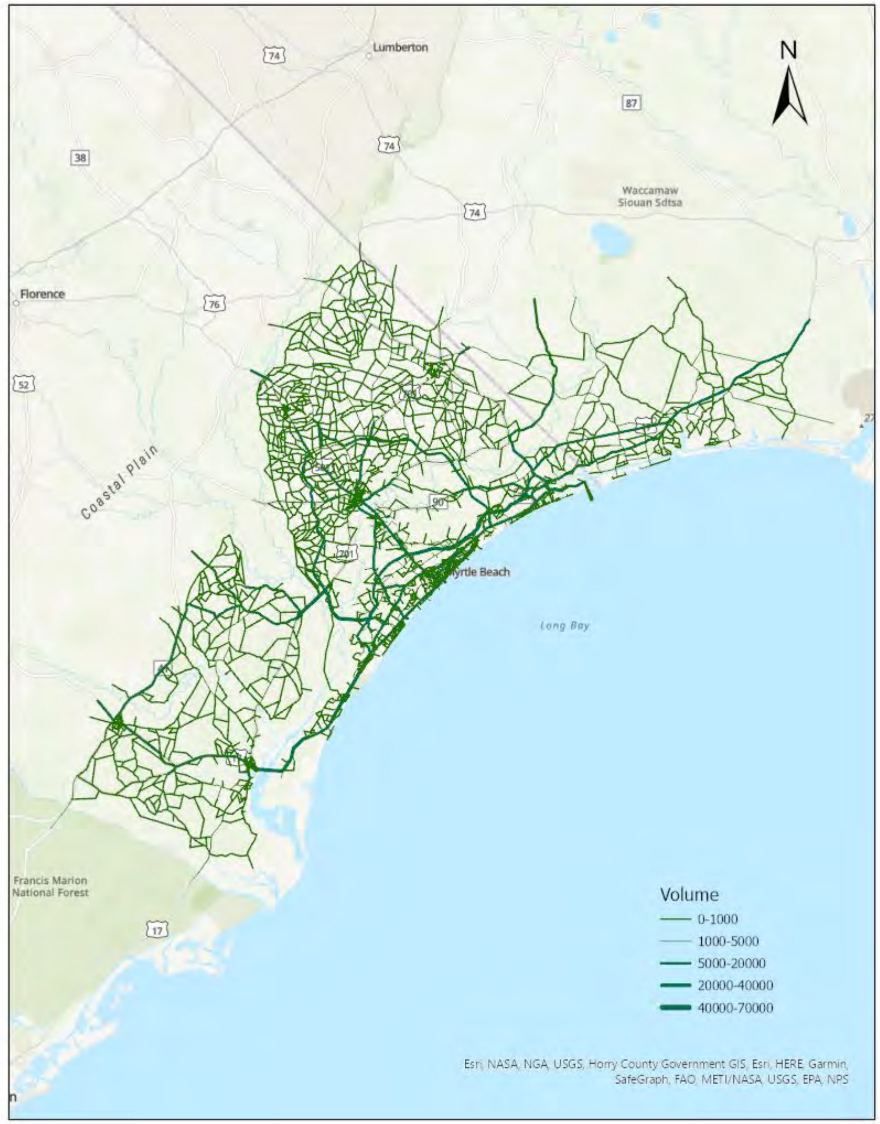
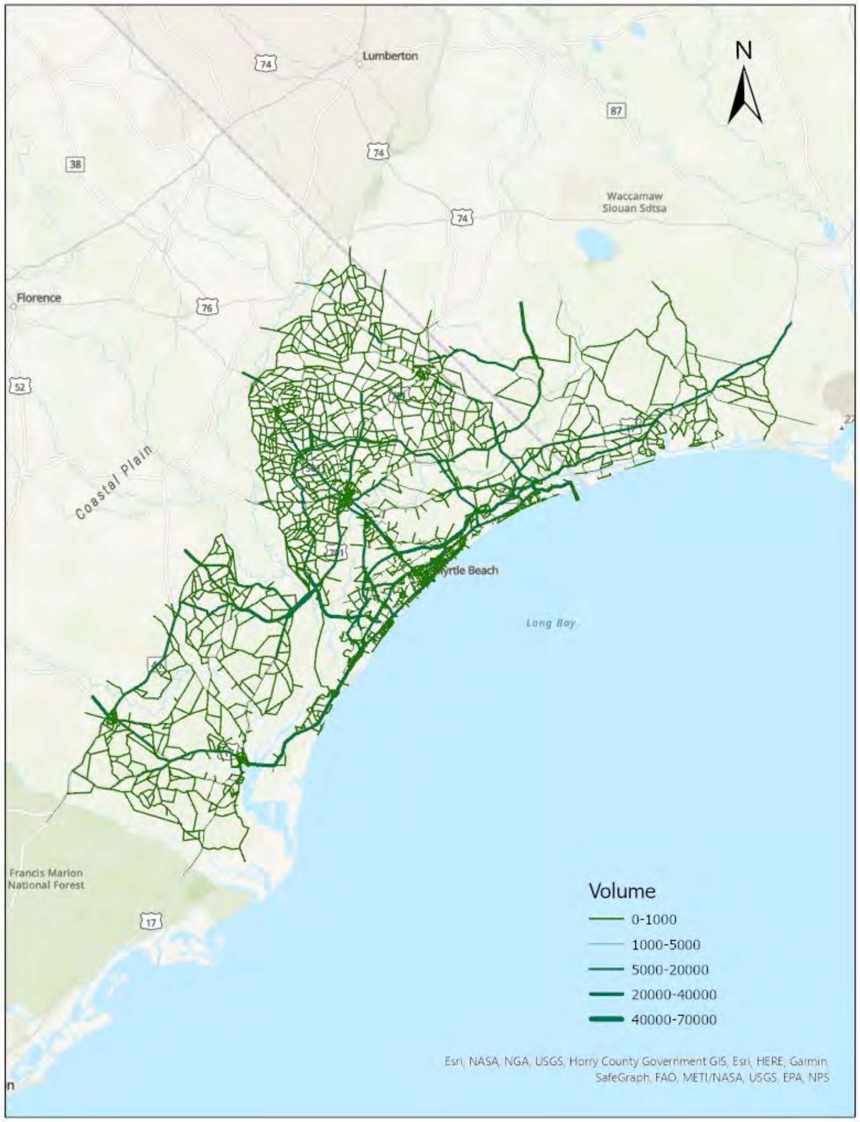
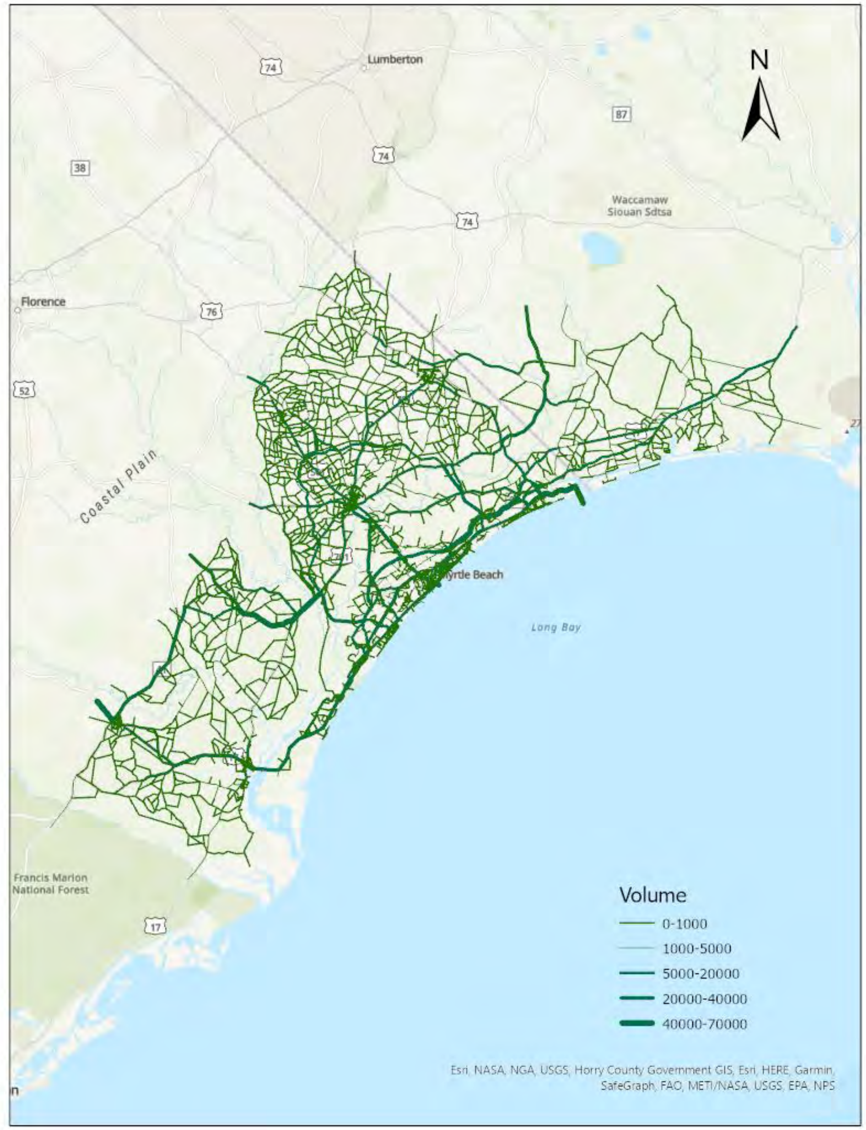




Scenario5

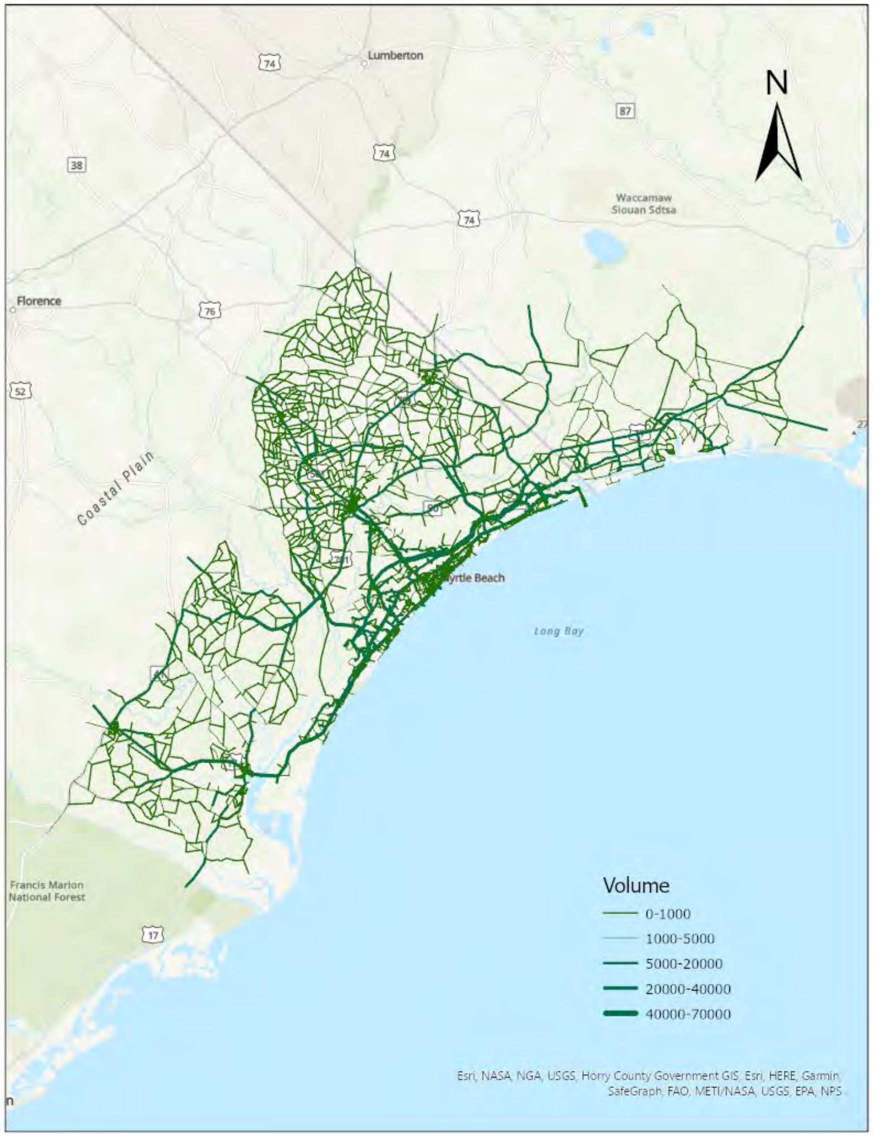
Scenario6





Alternative 4

Scenario1 **Scenario2**



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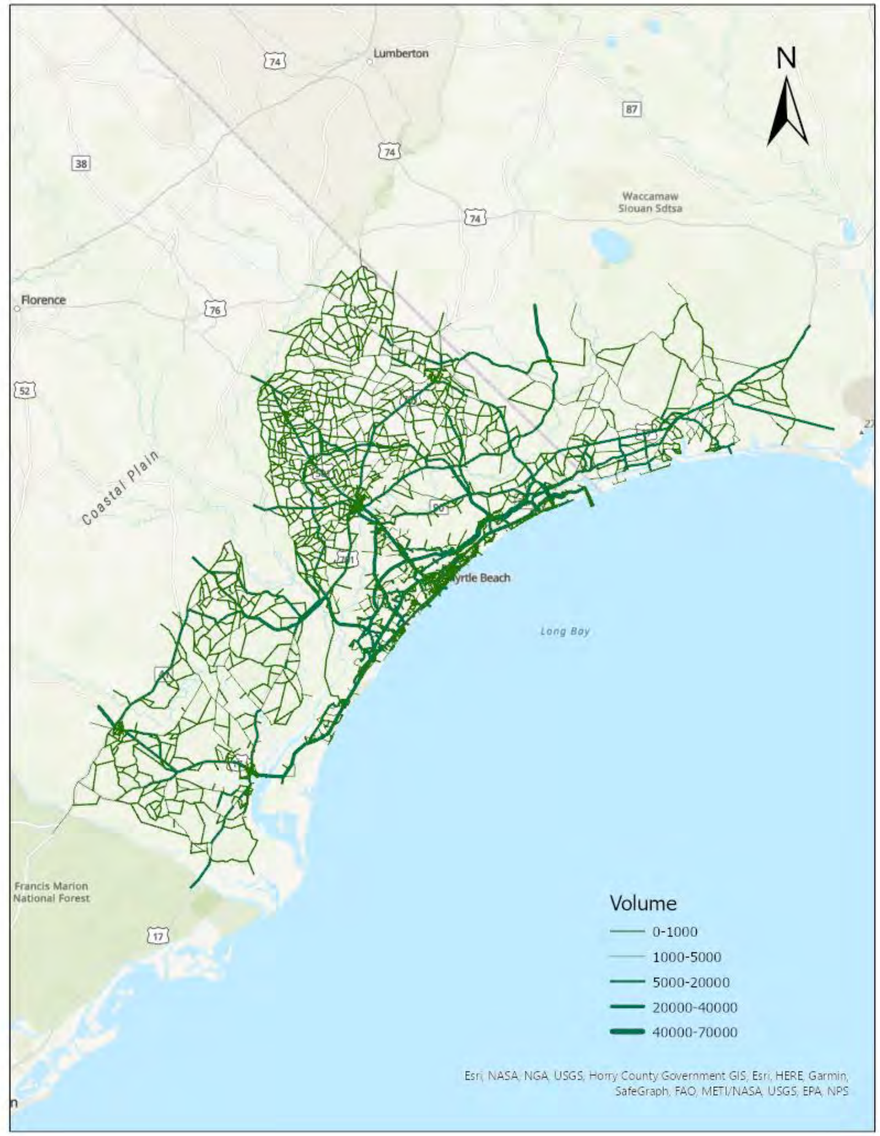

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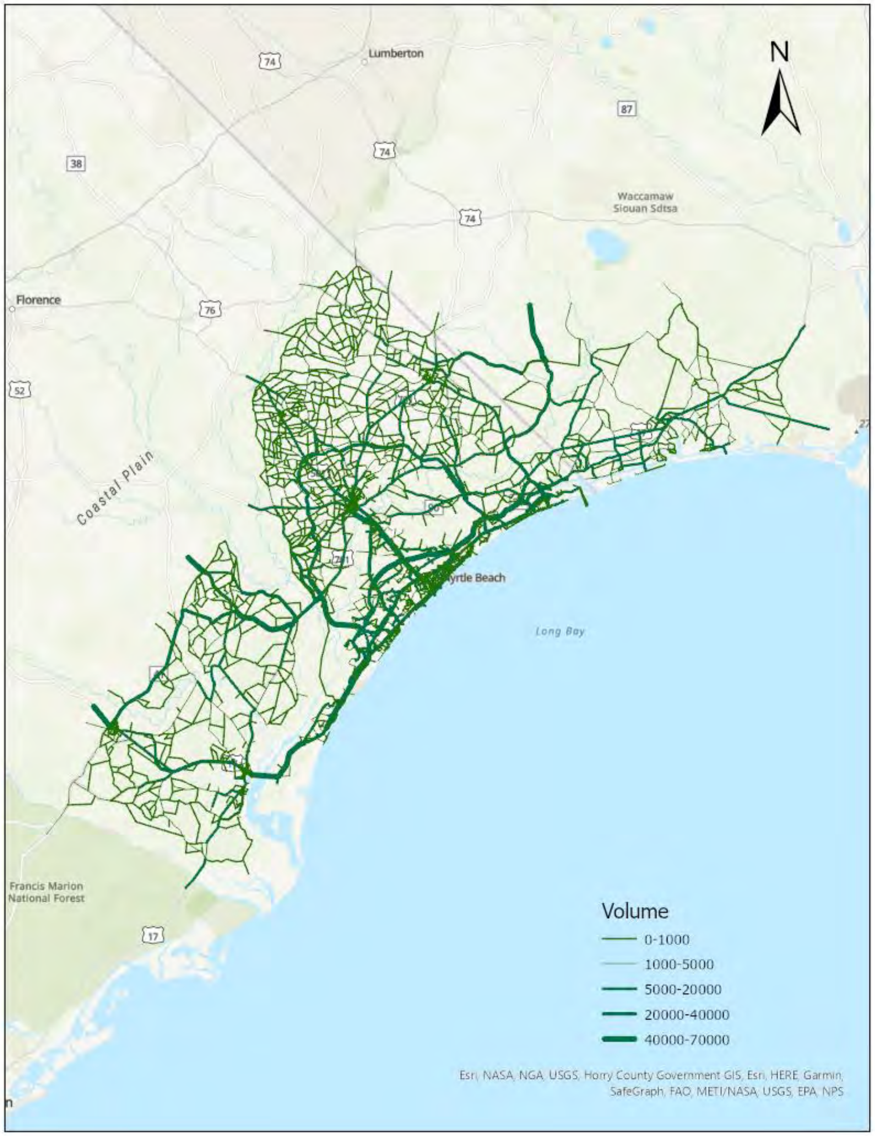
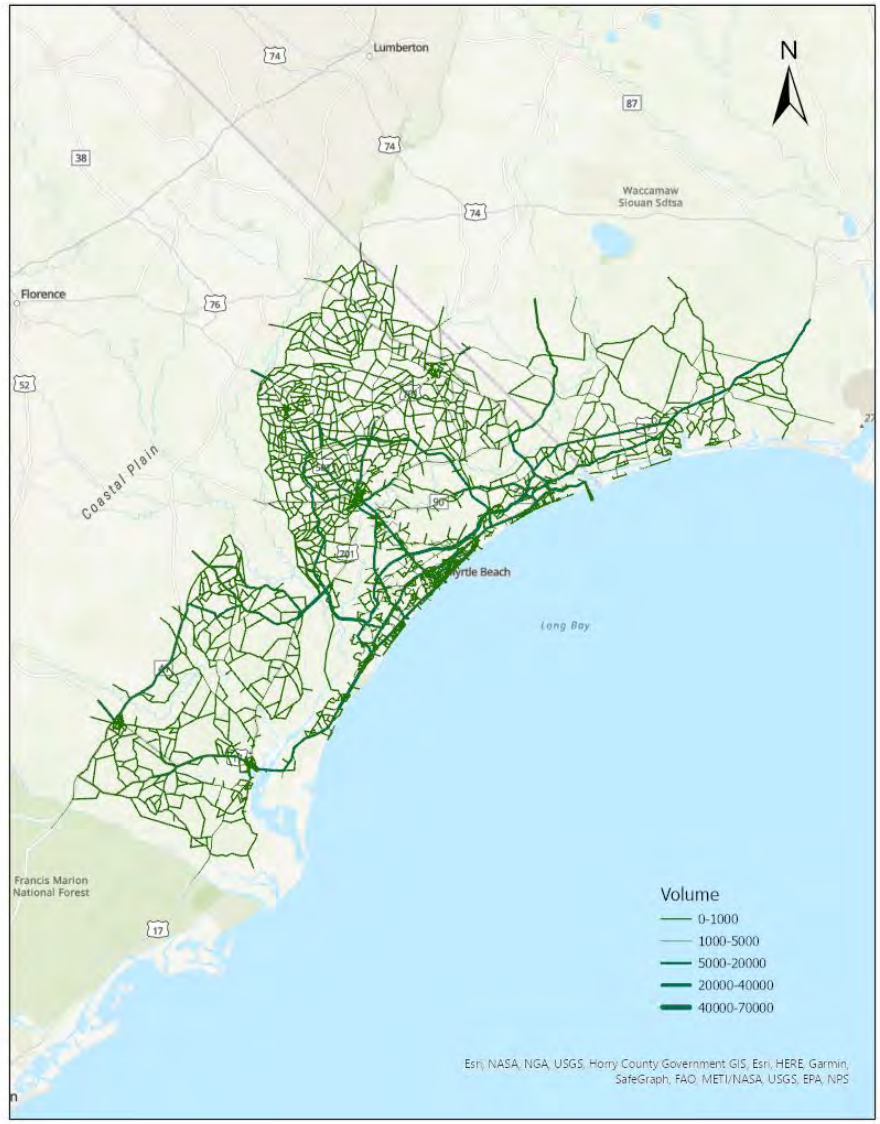
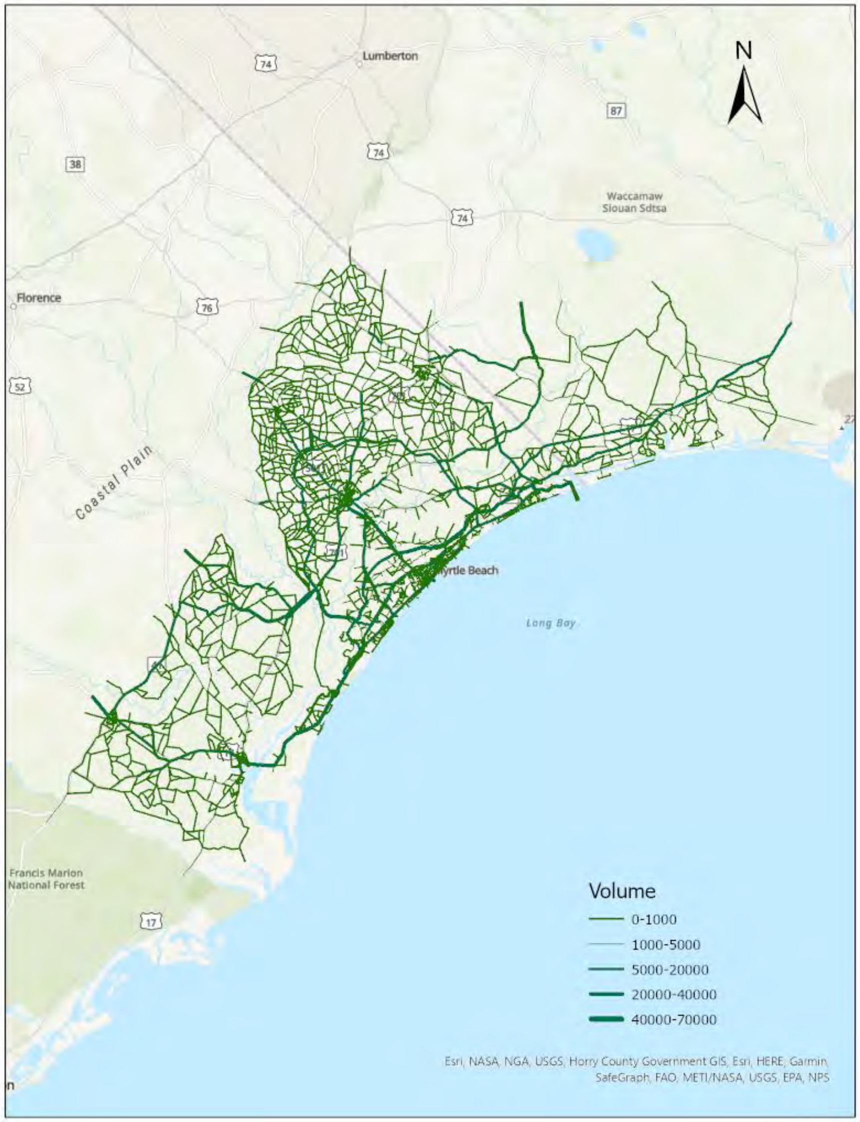
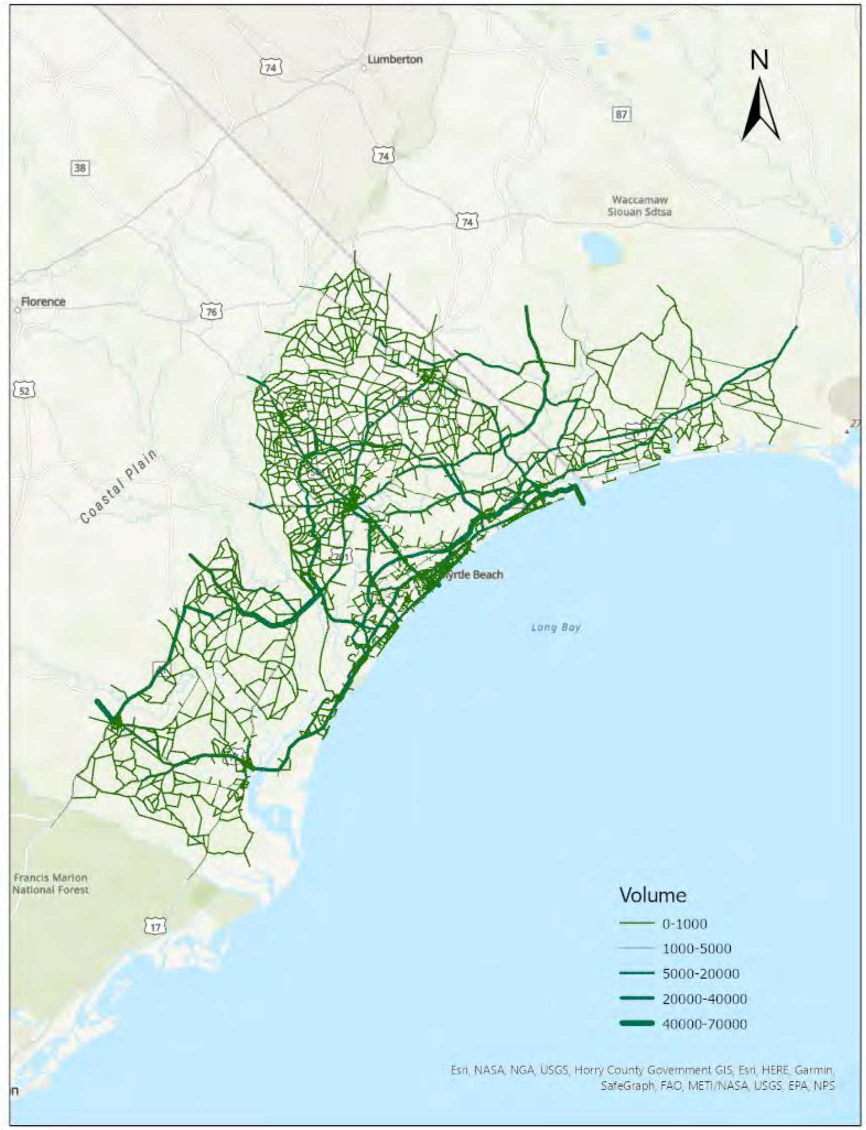




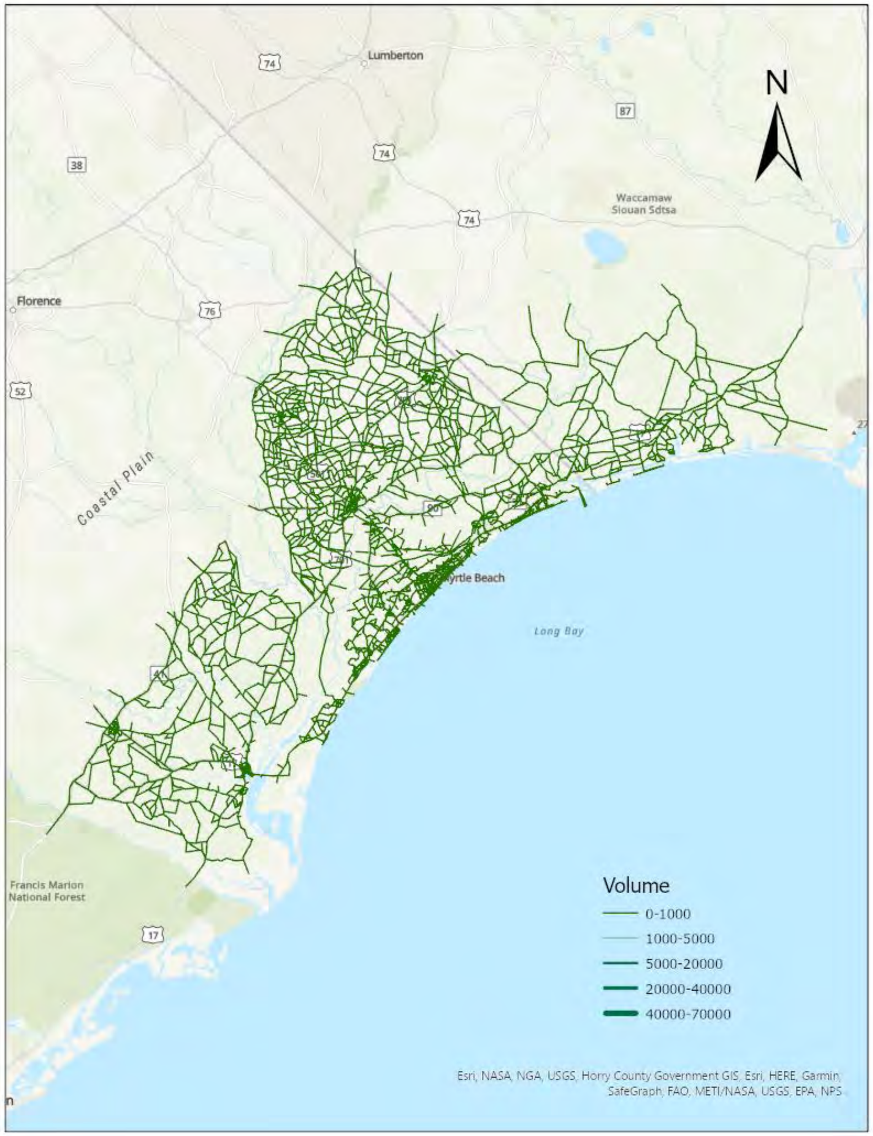
Scenario5 **Scenario6**





Alternative 5

Scenario1 **Scenario2**



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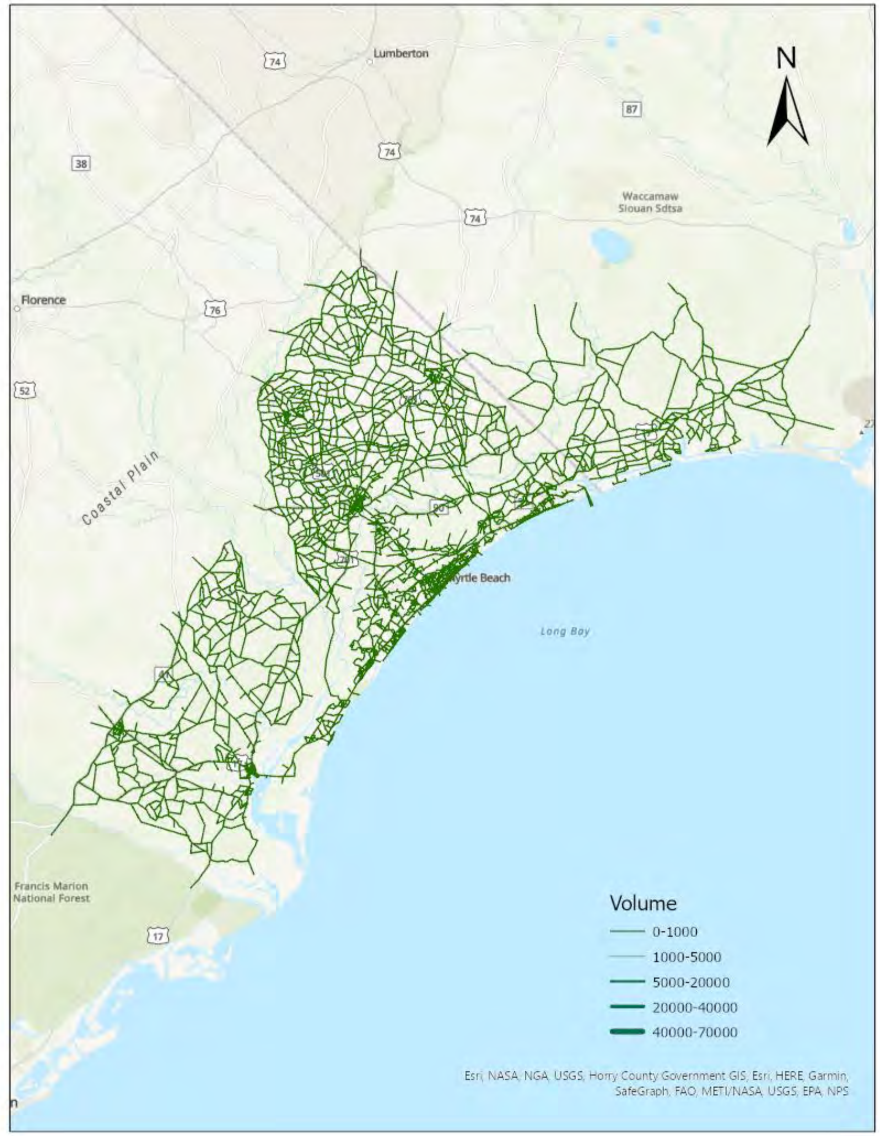

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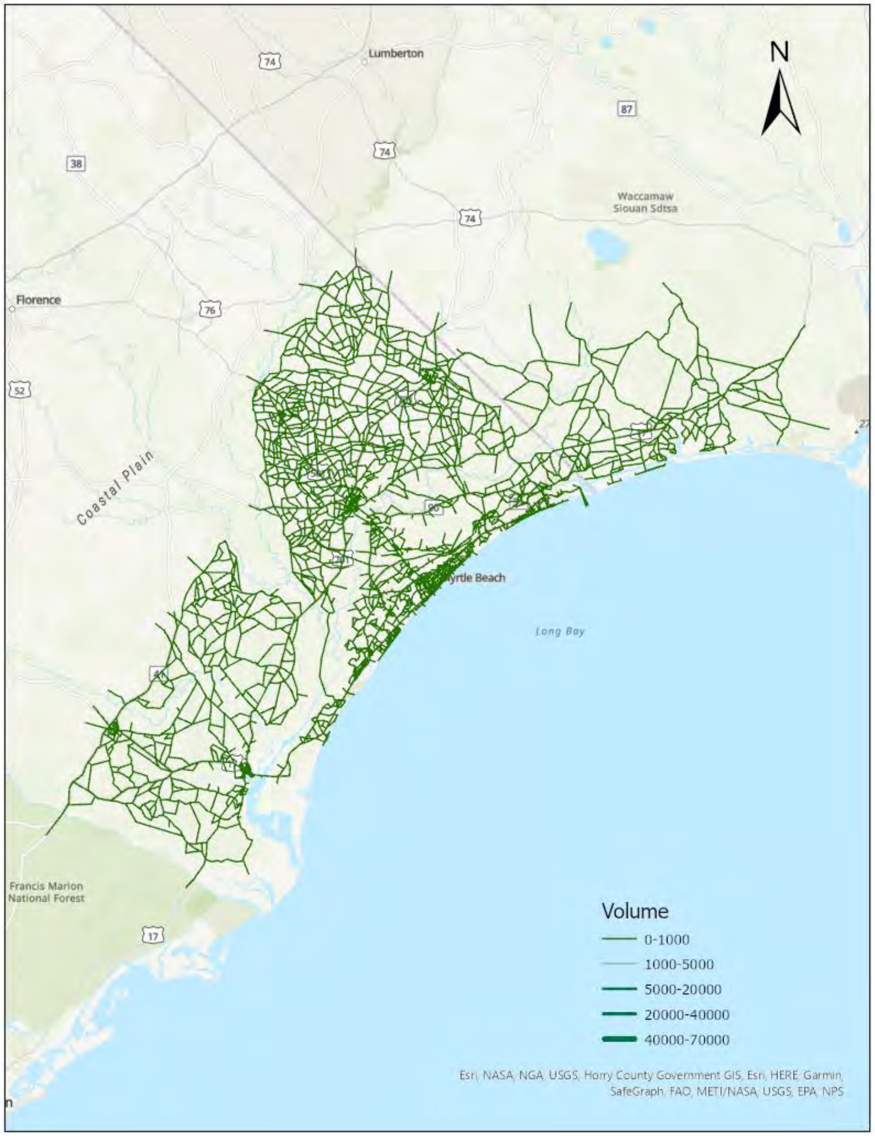
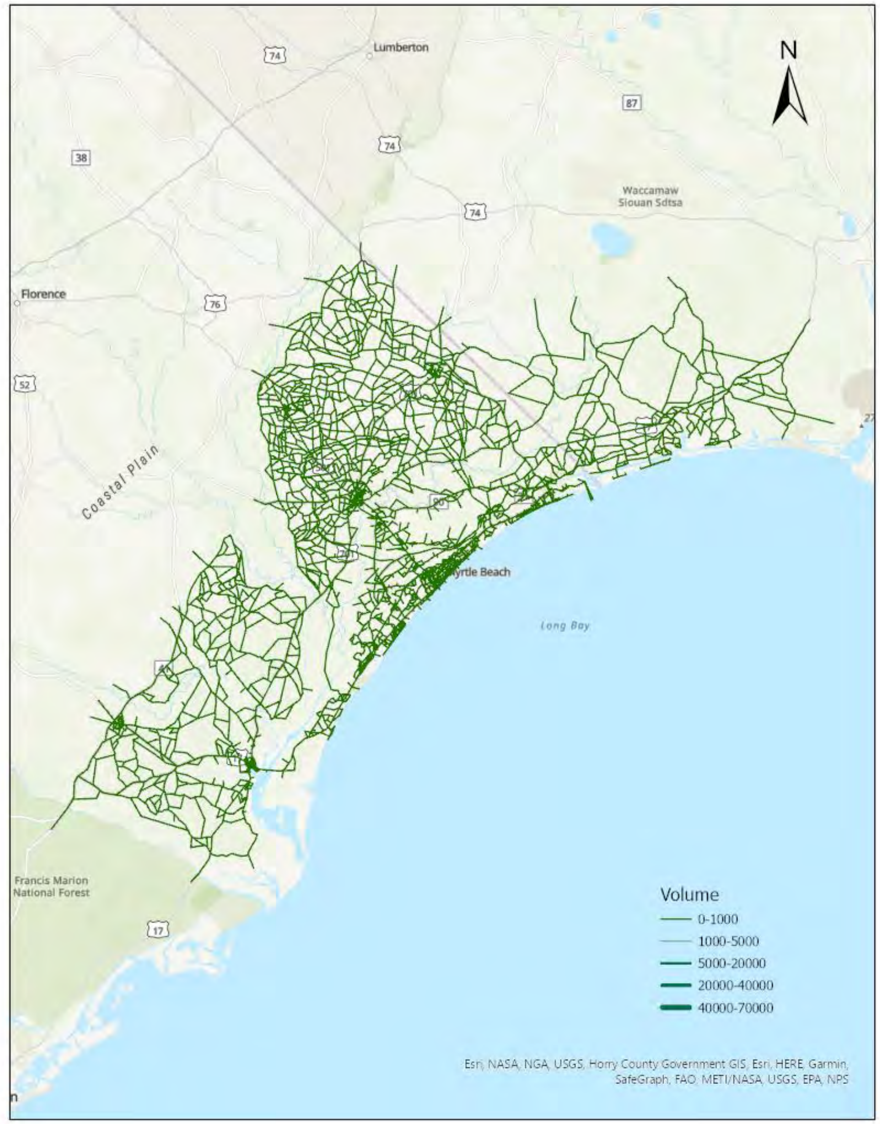
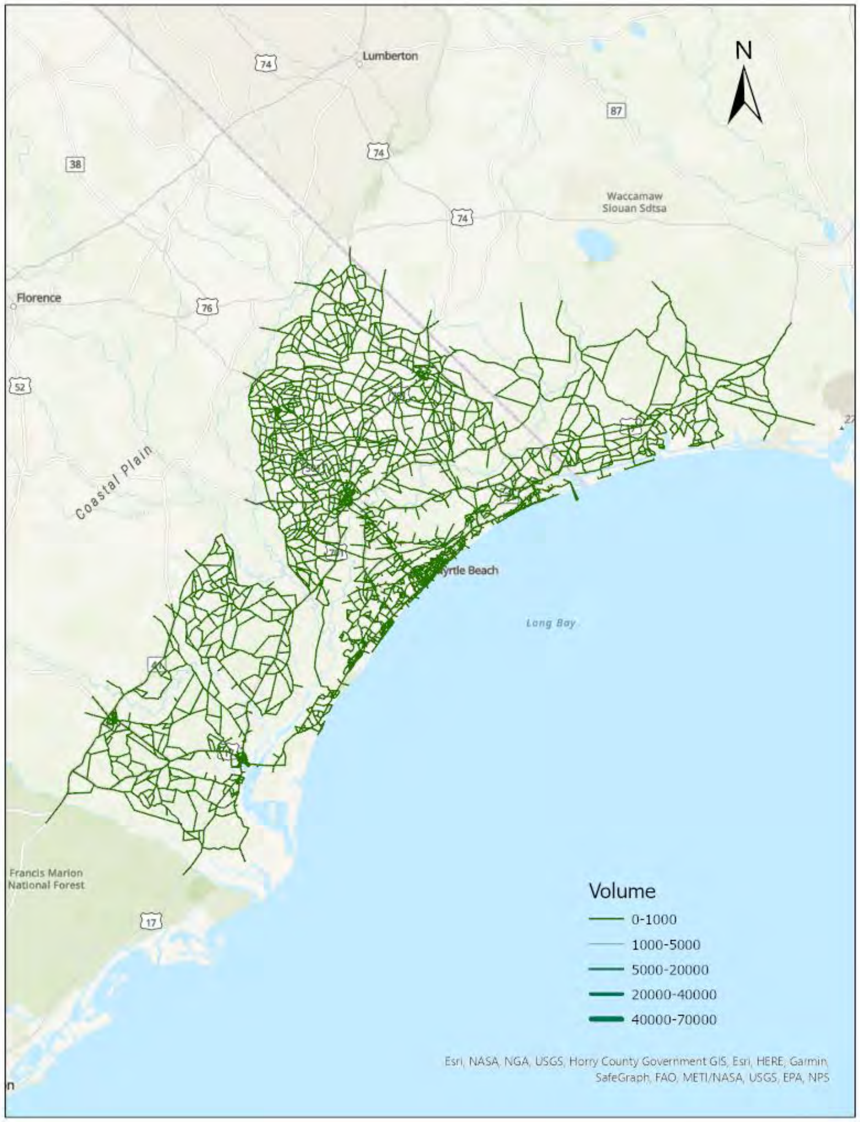
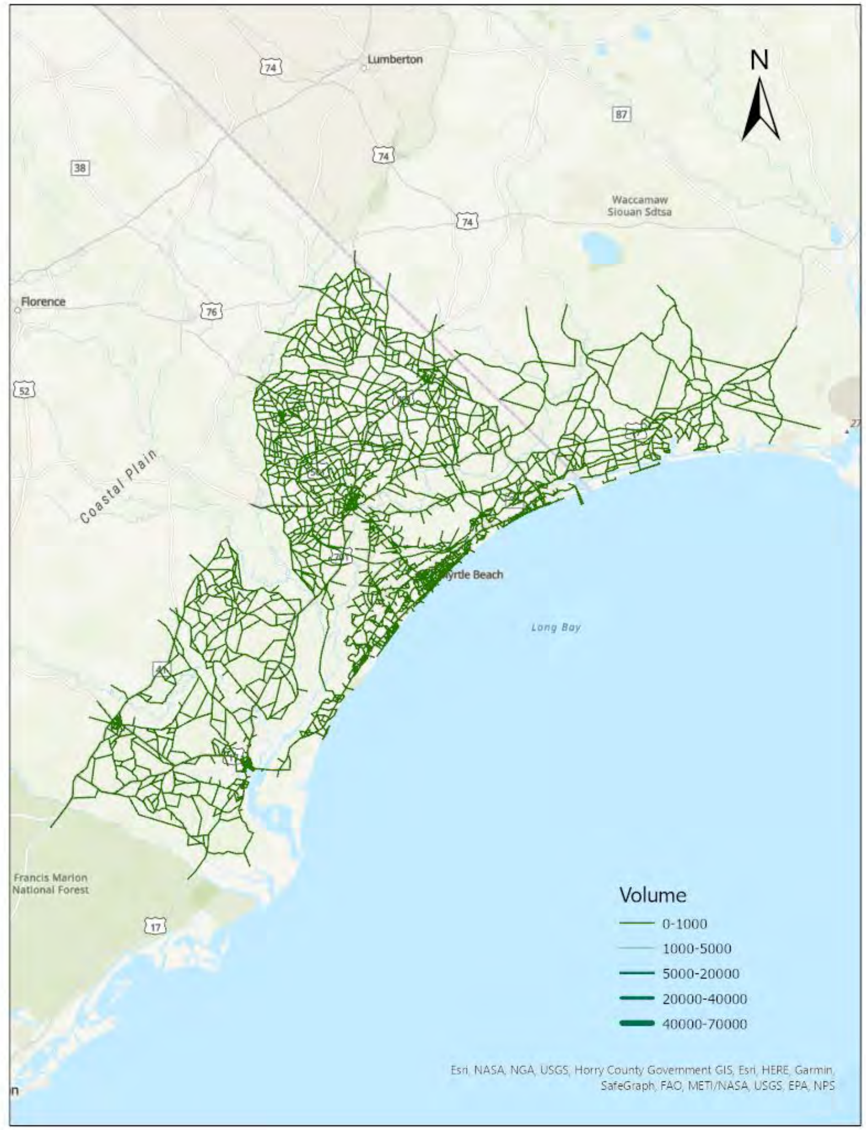




Scenario5

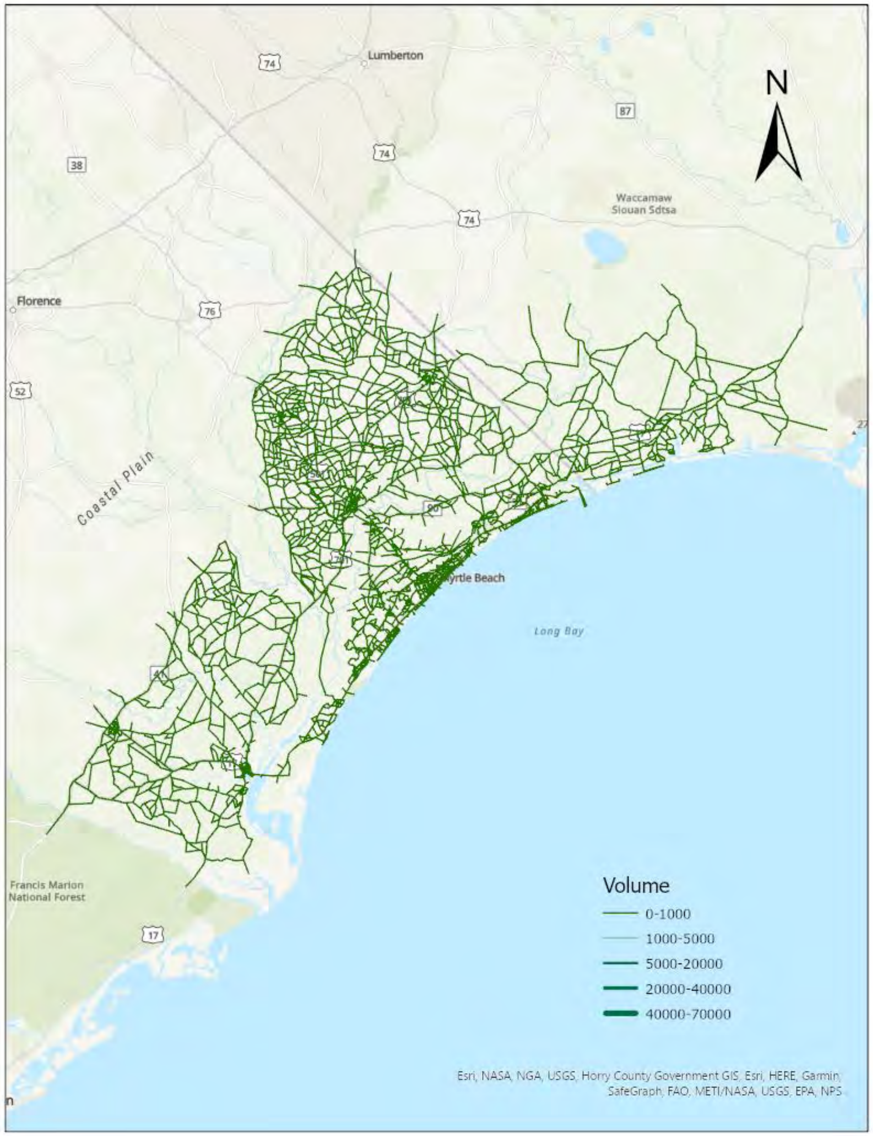
Scenario6



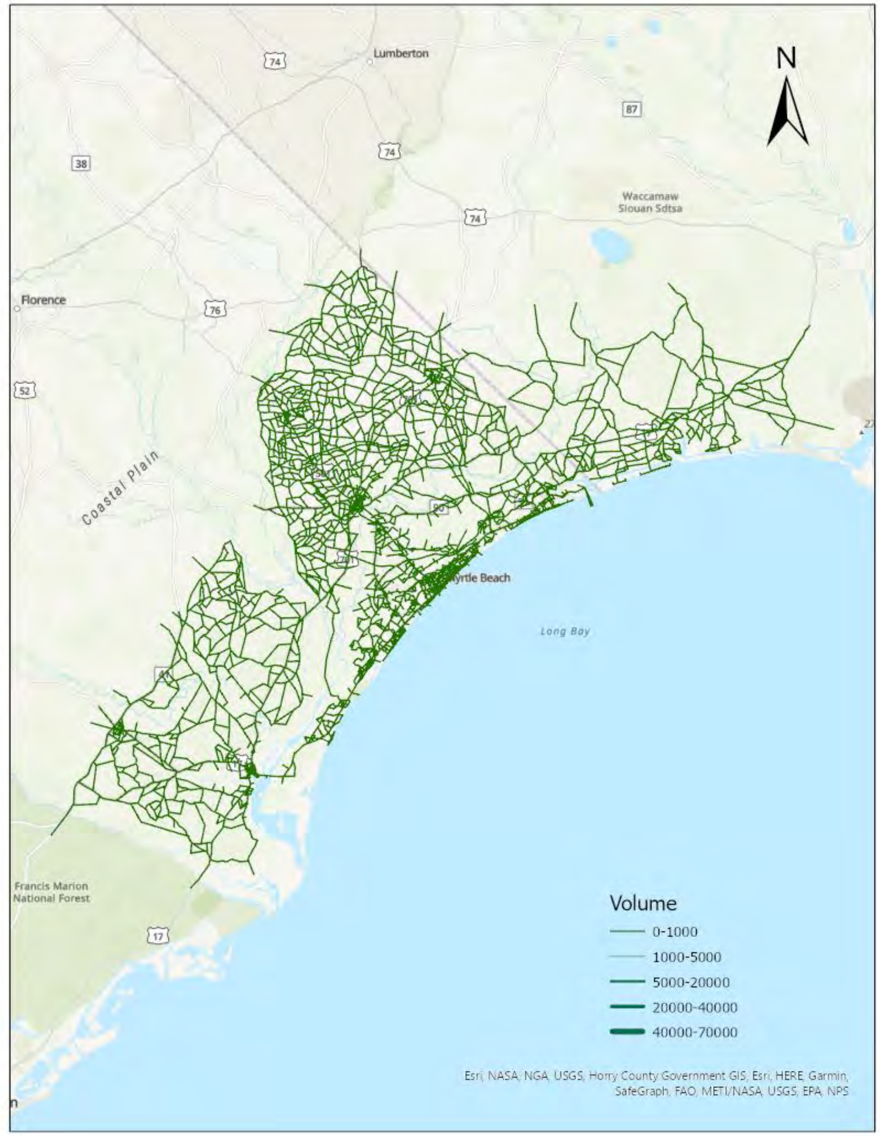


Alternative 6

Scenario1 **Scenario2**



Scenario3



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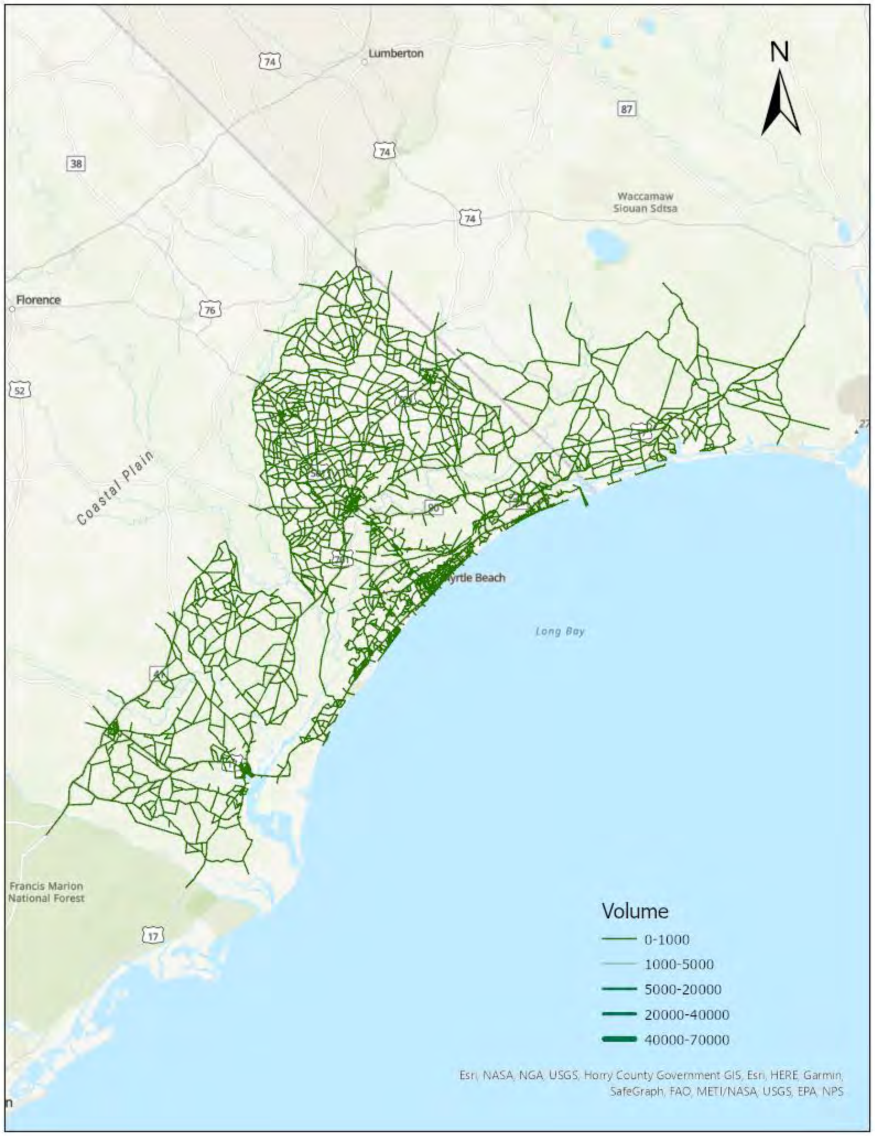

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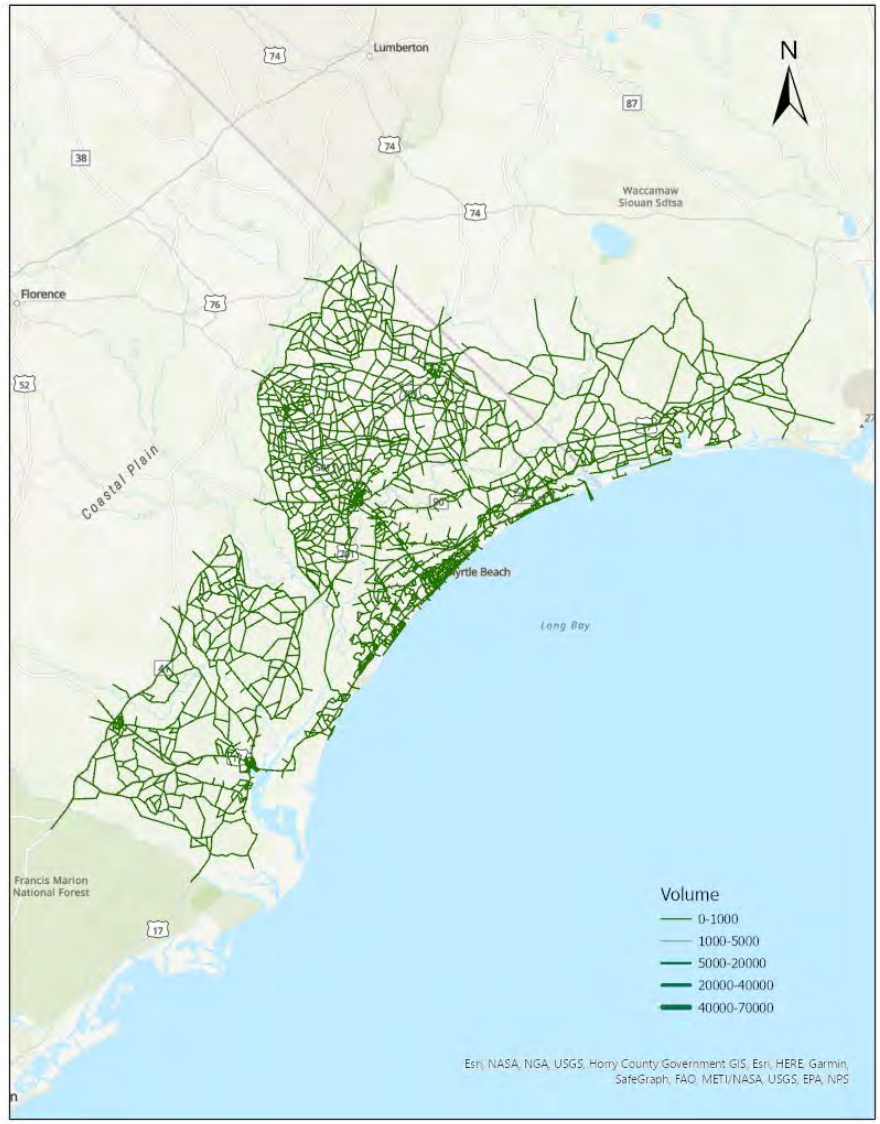
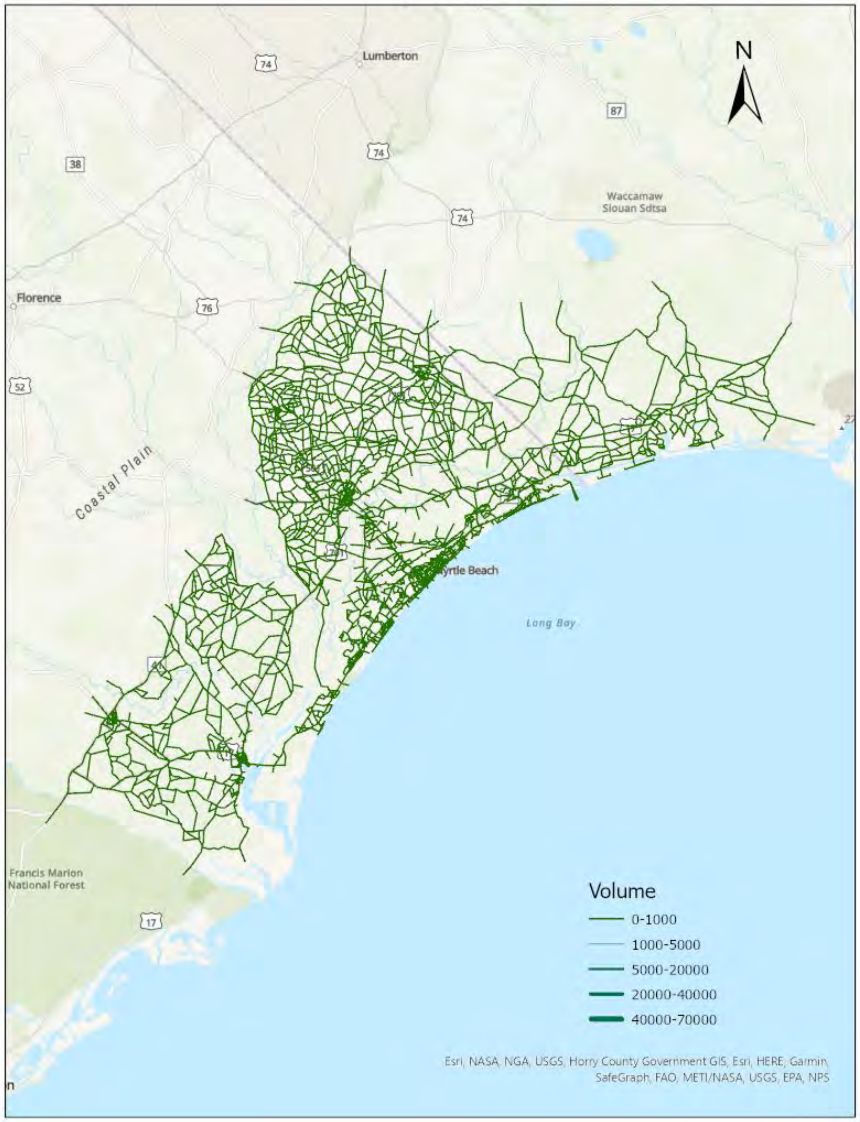
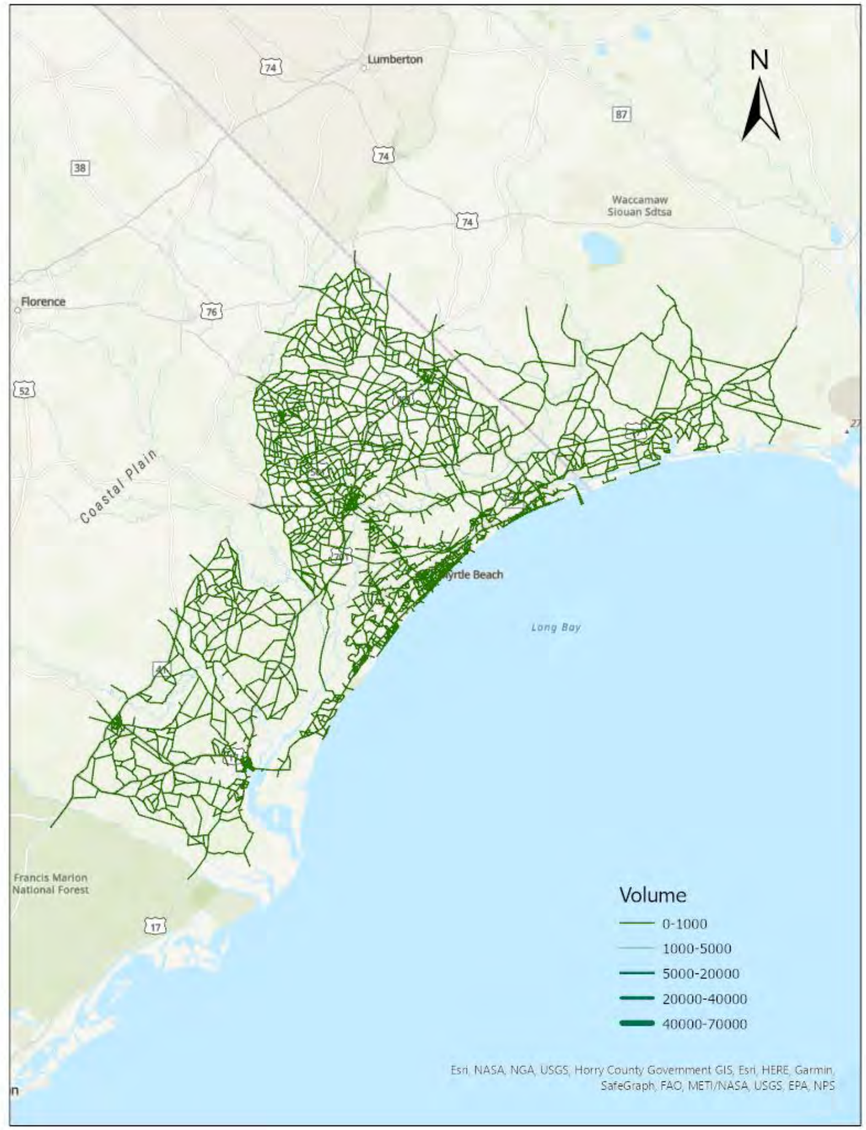


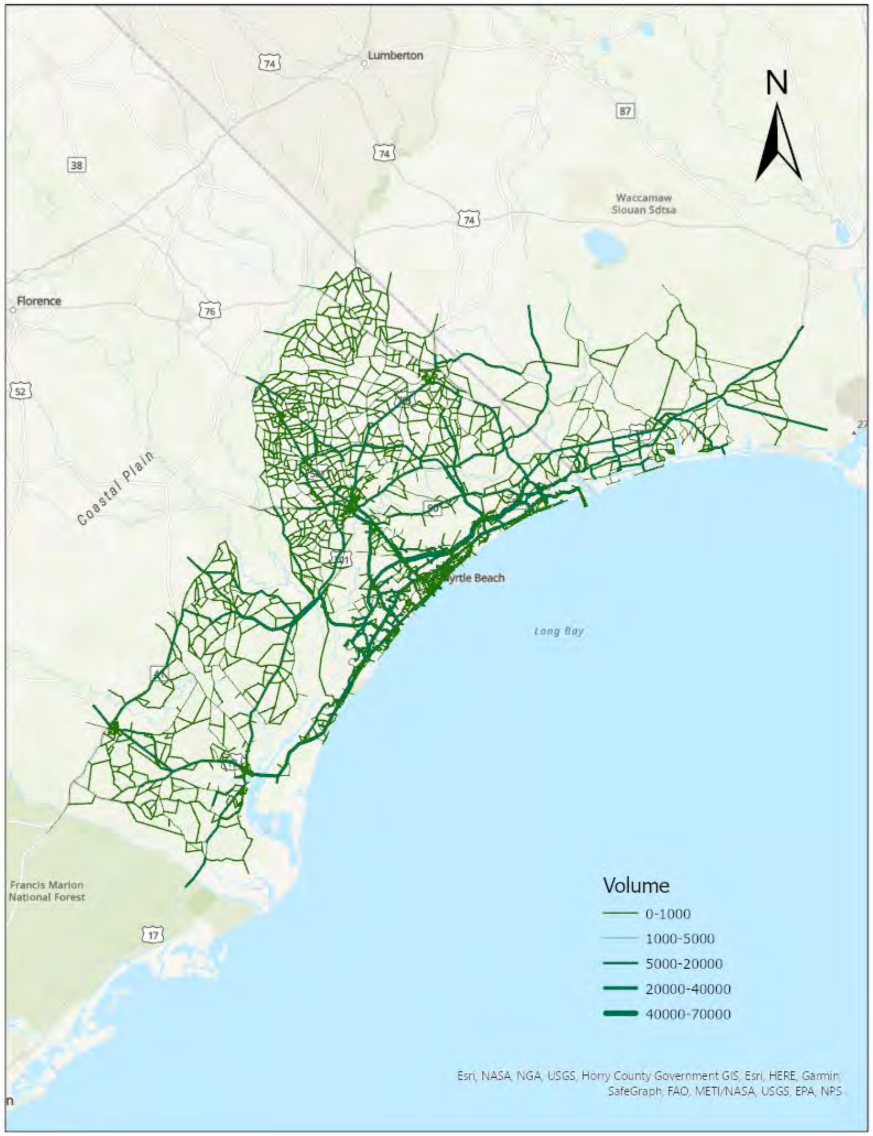
Scenario6



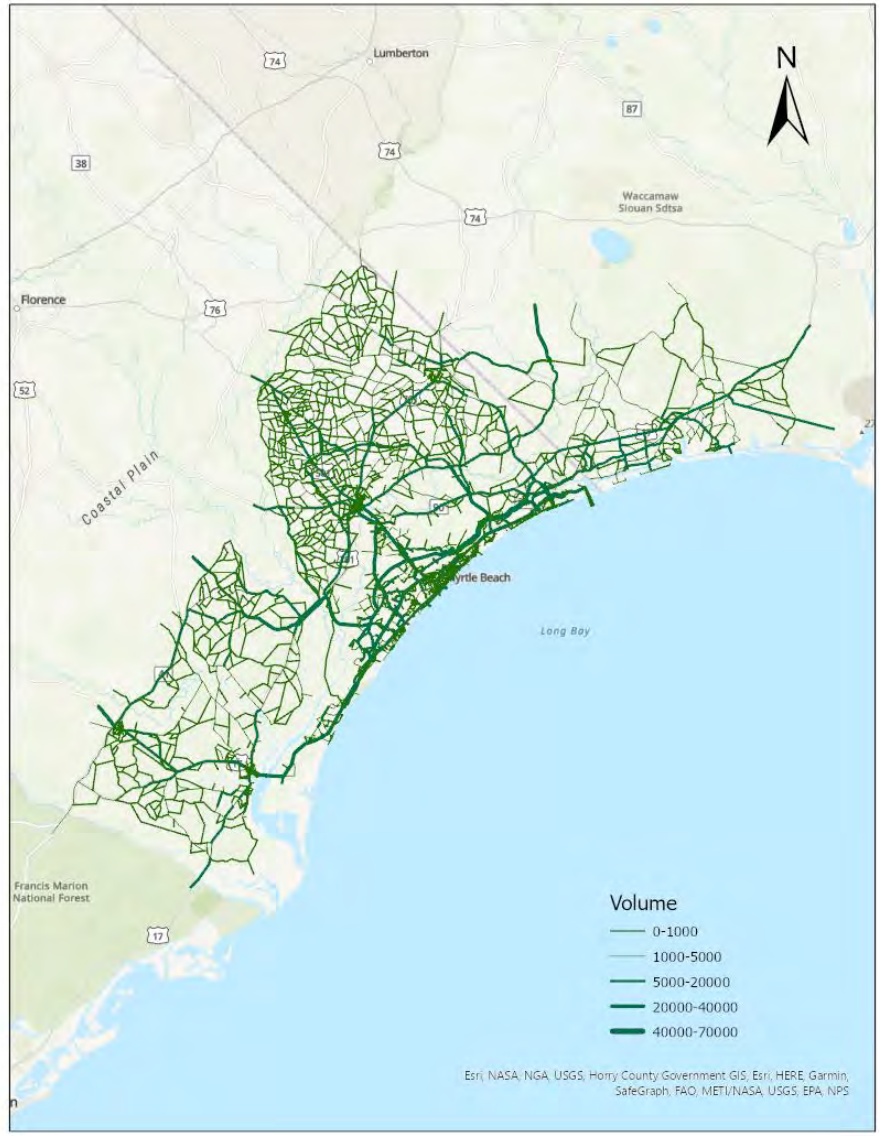


Alternative 7

Scenario1 **Scenario2**



Scenario3



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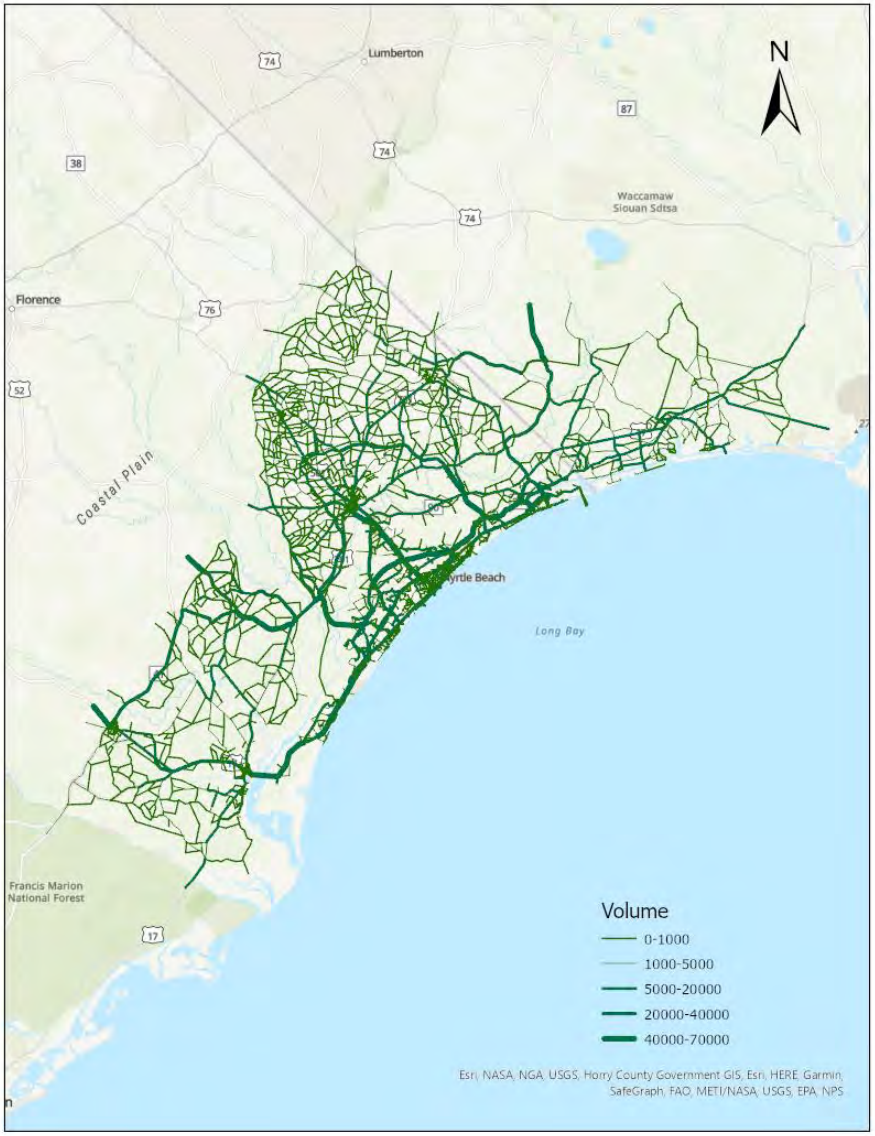
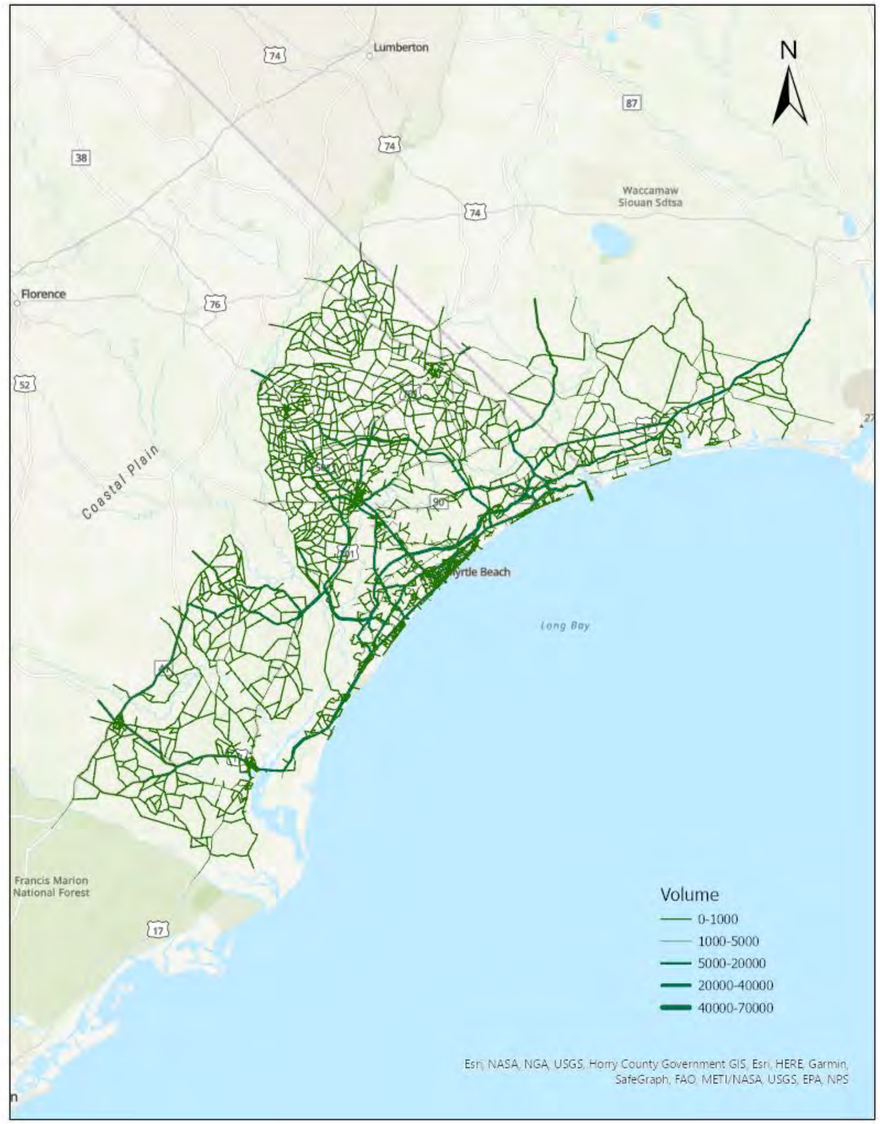
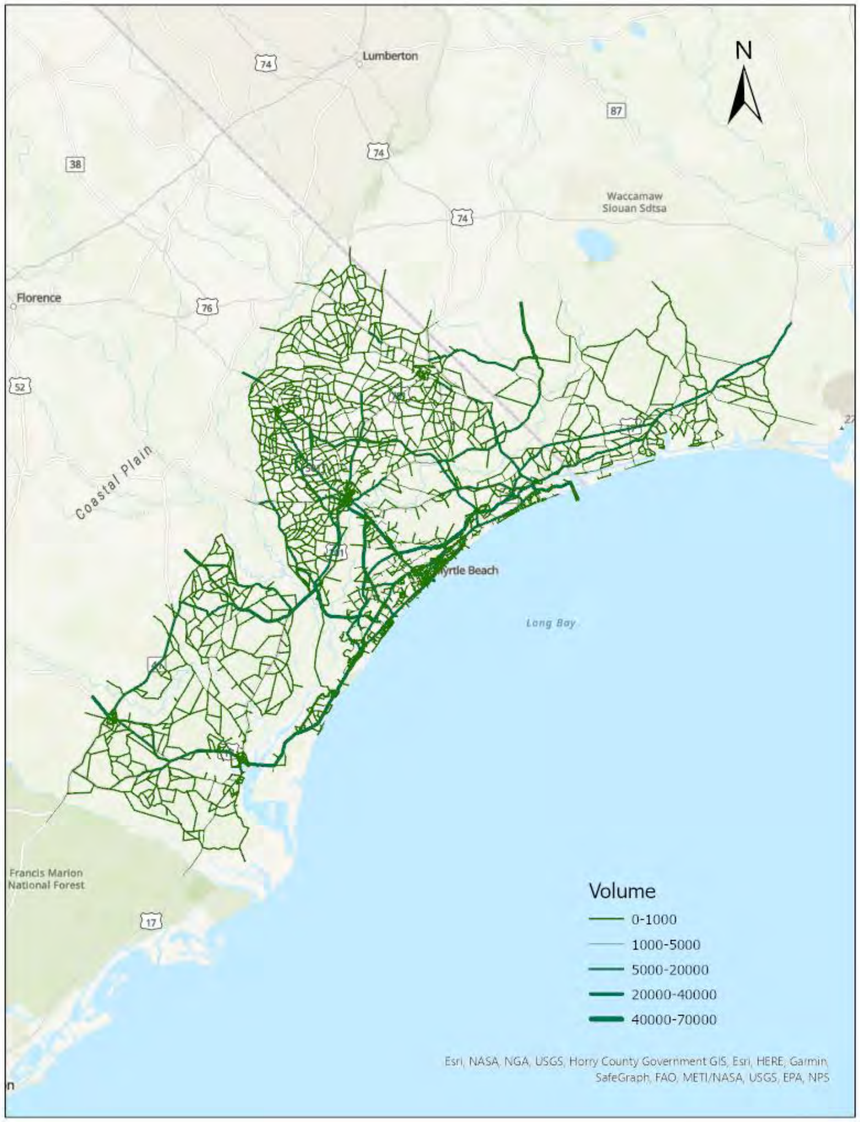




Scenario5

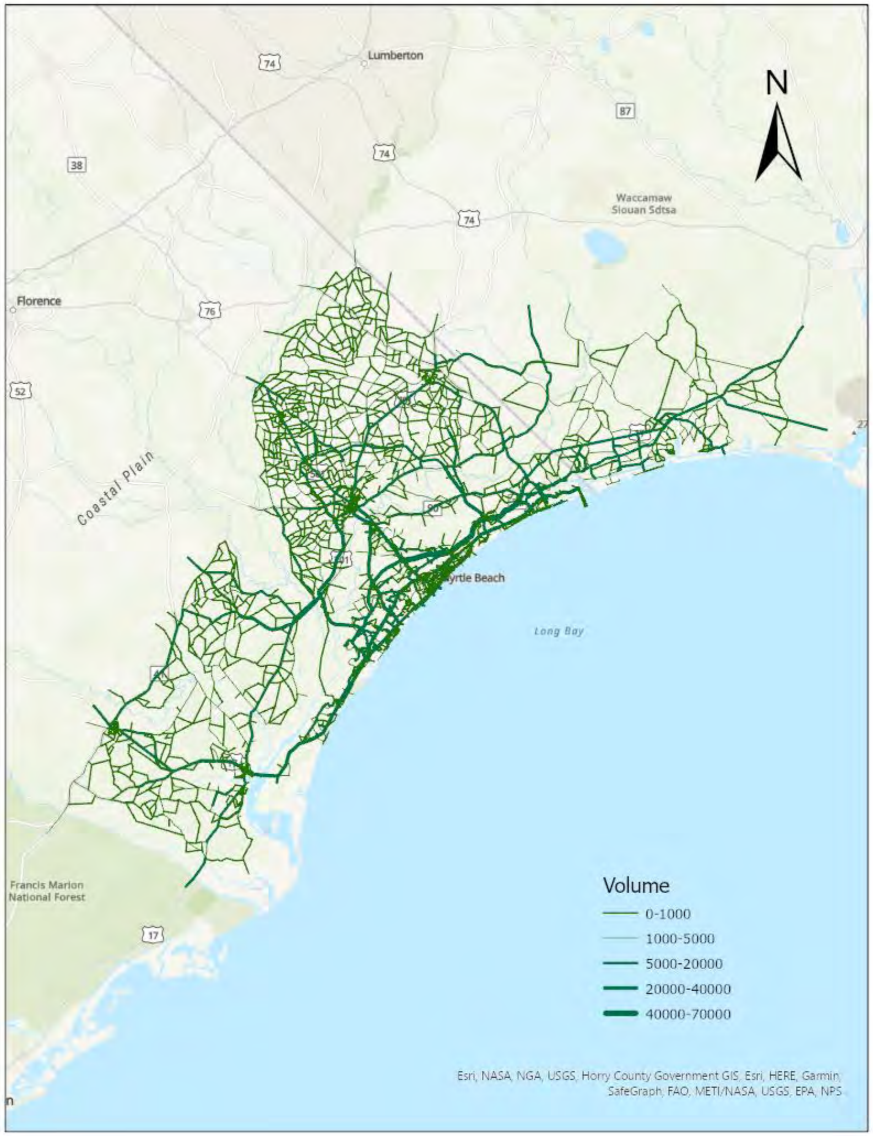
Scenario6



Alternative 8

Scenario1

Scenario2



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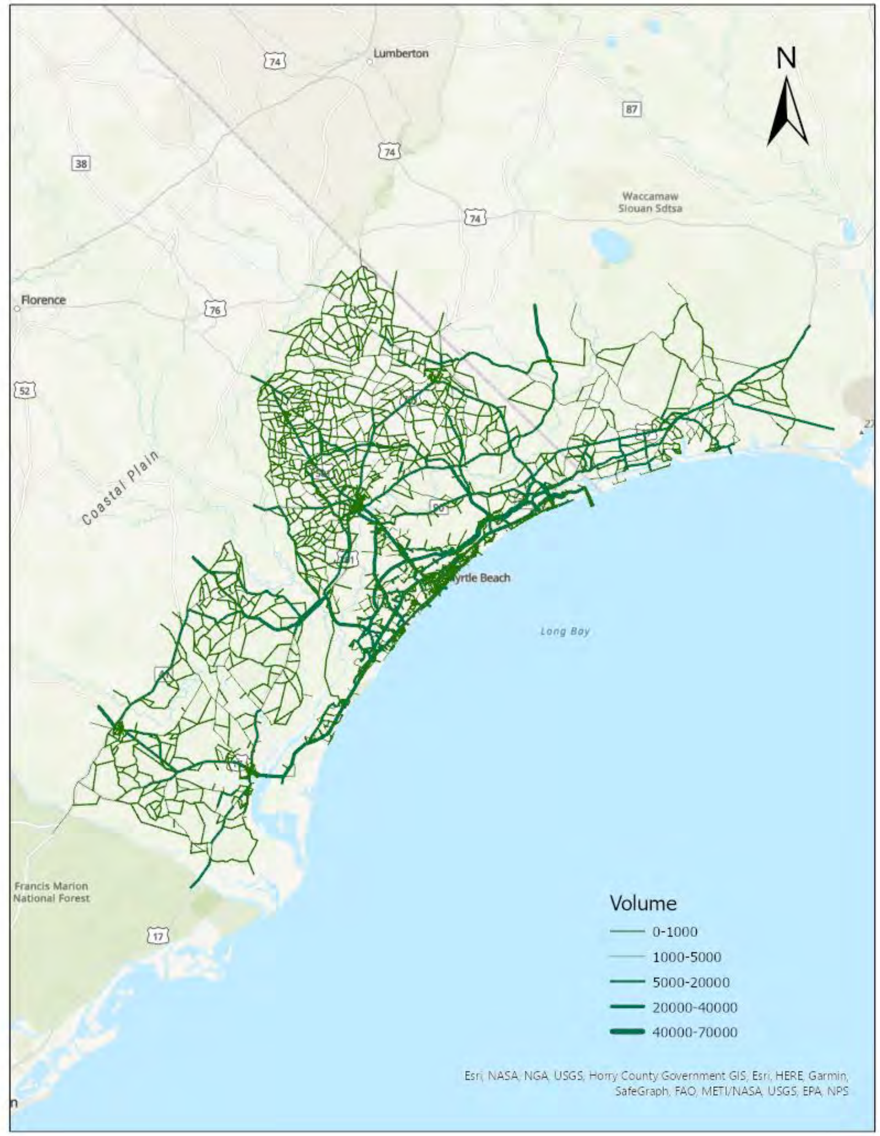

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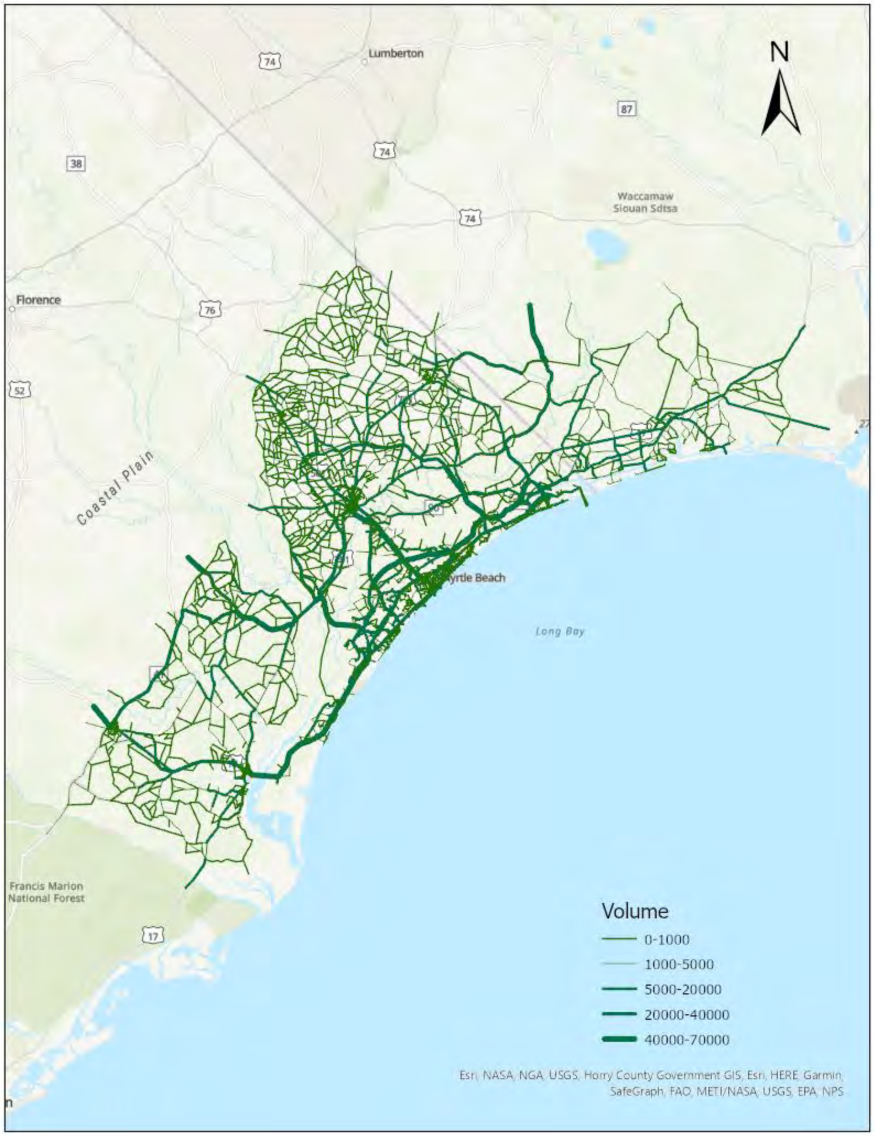

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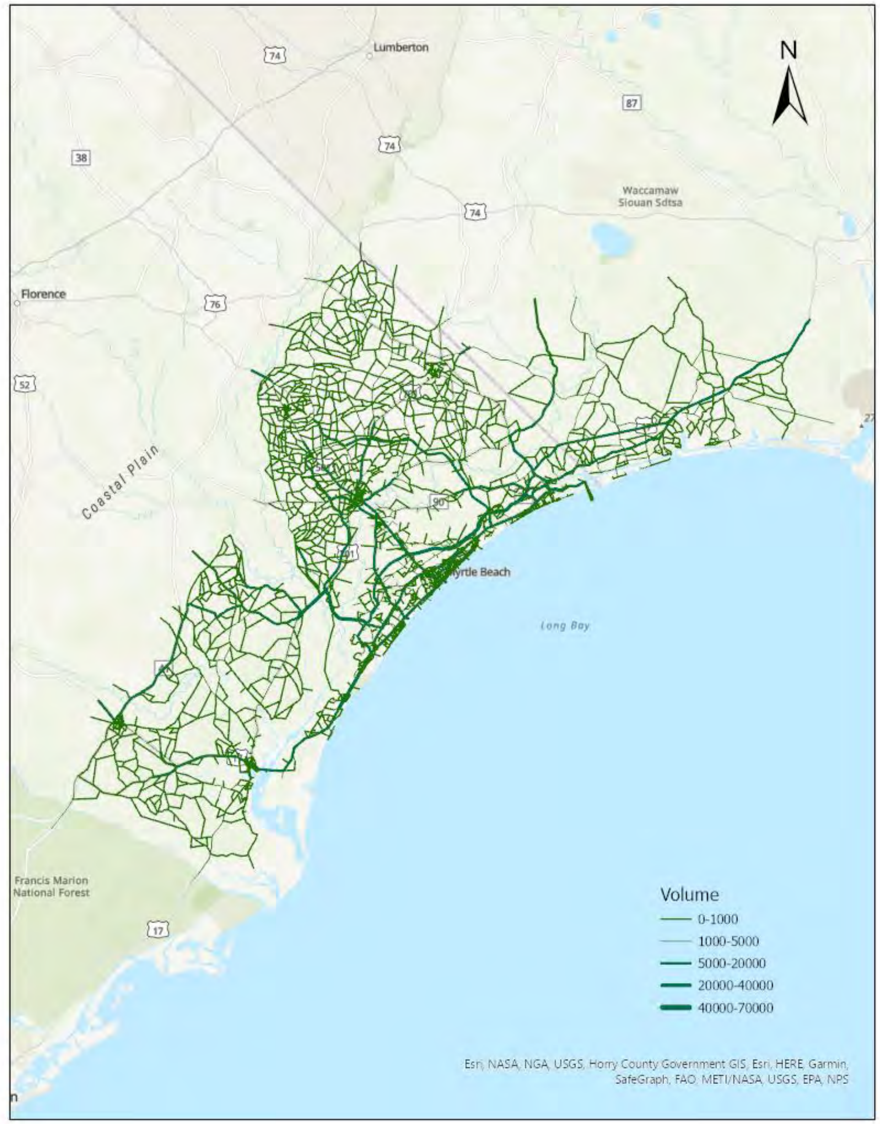

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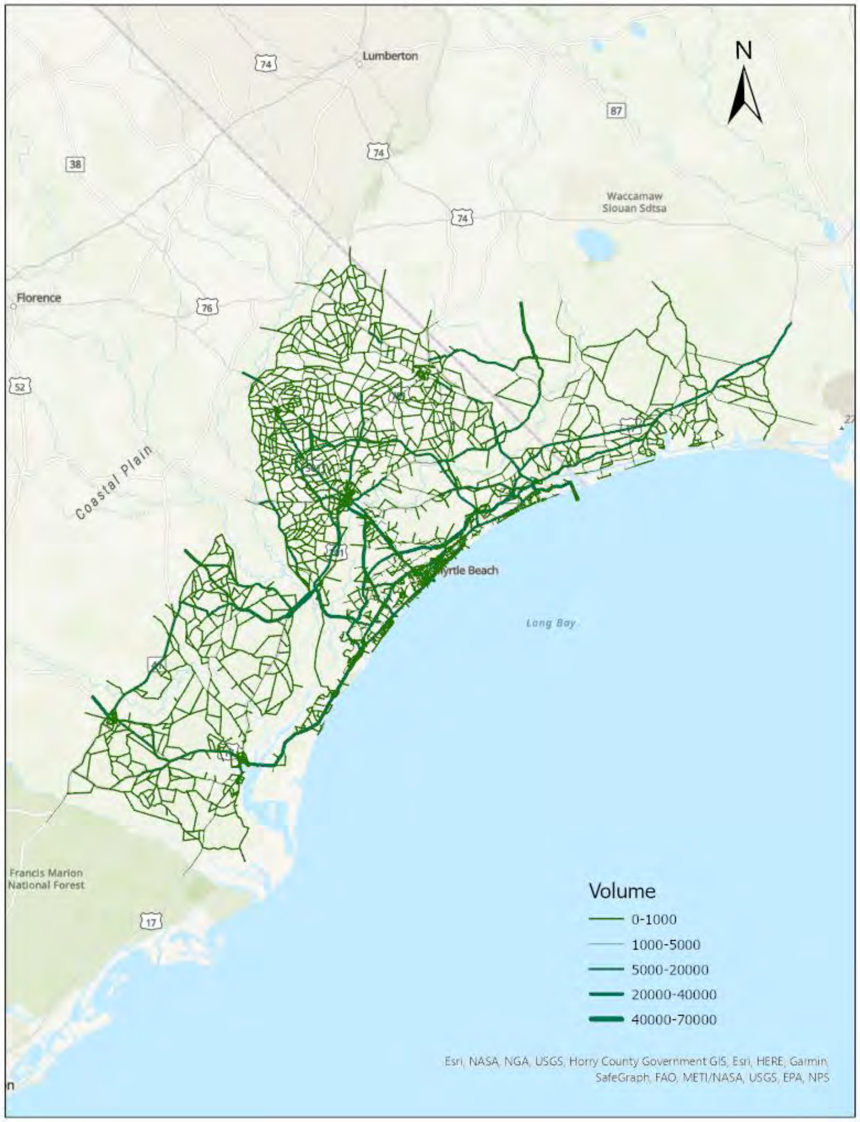
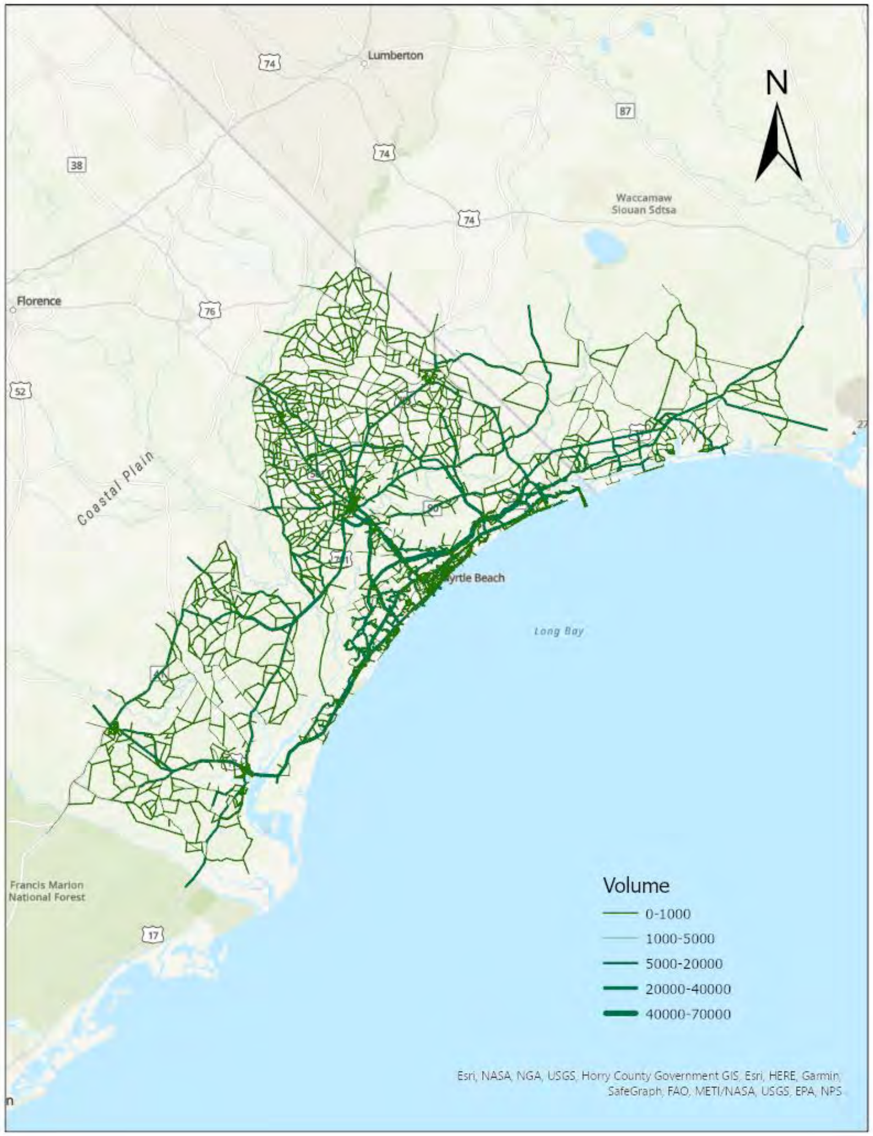


Alternative 9

Scenario1

Scenario2



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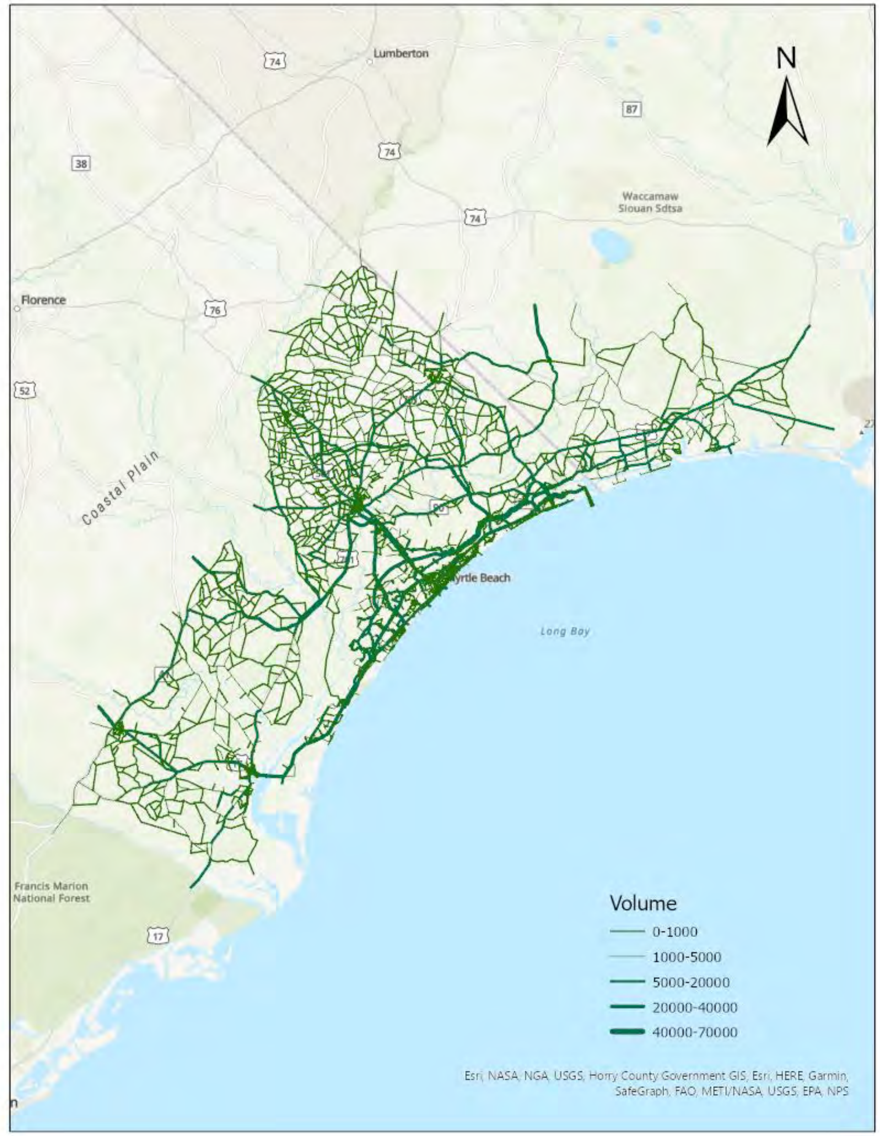

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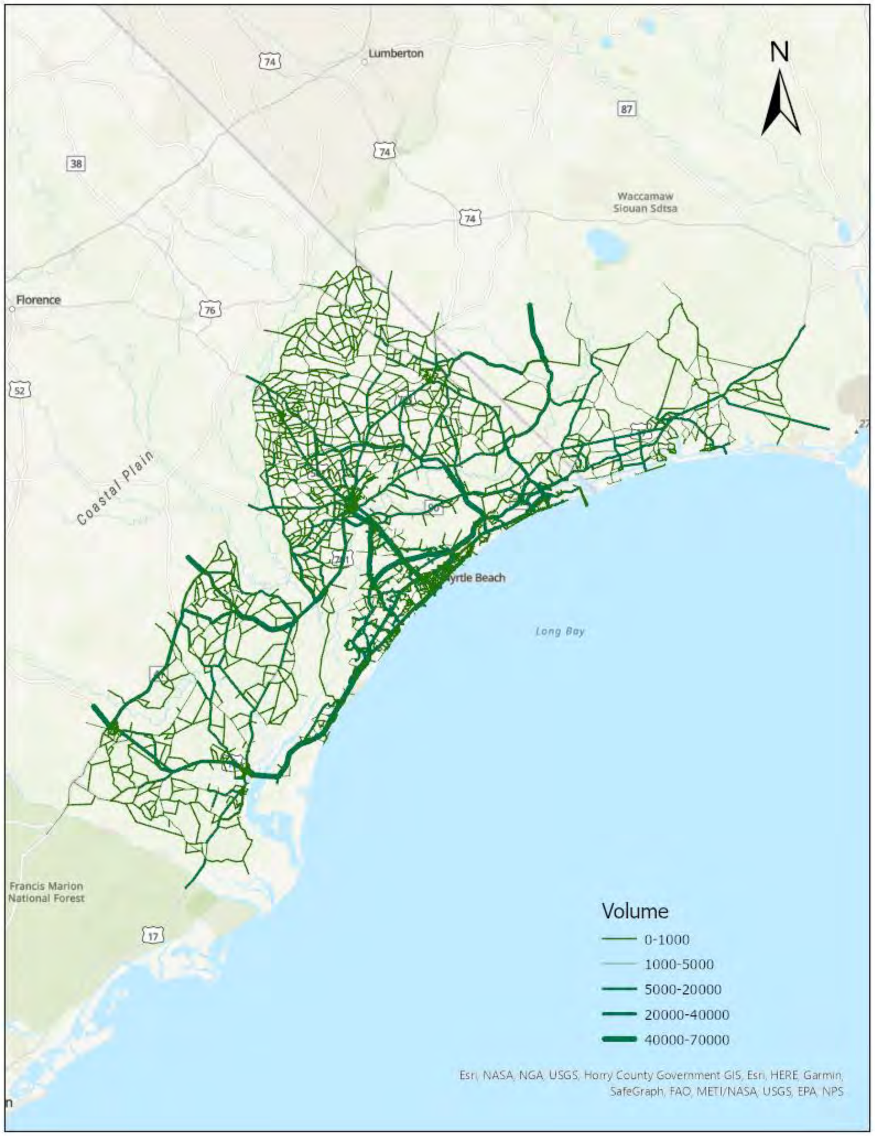
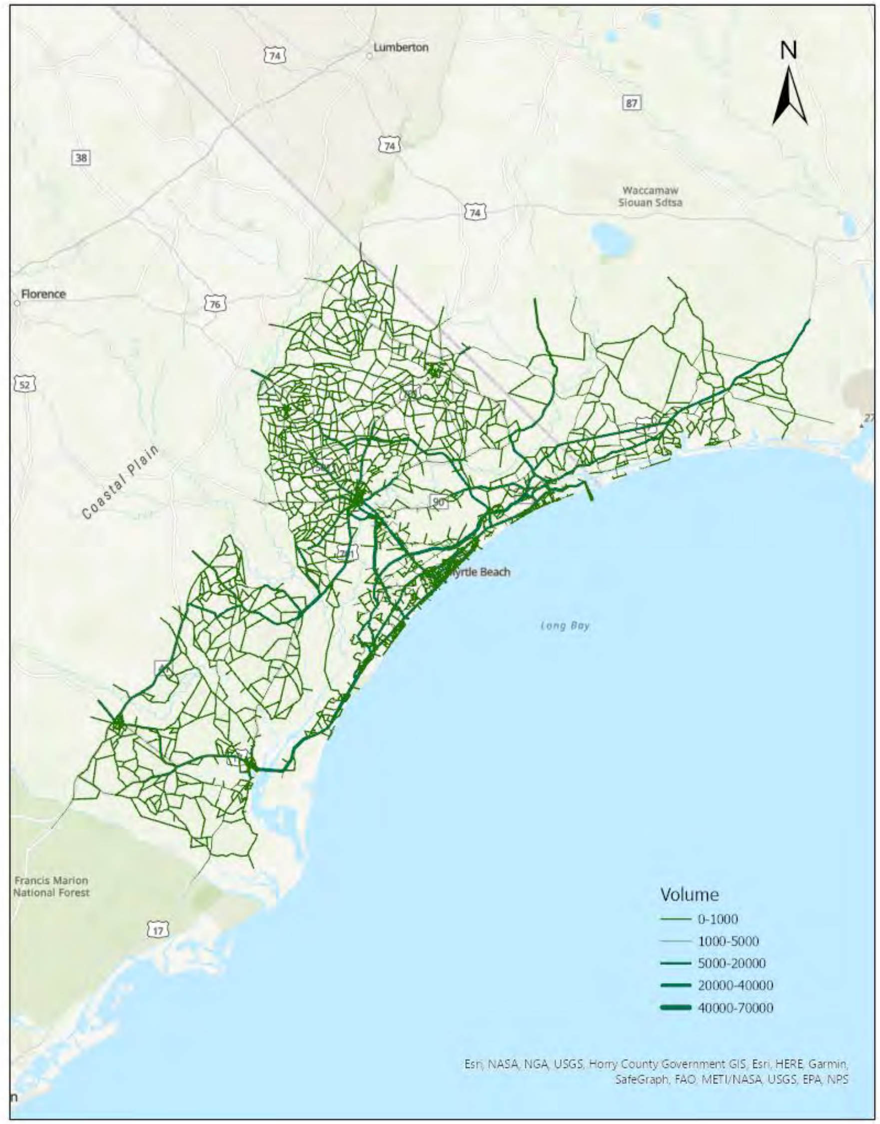
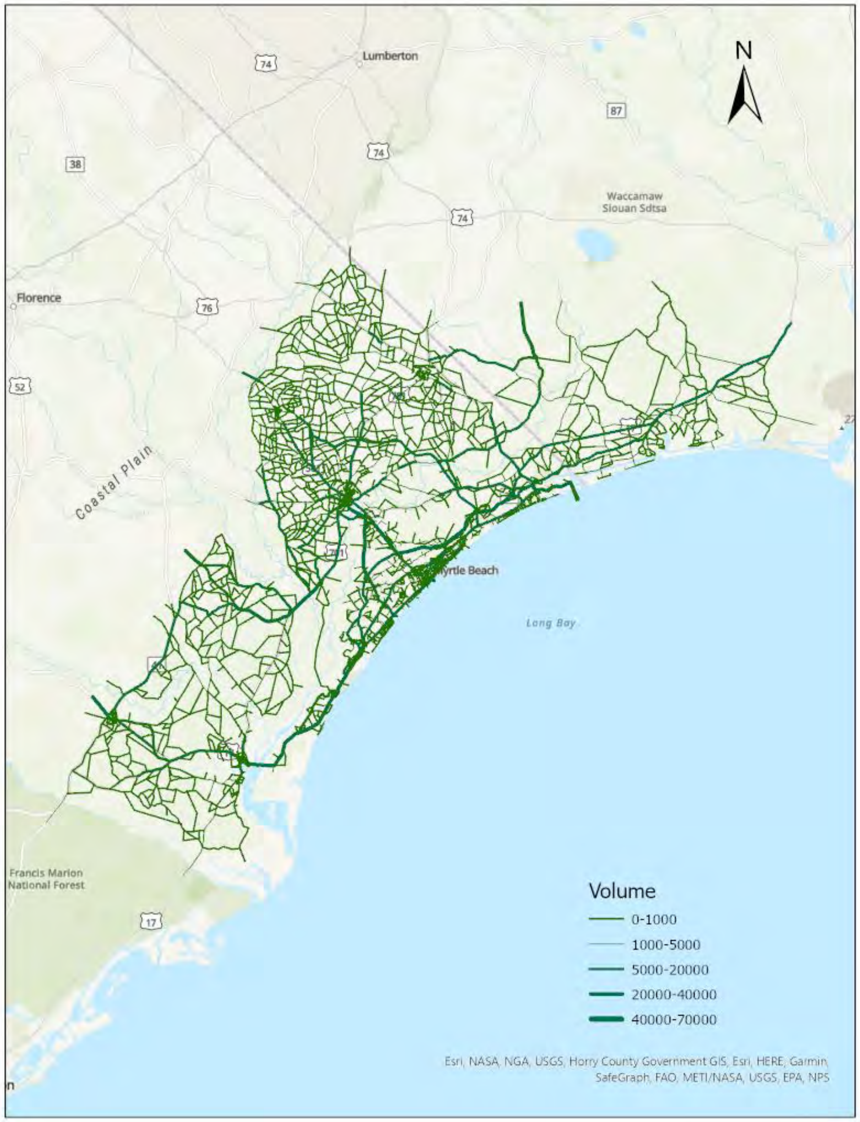
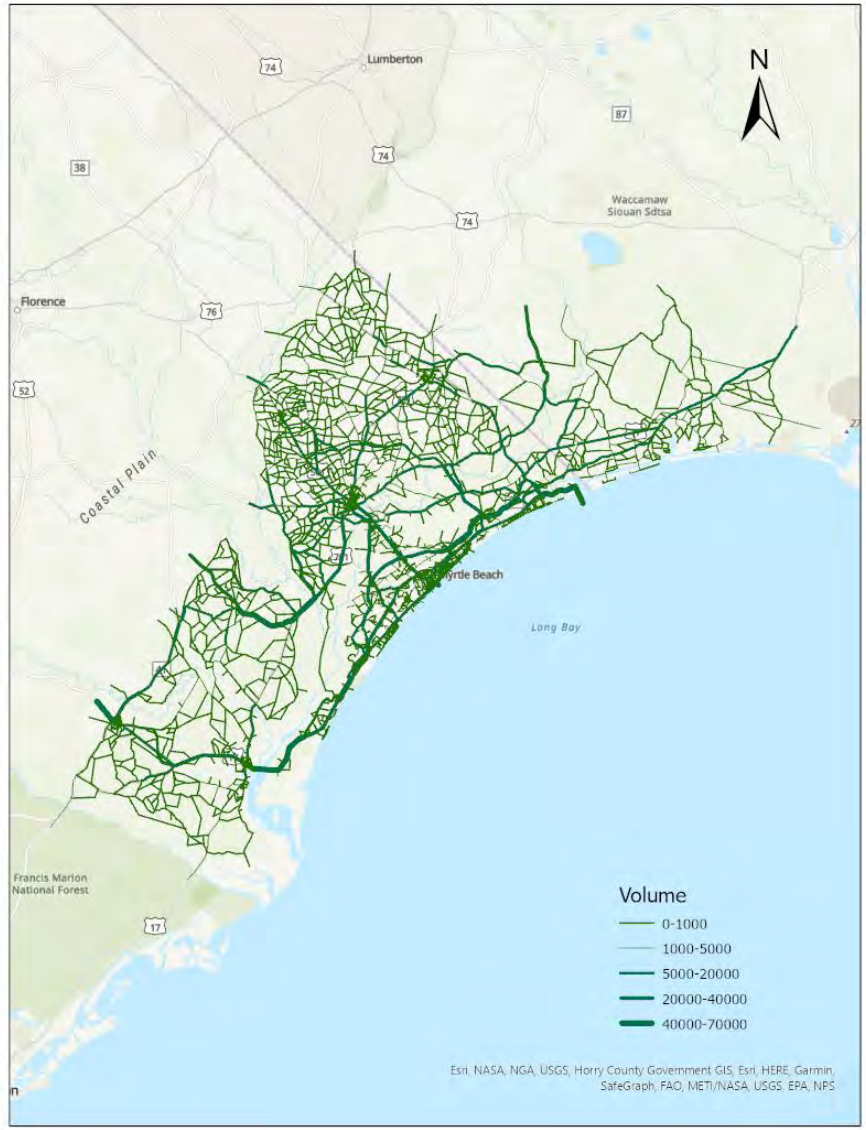




Scenario5

Scenario6

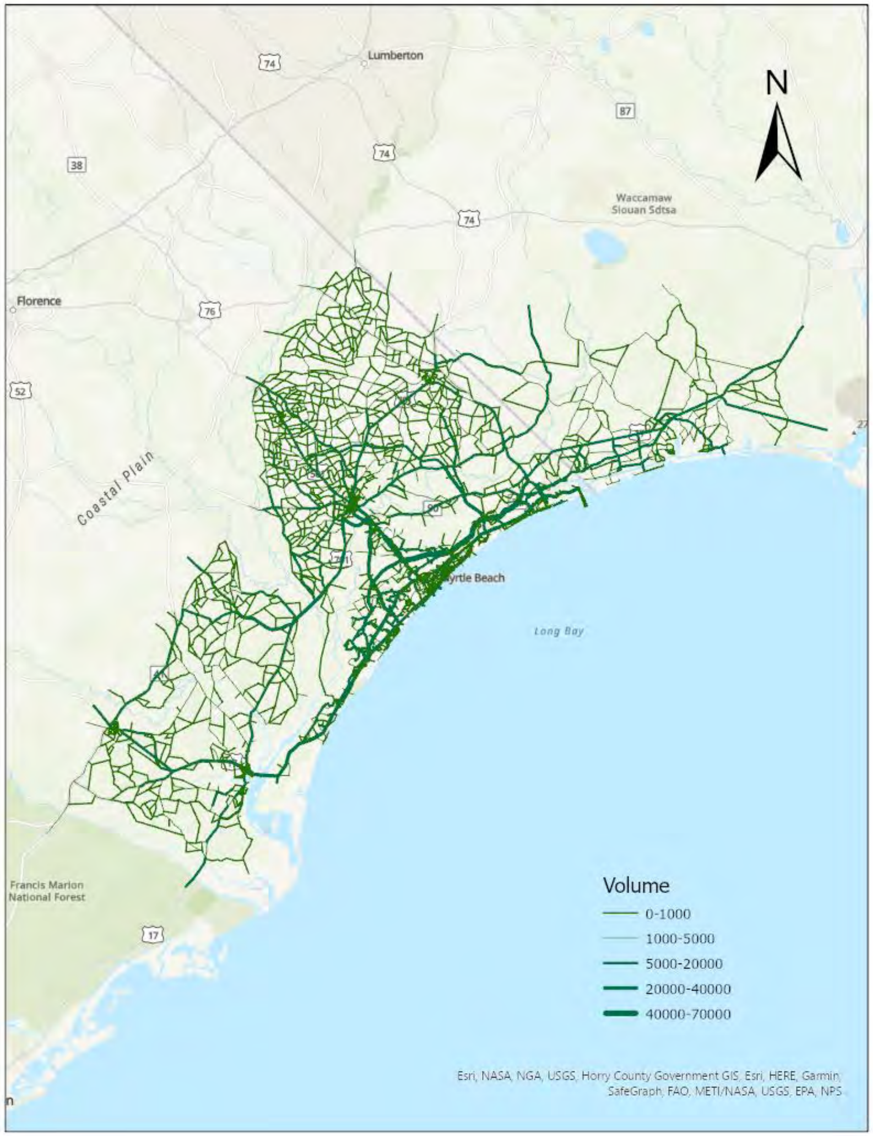




Alternative 10

Scenario1

Scenario2



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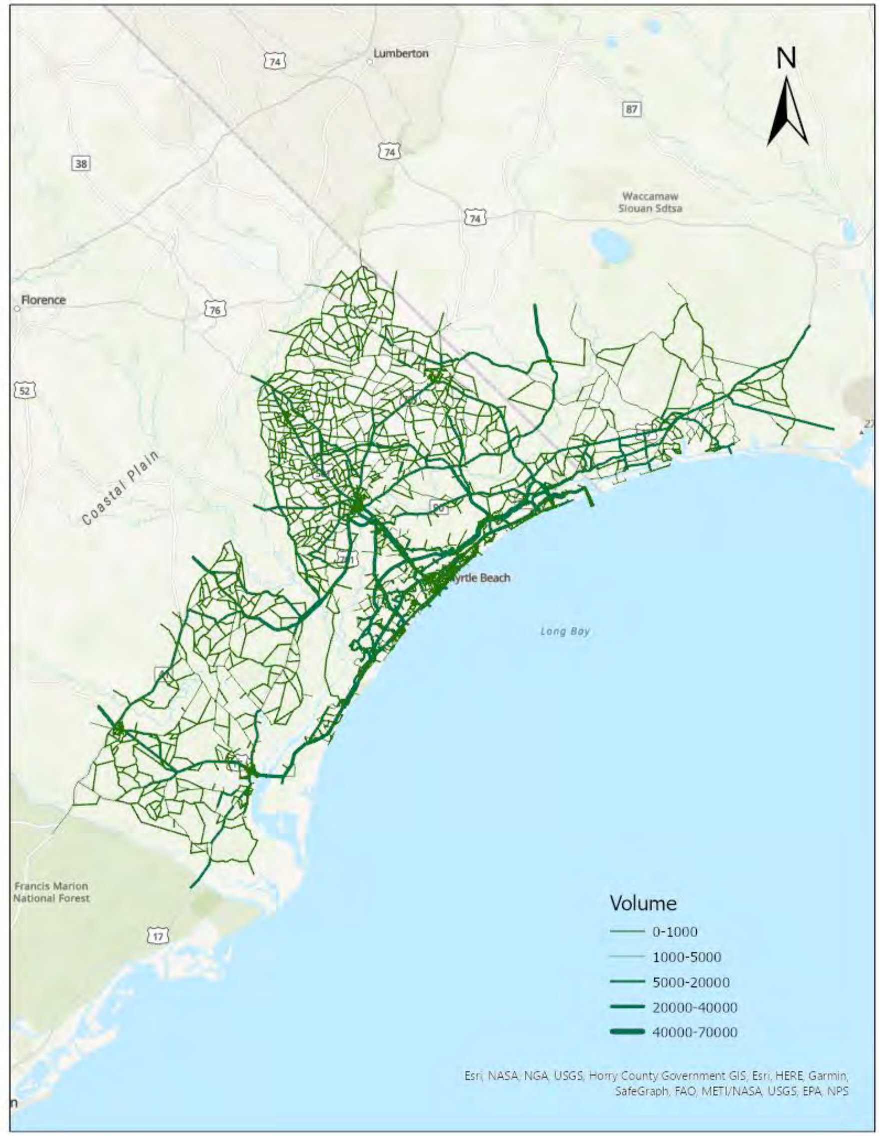

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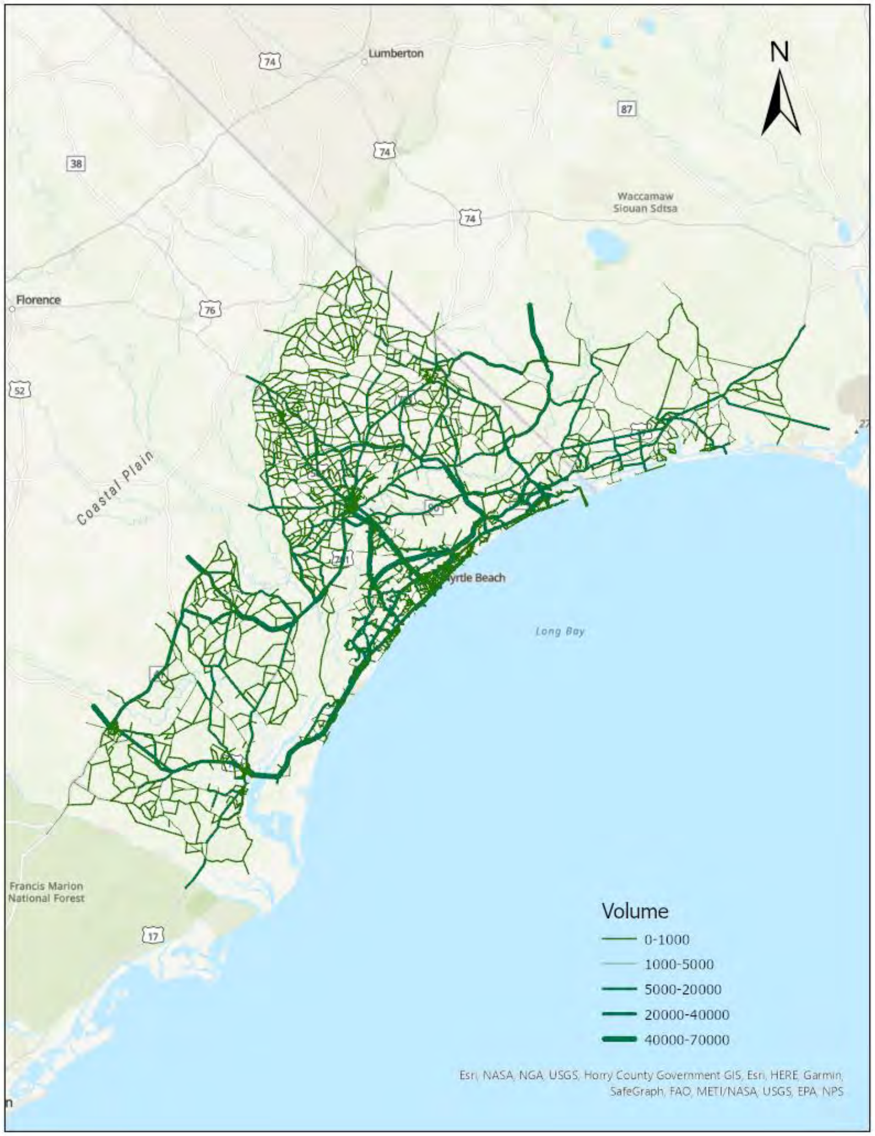

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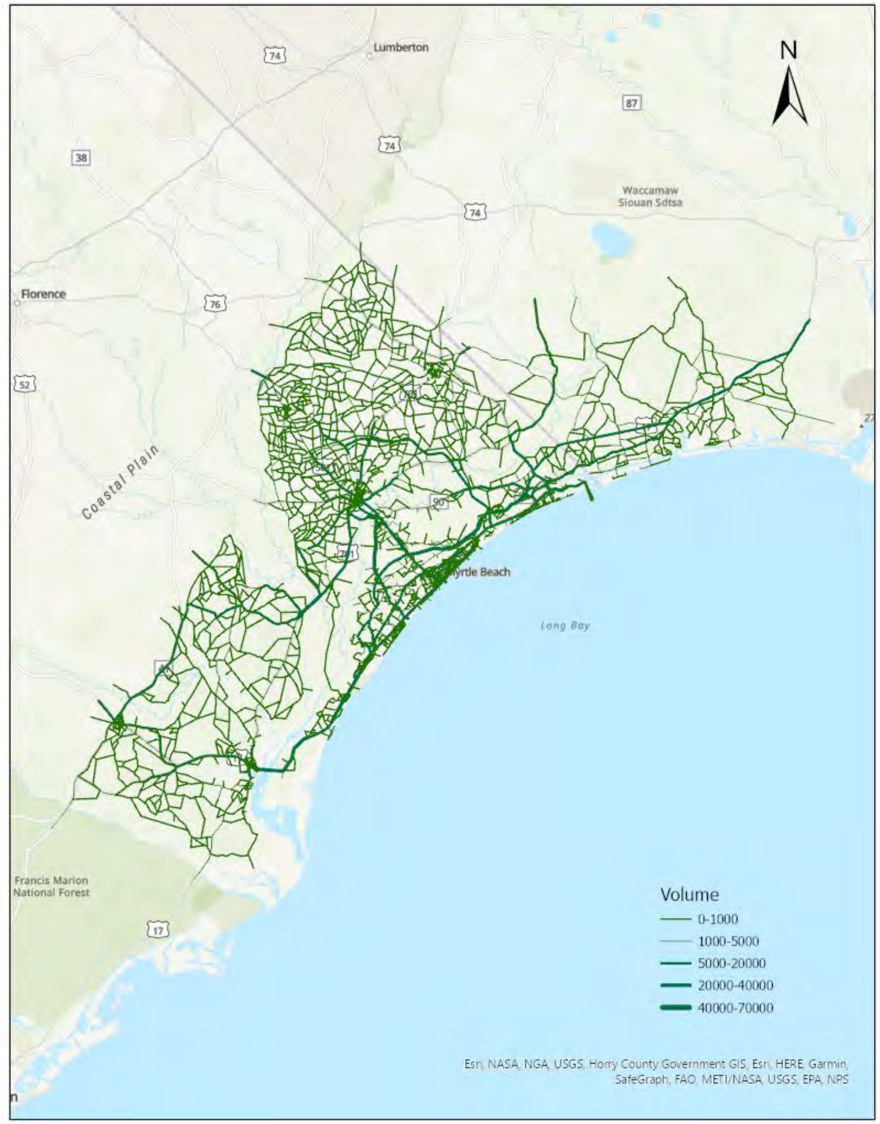

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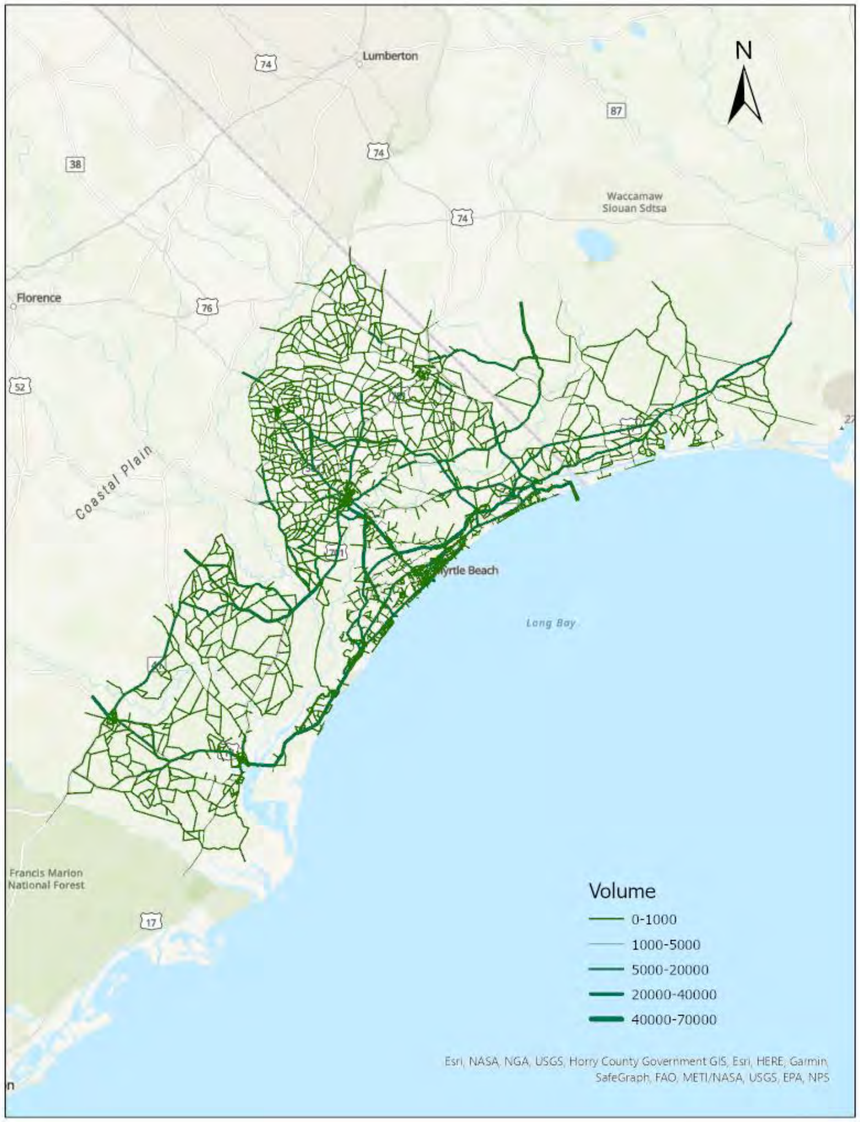
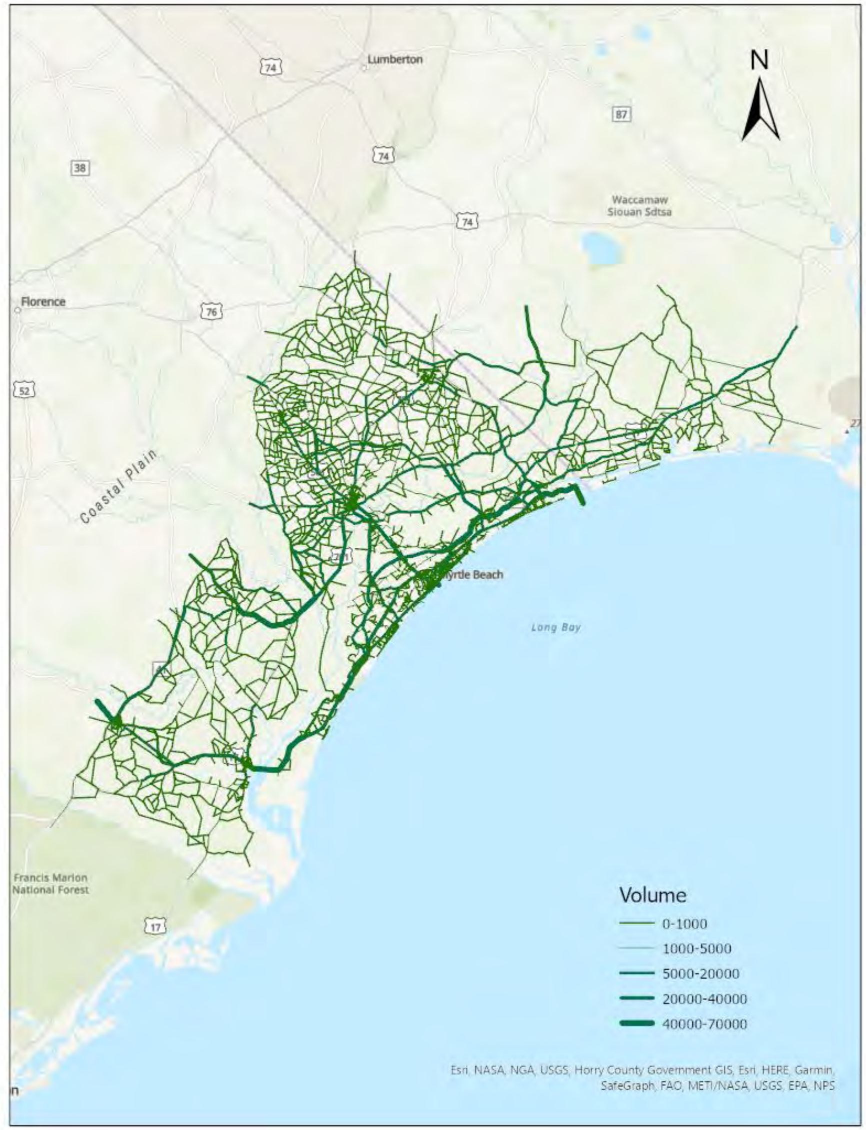
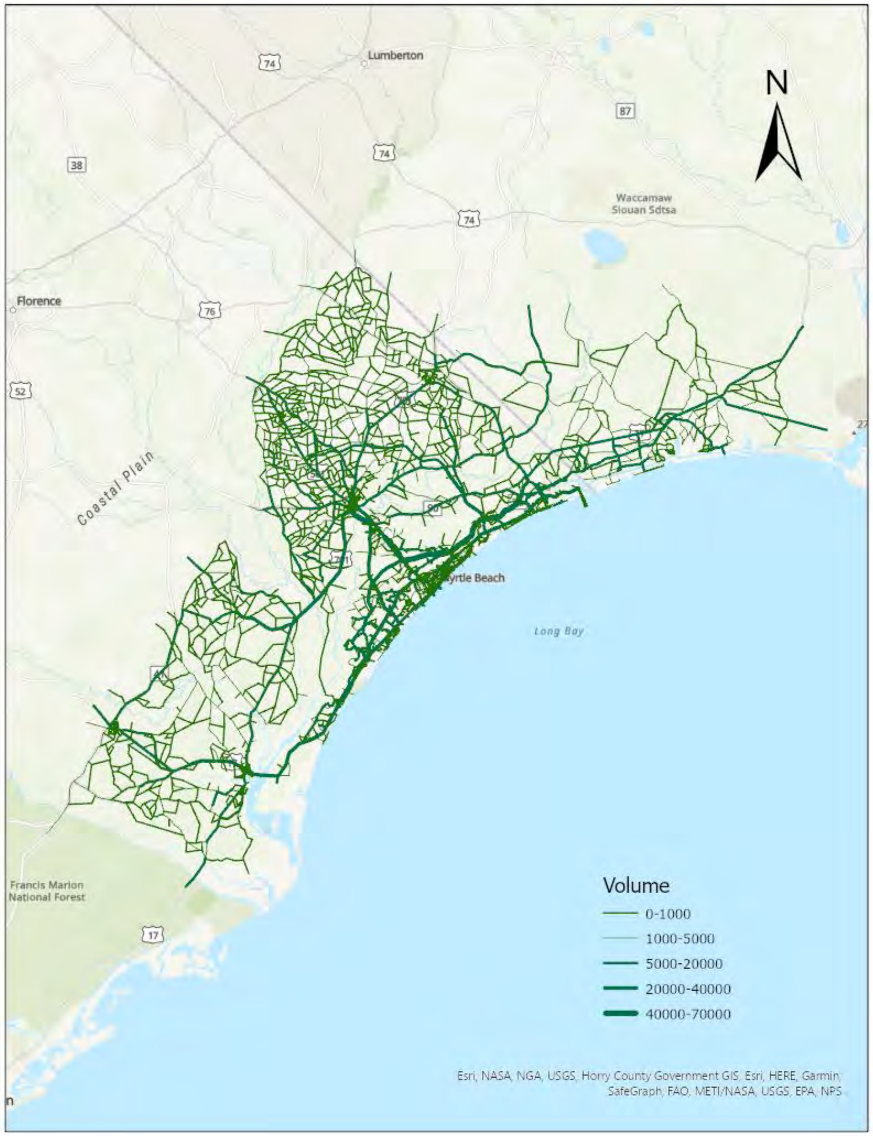




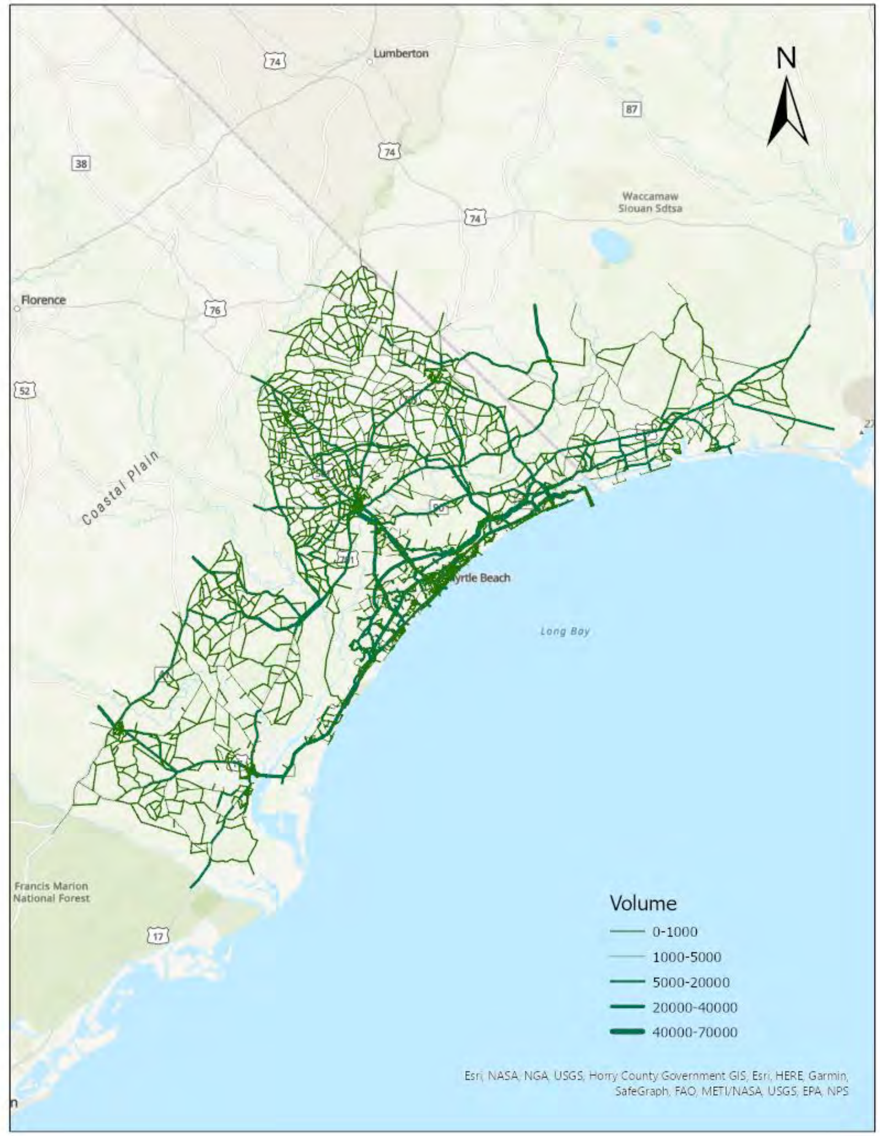
Alternative 11

Scenario1

Scenario2



Scenario3



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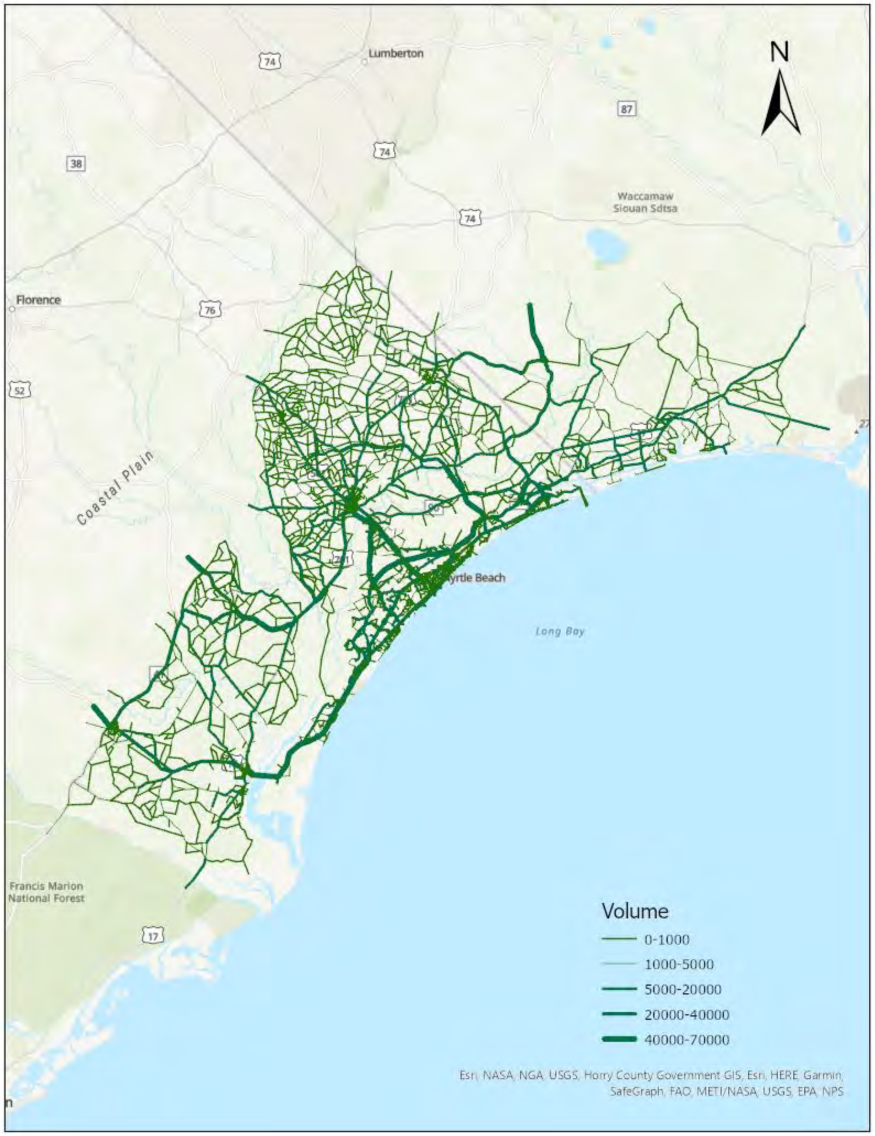
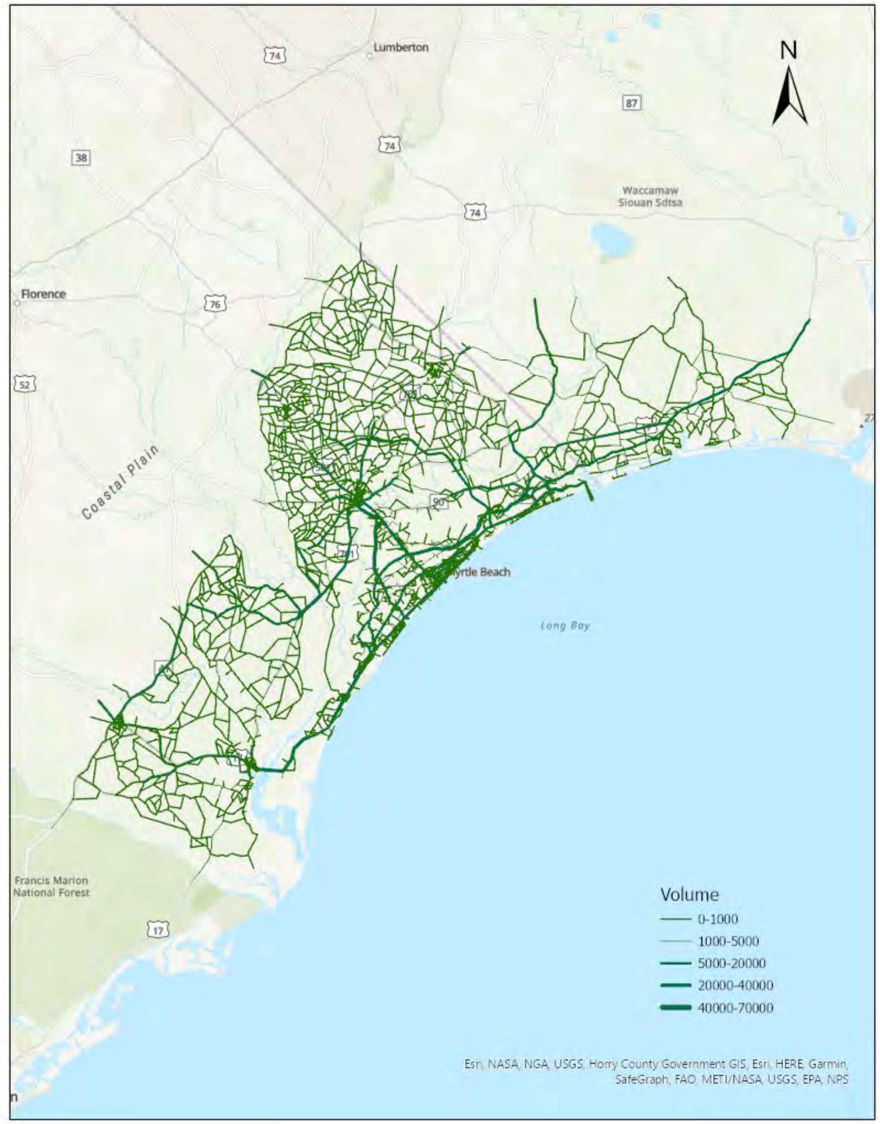
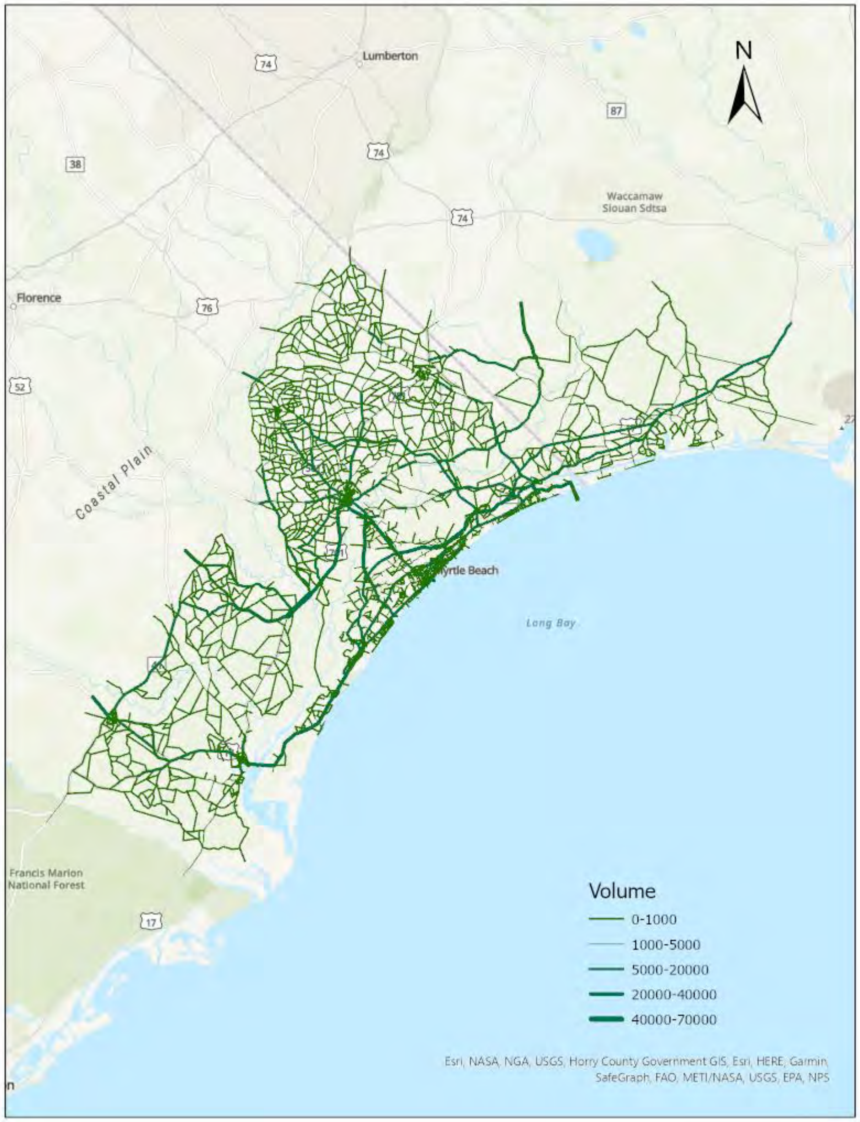




Scenario5

Scenario6



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Siouan Sdtsa
Florence
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Coastal Plain
Myrtle Beach
Long Bay
Francis Marion
National Forest
17
Volume
0-1000
1000-5000
5000-20000
20000-40000
40000-70000
Esri, NASA, NGA, USGS, Horry County Government GIS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS

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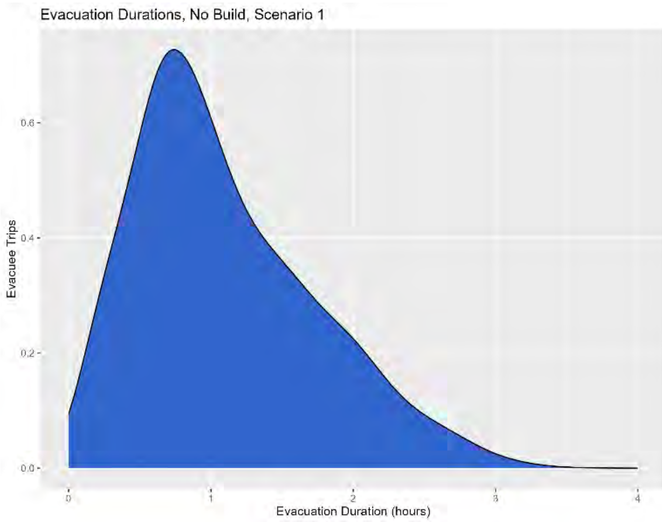
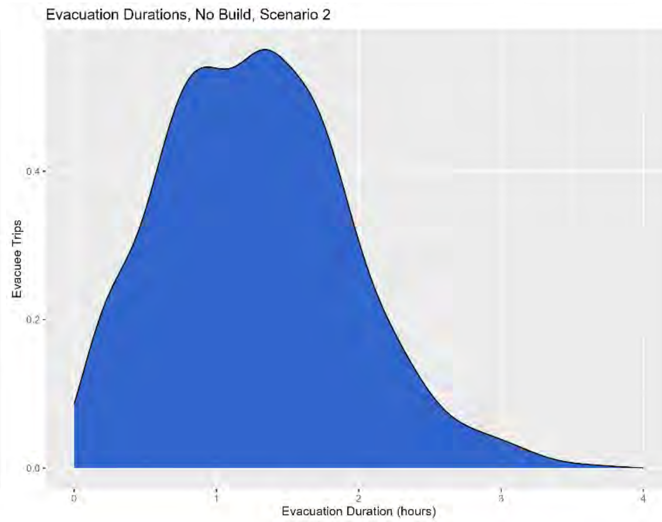
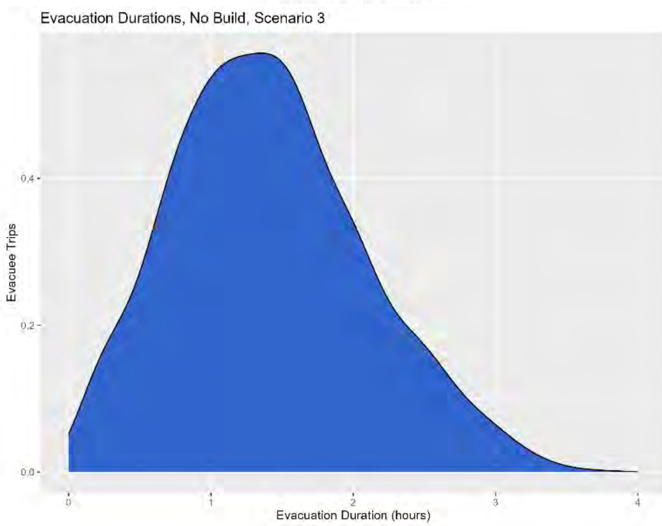
Esri, NASA, NGA, USGS, Horry County Government GIS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS

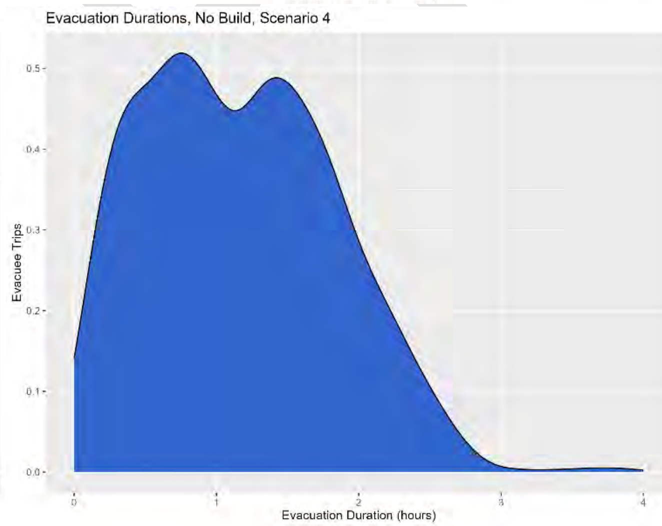
Appendix E – Evacuation Time Distributions

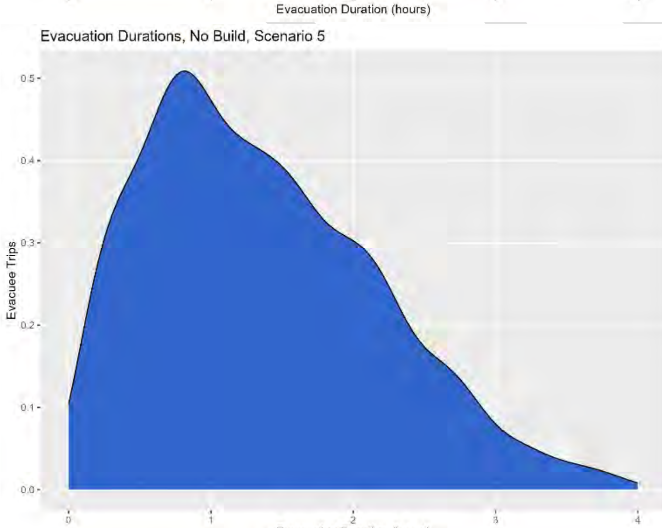
Appendix E – Evacuation Time Distributions

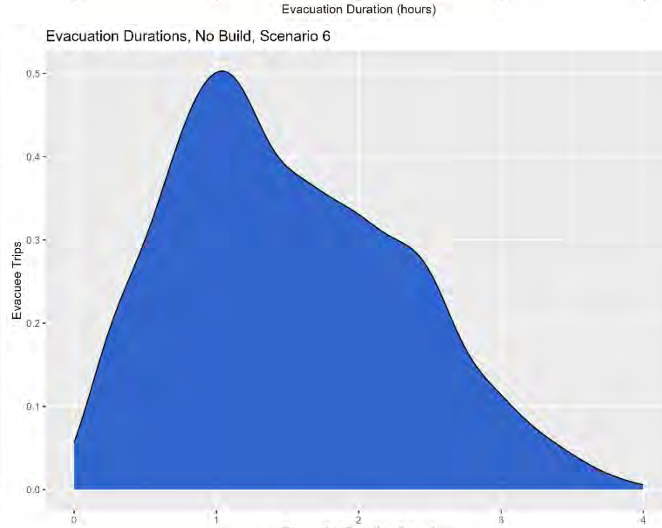


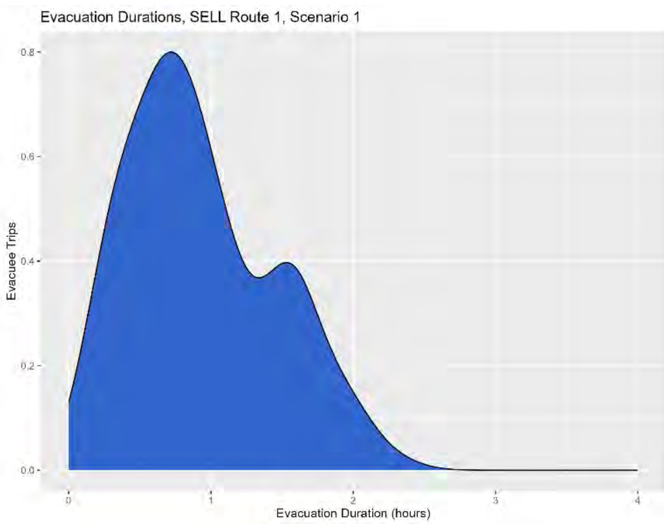


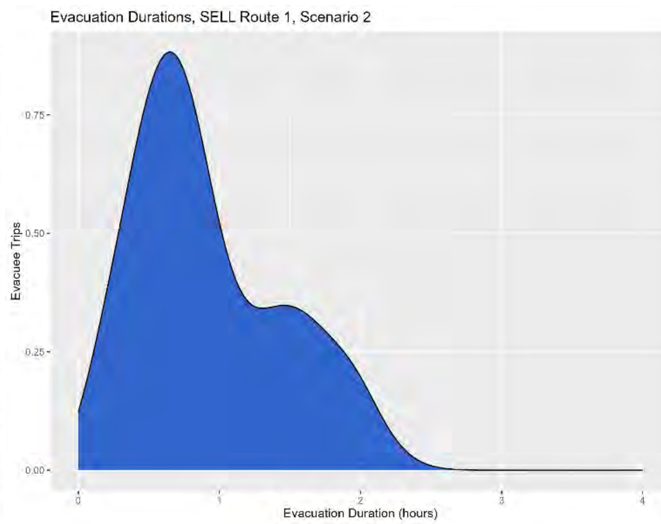


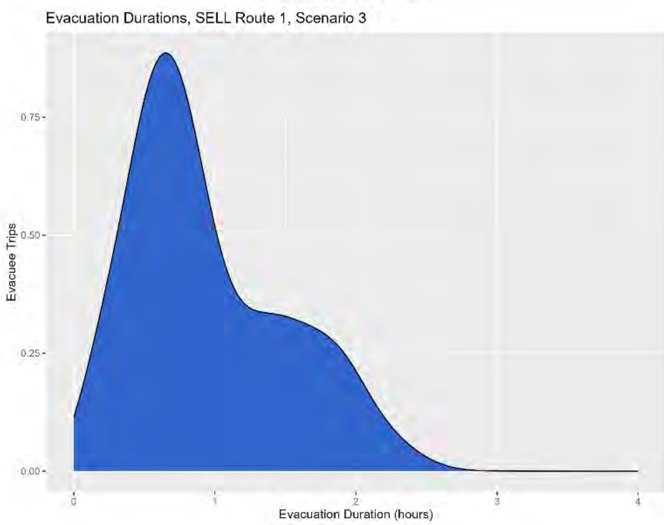


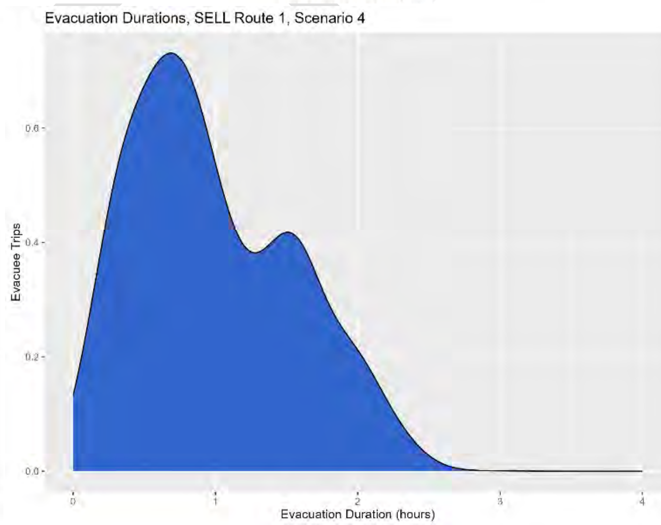


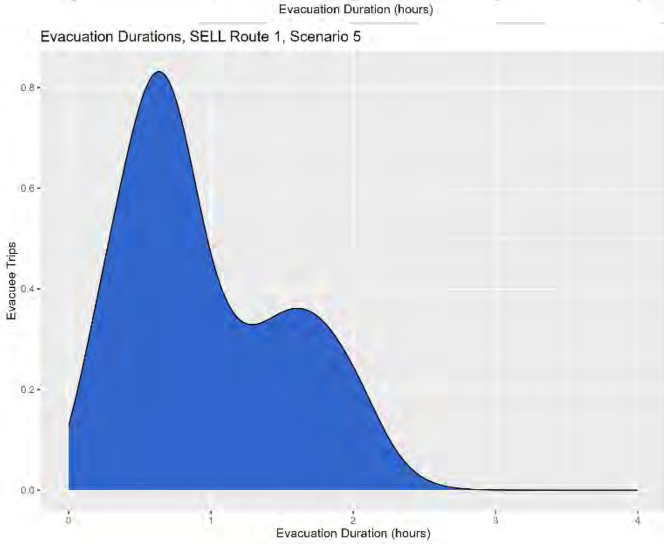


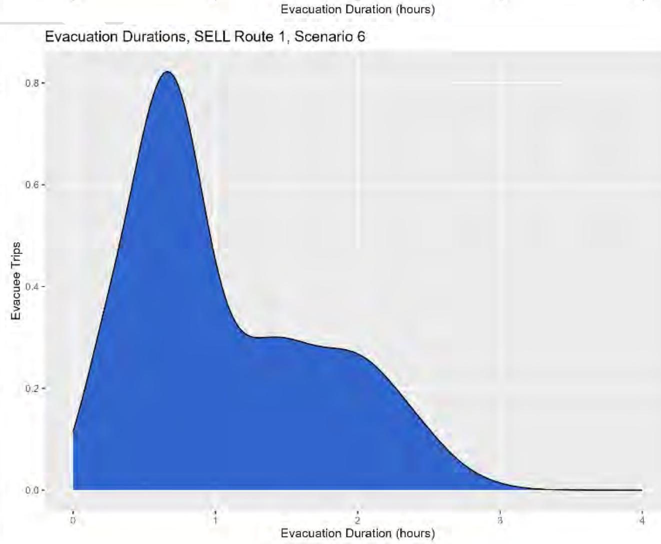

Evacuation Durations, SELL Route 1, Scenario 1
Evacuee Trips
Evacuation Duration (hours)

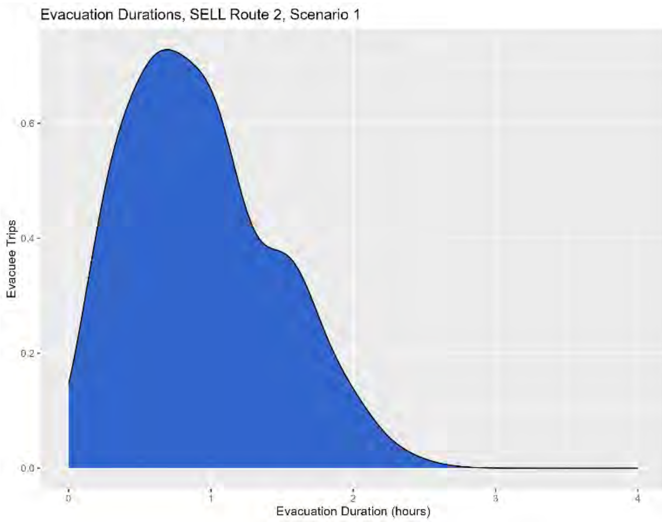

Evacuation Durations, SELL Route 1, Scenario 2
Evacuee Trips
Evacuation Duration (hours)

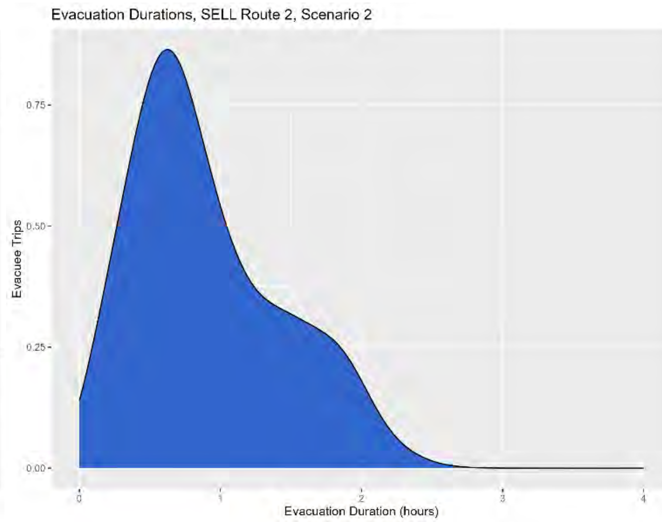

Evacuation Durations, SELL Route 1, Scenario 3
Evacuee Trips
Evacuation Duration (hours)

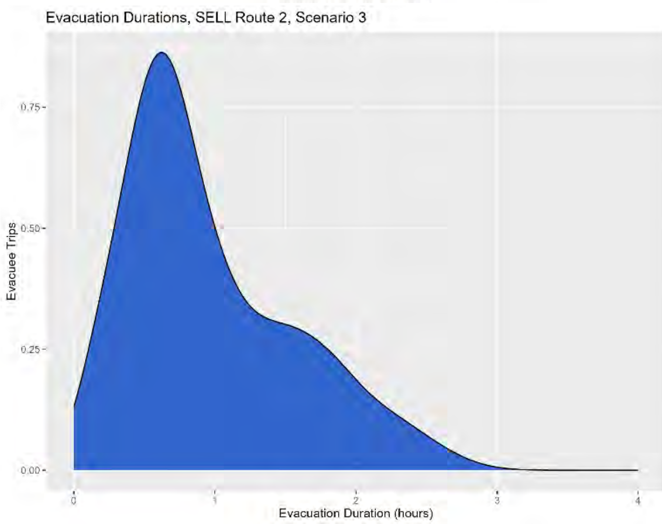

Evacuation Durations, SELL Route 1, Scenario 4
Evacuee Trips
Evacuation Duration (hours)

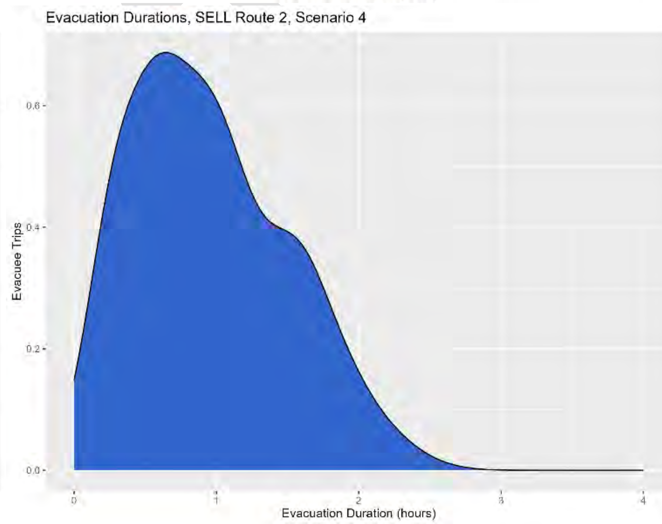

Evacuation Durations, SELL Route 1, Scenario 5
Evacuee Trips
Evacuation Duration (hours)

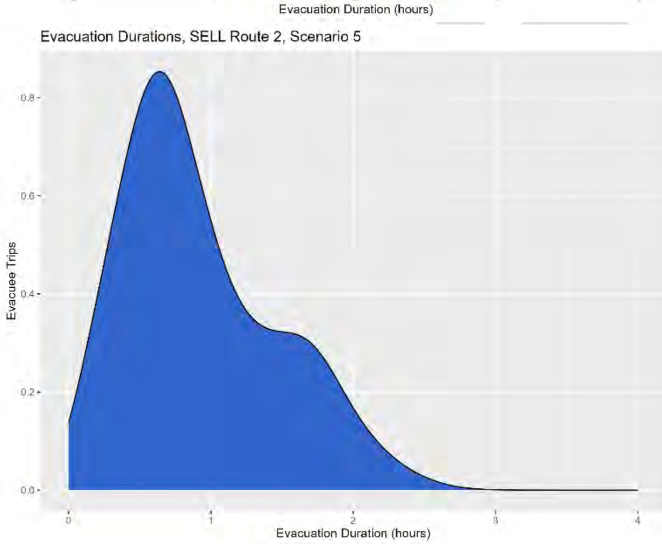

Evacuation Durations, SELL Route 1, Scenario 6
Evacuee Trips
Evacuation Duration (hours)

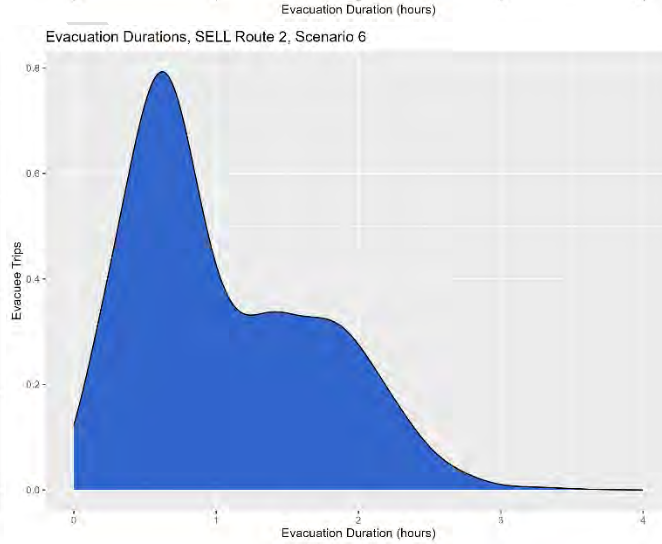

Evacuation Durations, SELL Route 2, Scenario 1
Evacuee Trips
0.0
0.2
0.4
0.6
0
1
2
3
4
Evacuation Duration (hours)

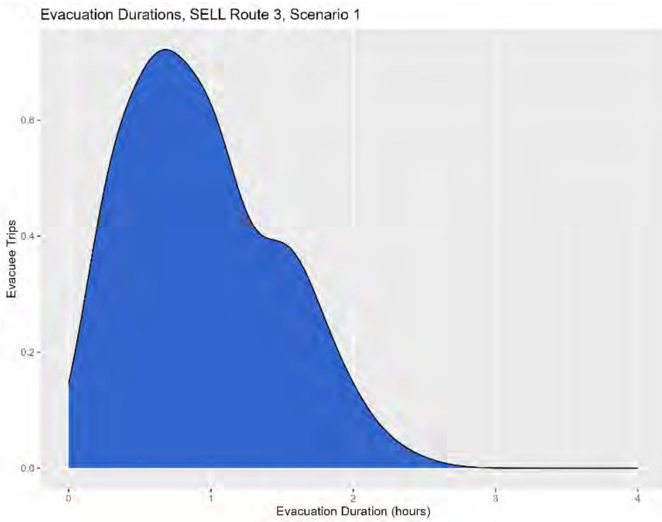

Evacuation Durations, SELL Route 2, Scenario 2
Evacuee Trips
0.00
0.25
0.50
0.75
0
1
2
3
4
Evacuation Duration (hours)

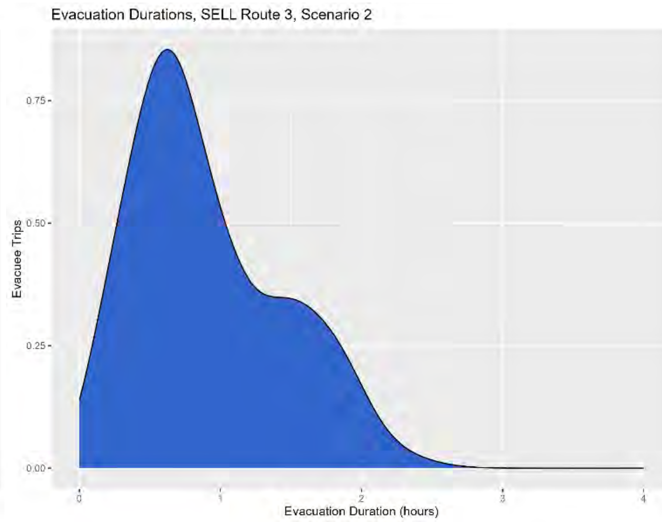

Evacuation Durations, SELL Route 2, Scenario 3
Evacuee Trips
0.00
0.25
0.50
0.75
0
1
2
3
4
Evacuation Duration (hours)

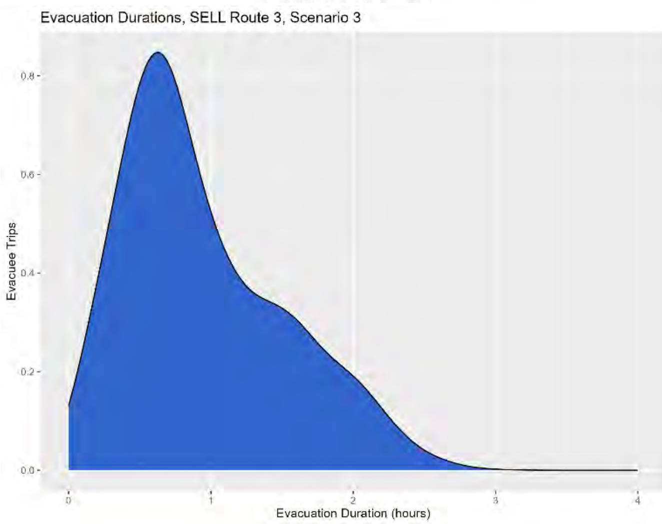

Evacuation Durations, SELL Route 2, Scenario 4
Evacuee Trips
0.0
0.2
0.4
0.6
0
1
2
3
4
Evacuation Duration (hours)

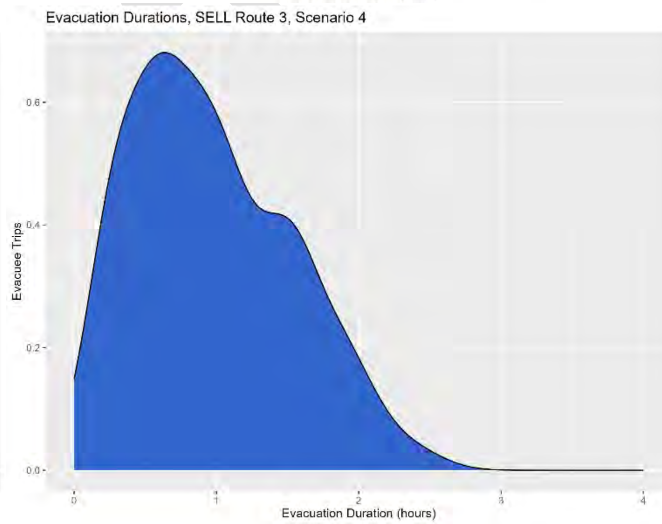

Evacuation Durations, SELL Route 2, Scenario 5
Evacuee Trips
0.0
0.2
0.4
0.6
0.8
0
1
2
3
4
Evacuation Duration (hours)

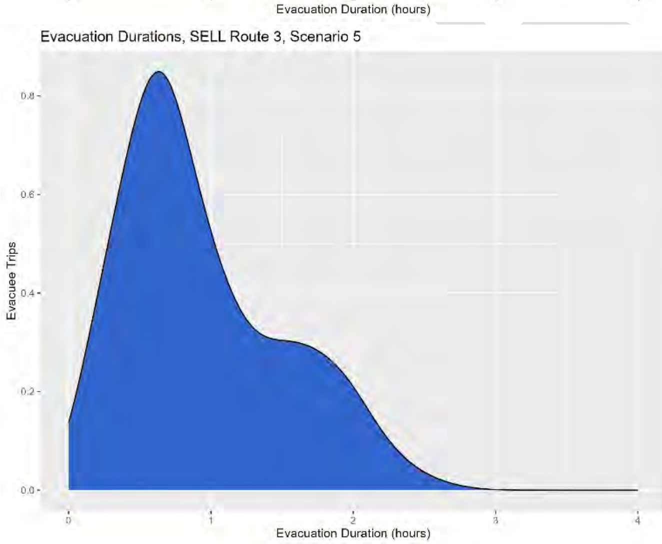

Evacuation Durations, SELL Route 2, Scenario 6
Evacuee Trips
0.0
0.2
0.4
0.6
0.8
0
1
2
3
4
Evacuation Duration (hours)

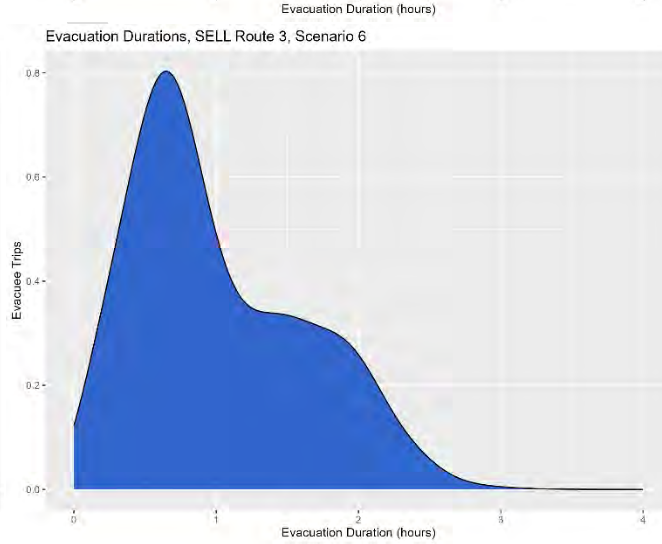

Evacuation Durations, SELL Route 3, Scenario 1
Evacuee Trips
0.0
0.2
0.4
0.6
0
1
2
3
4
Evacuation Duration (hours)


Evacuation Durations, SELL Route 3, Scenario 2
Evacuee Trips
0.00
0.25
0.50
0.75
0
1
2
3
4
Evacuation Duration (hours)

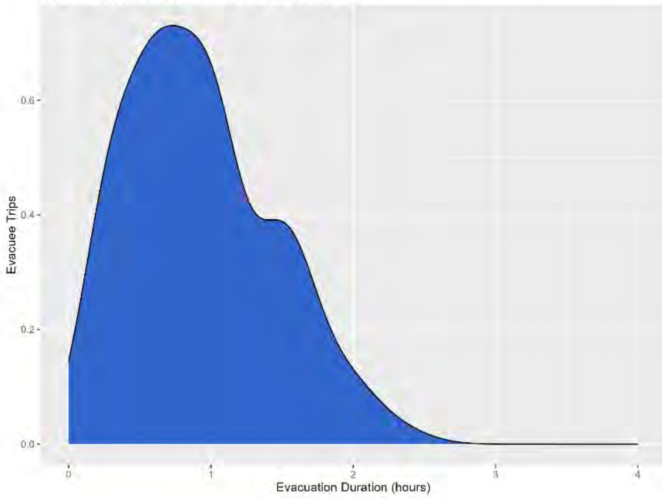

Evacuation Durations, SELL Route 3, Scenario 3
Evacuee Trips
0.0
0.2
0.4
0.6
0.8
0
1
2
3
4
Evacuation Duration (hours)


Evacuation Durations, SELL Route 3, Scenario 4
Evacuee Trips
0.0
0.2
0.4
0.6
0
1
2
3
4
Evacuation Duration (hours)

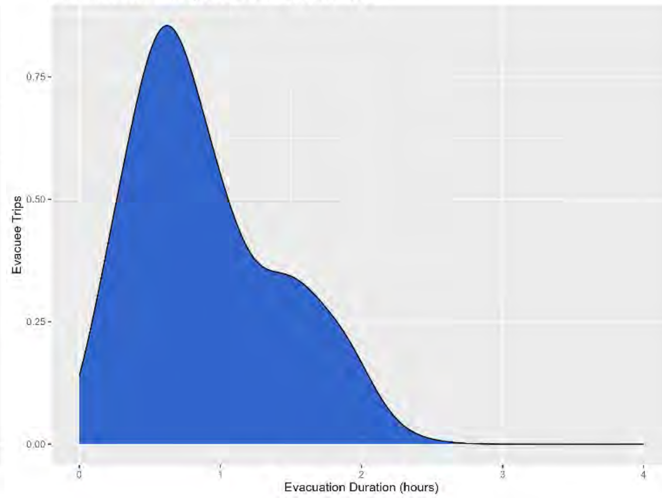

Evacuation Durations, SELL Route 3, Scenario 5
Evacuee Trips
0.0
0.2
0.4
0.6
0.8
0
1
2
3
4
Evacuation Duration (hours)


Evacuation Durations, SELL Route 3, Scenario 6
Evacuee Trips
0.0
0.2
0.4
0.6
0.8
0
1
2
3
4
Evacuation Duration (hours)

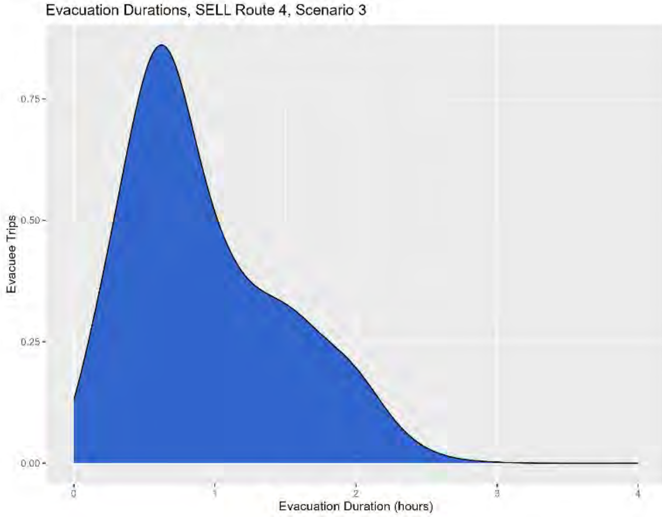
Evacuation Durations, SELL Route 4, Scenario 1



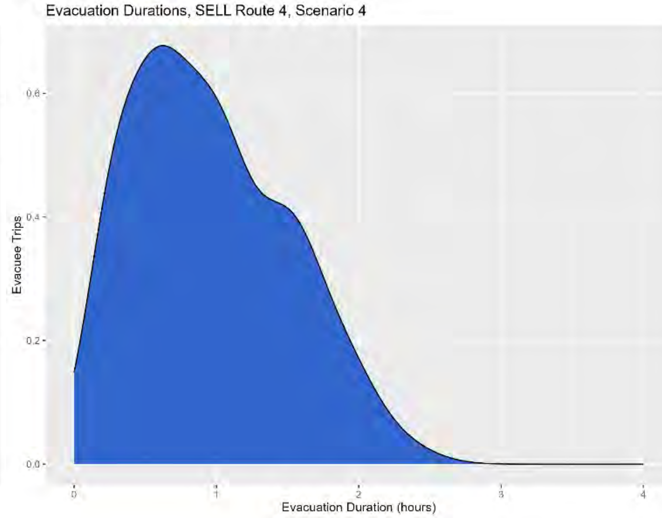
Evacuation Durations, SELL Route 4, Scenario 2



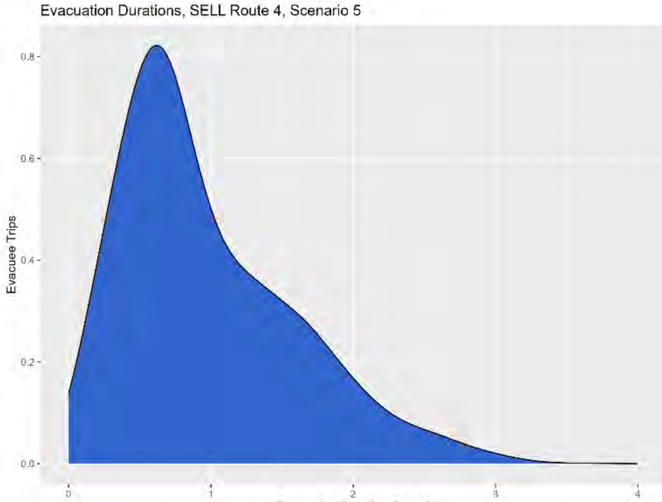
Evacuation Durations, SELL Route 4, Scenario 3



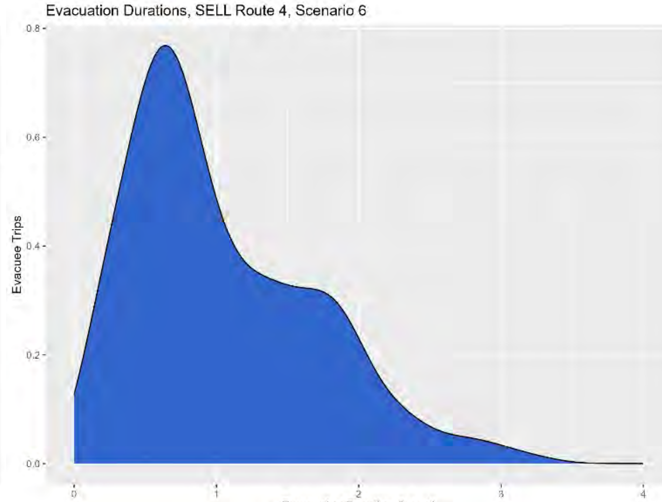
Evacuation Durations, SELL Route 4, Scenario 4



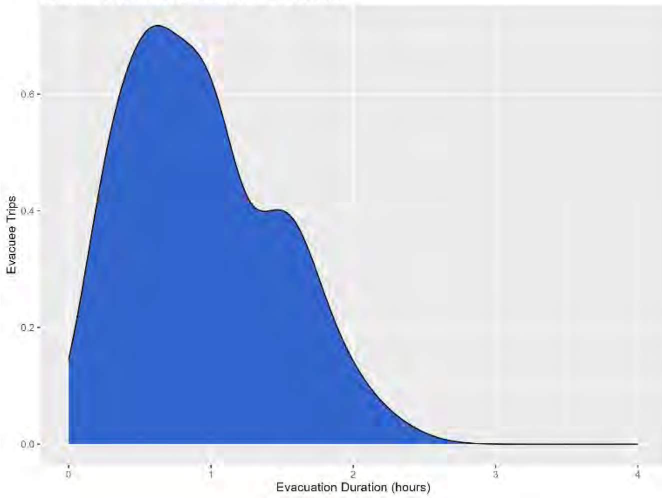
Evacuation Durations, SELL Route 4, Scenario 5



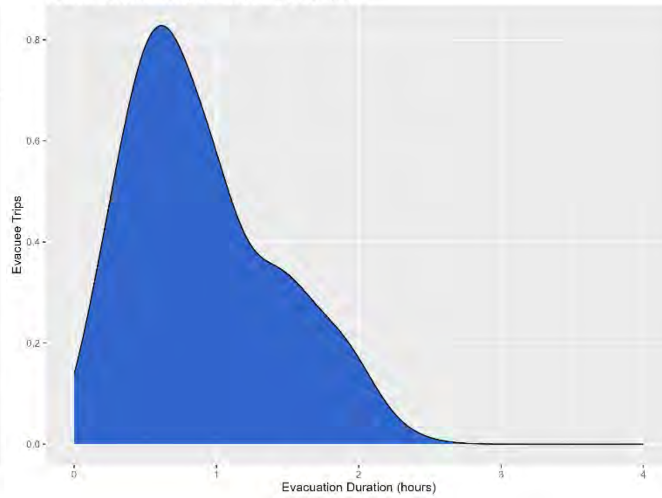
Evacuation Durations, SELL Route 4, Scenario 6



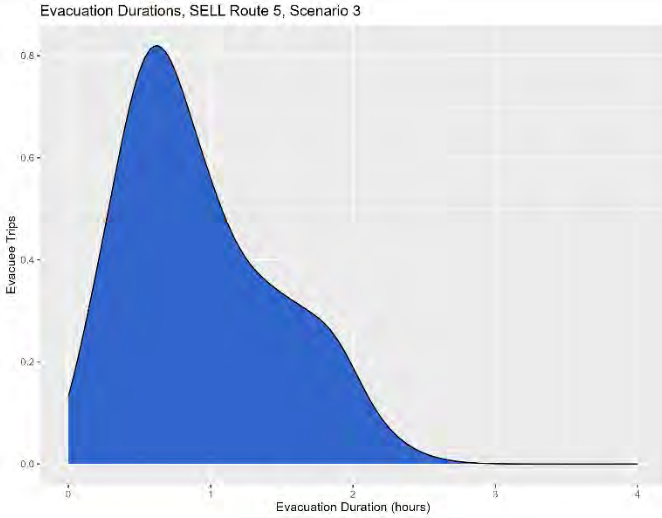
Evacuation Durations, SELL Route 5, Scenario 1



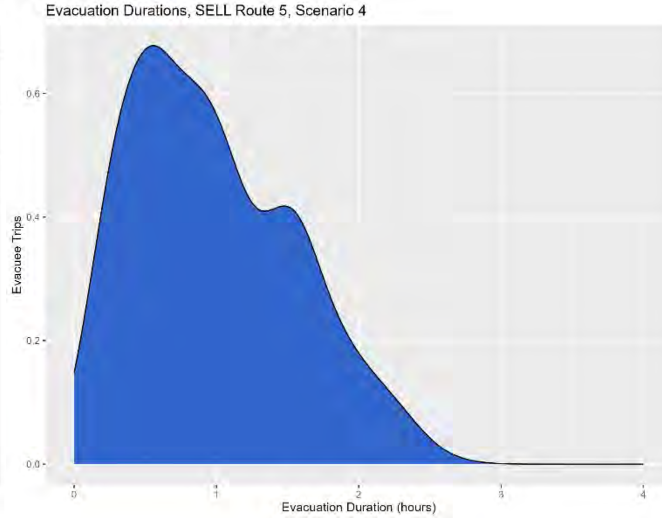
Evacuation Durations, SELL Route 5, Scenario 2



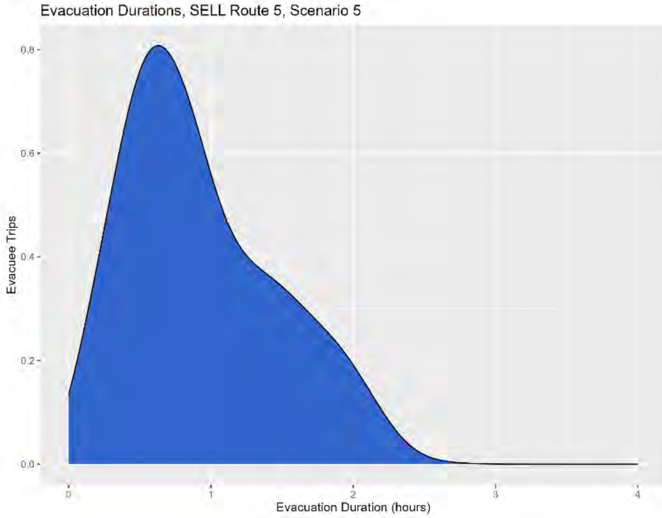
Evacuation Durations, SELL Route 5, Scenario 3



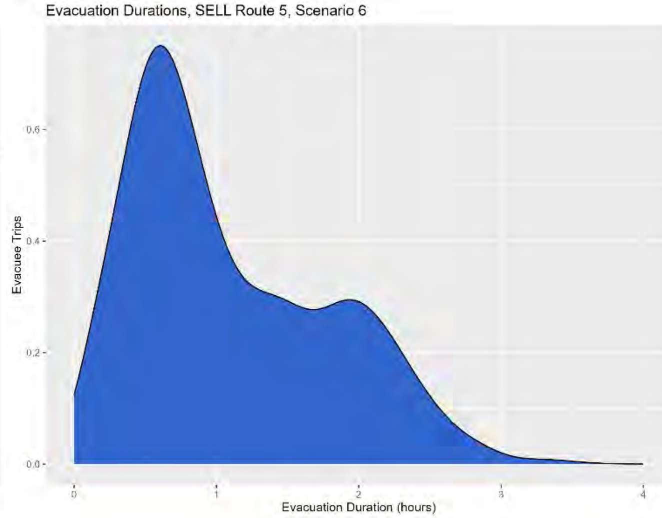
Evacuation Durations, SELL Route 5, Scenario 4

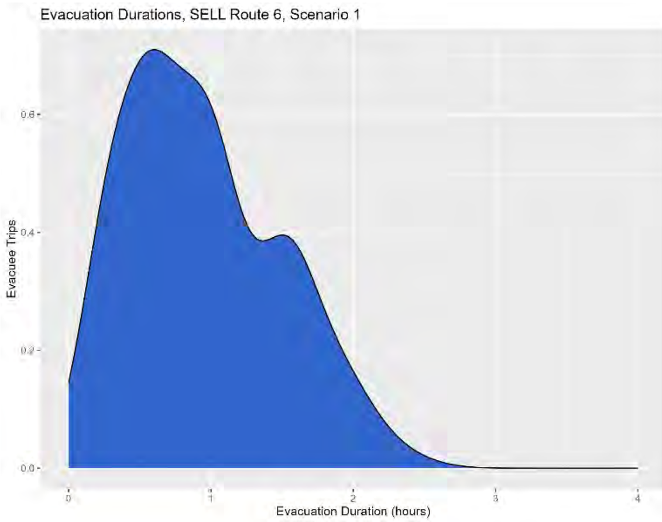


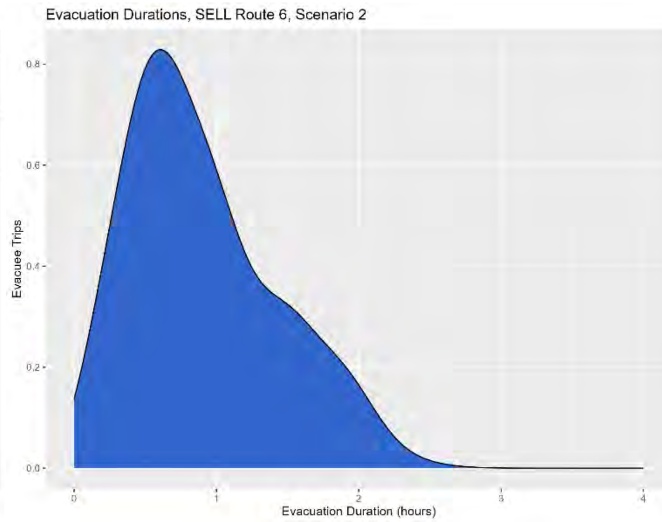
Evacuation Durations, SELL Route 5, Scenario 5

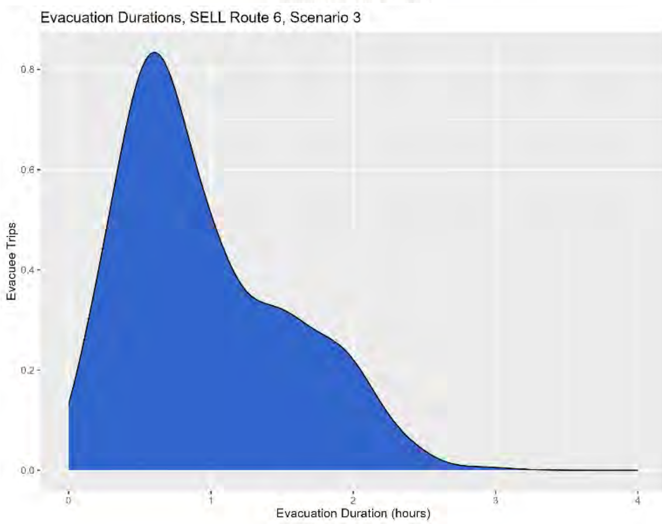


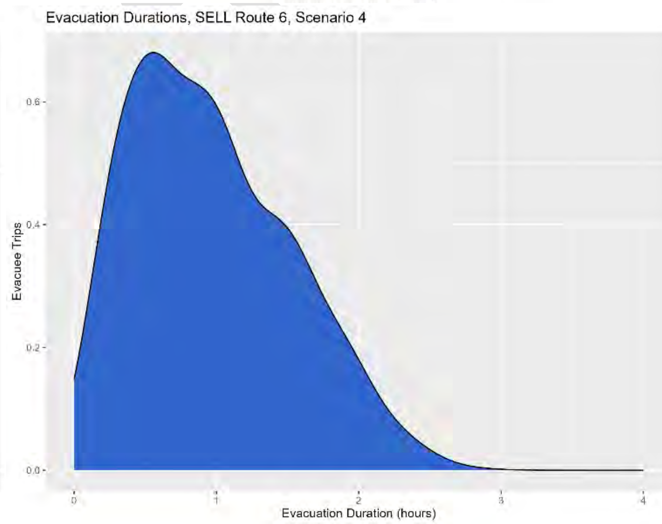
Evacuation Durations, SELL Route 5, Scenario 6

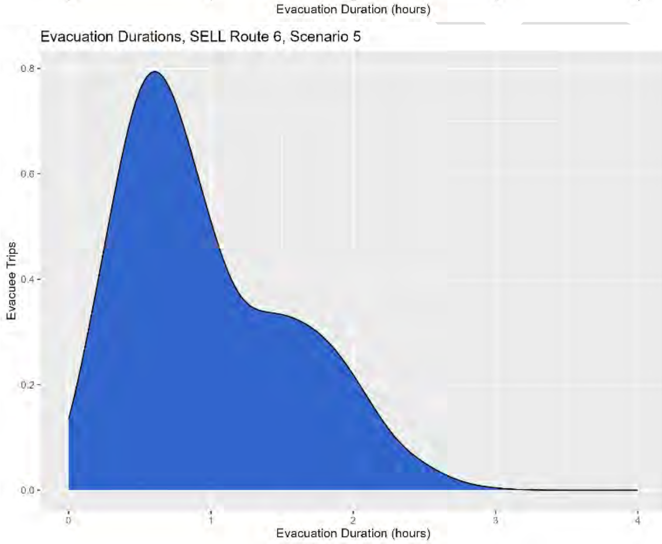


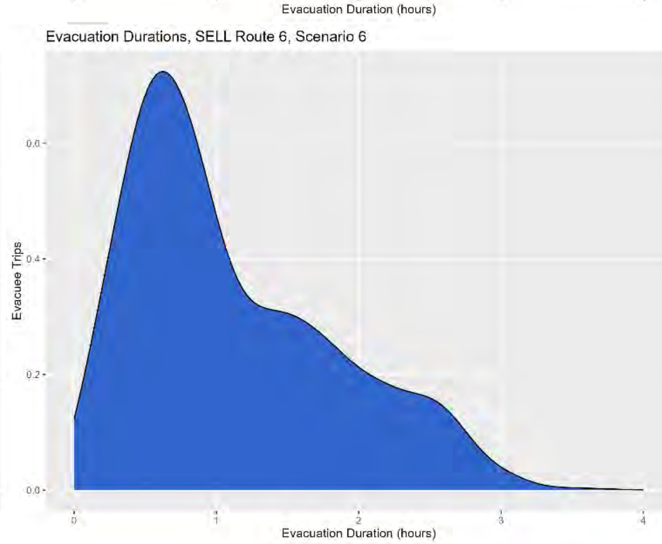

Evacuation Durations, SELL Route 6, Scenario 1
Evacuee Trips
Evacuation Duration (hours)

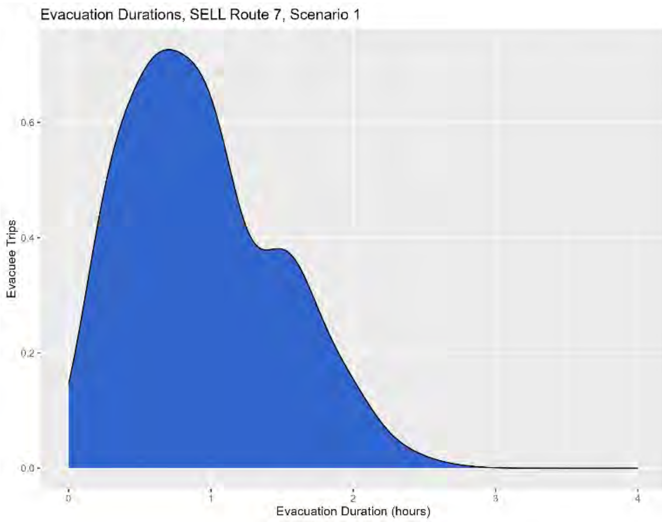

Evacuation Durations, SELL Route 6, Scenario 2
Evacuee Trips
Evacuation Duration (hours)

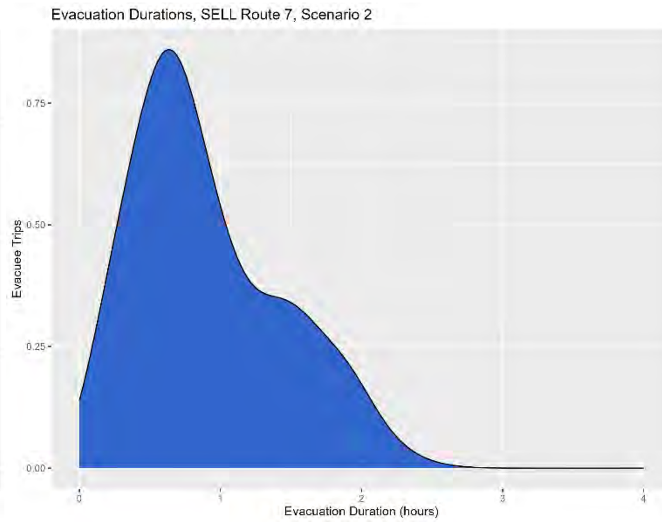

Evacuation Durations, SELL Route 6, Scenario 3
Evacuee Trips
Evacuation Duration (hours)

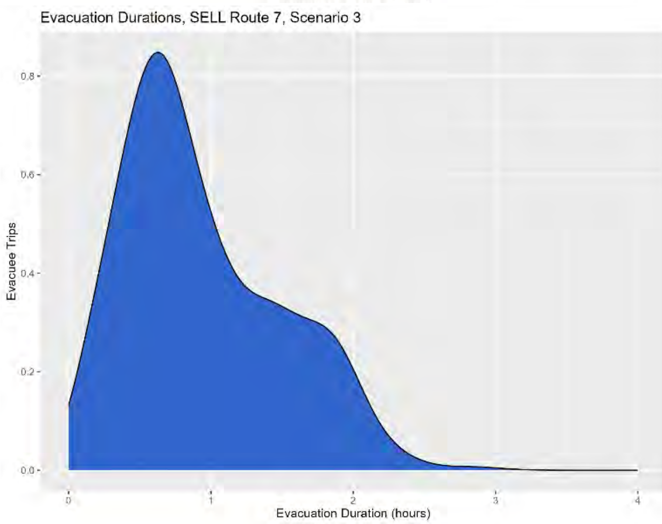

Evacuation Durations, SELL Route 6, Scenario 4
Evacuee Trips
Evacuation Duration (hours)

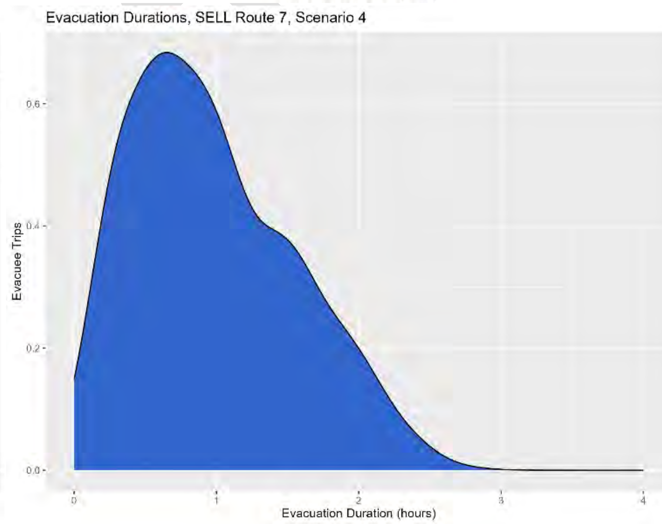

Evacuation Durations, SELL Route 6, Scenario 5
Evacuee Trips
Evacuation Duration (hours)

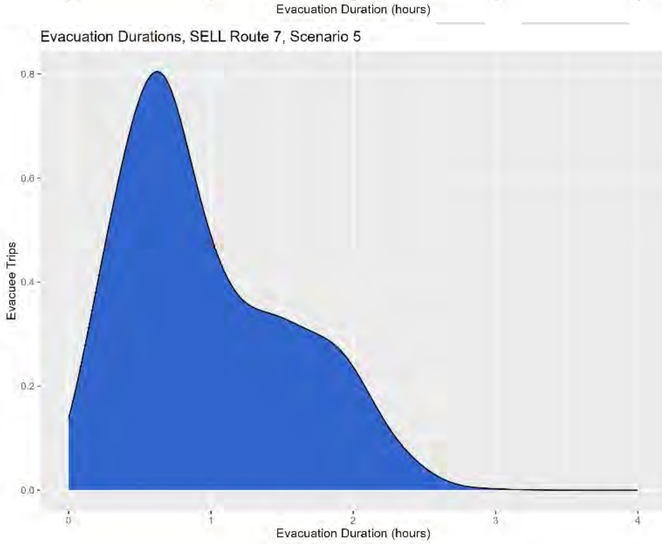

Evacuation Durations, SELL Route 6, Scenario 6
Evacuee Trips
Evacuation Duration (hours)

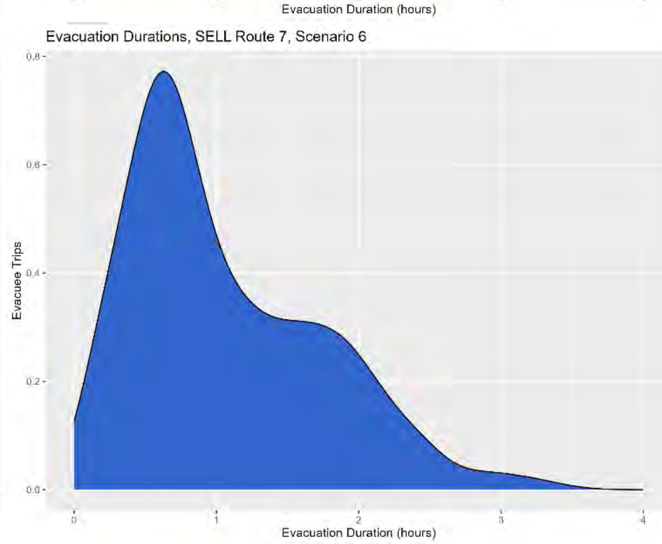

Evacuation Durations, SELL Route 7, Scenario 1
Evacuee Trips
Evacuation Duration (hours)


Evacuation Durations, SELL Route 7, Scenario 2
Evacuee Trips
Evacuation Duration (hours)

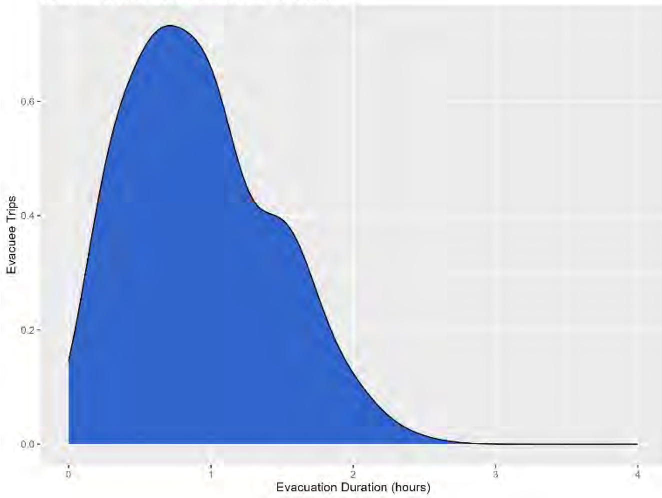

Evacuation Durations, SELL Route 7, Scenario 3
Evacuee Trips
Evacuation Duration (hours)


Evacuation Durations, SELL Route 7, Scenario 4
Evacuee Trips
Evacuation Duration (hours)

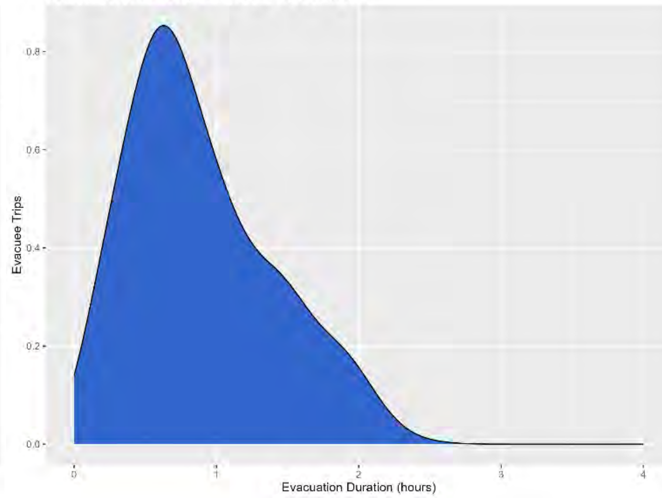

Evacuation Durations, SELL Route 7, Scenario 5
Evacuee Trips
Evacuation Duration (hours)


Evacuation Durations, SELL Route 7, Scenario 6
Evacuee Trips
Evacuation Duration (hours)

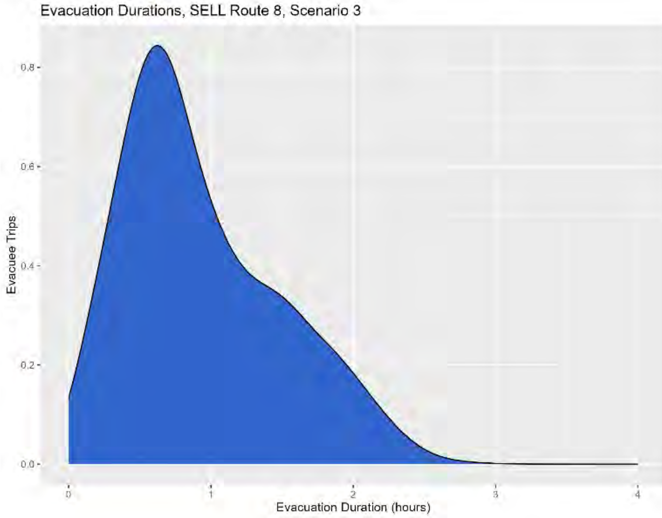
Evacuation Durations, SELL Route 8, Scenario 1



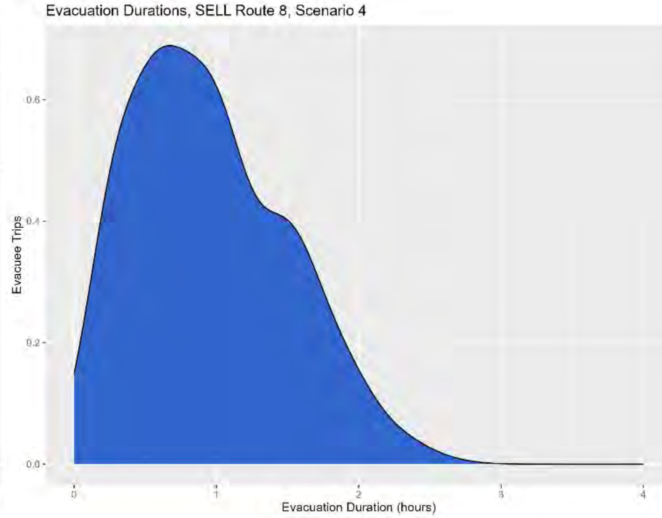
Evacuation Durations, SELL Route 8, Scenario 2



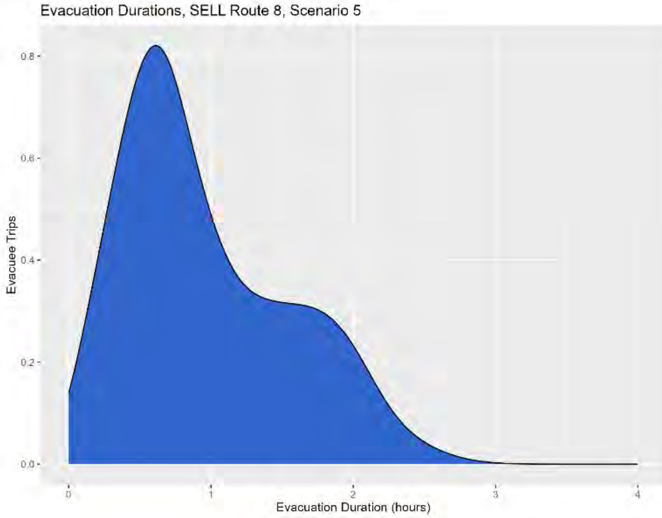
Evacuation Durations, SELL Route 8, Scenario 3



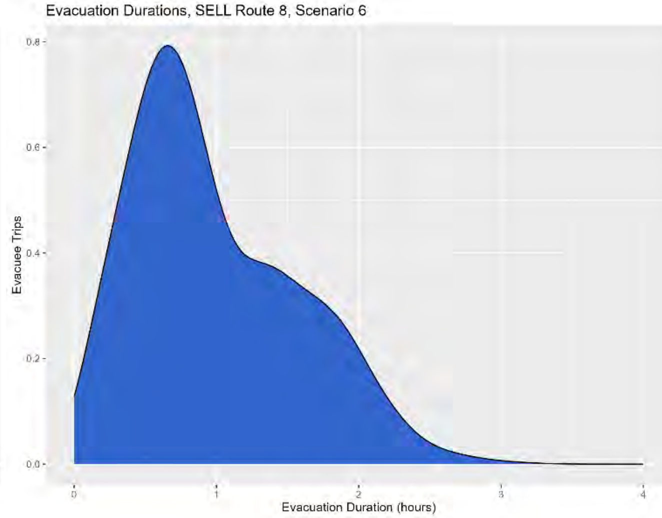
Evacuation Durations, SELL Route 8, Scenario 4

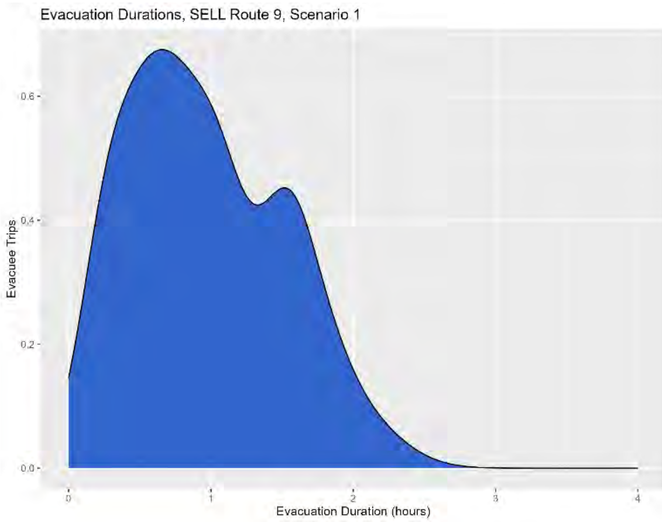


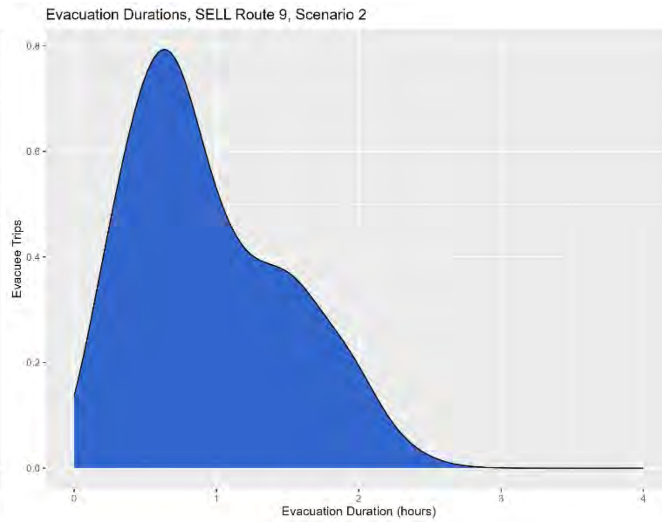
Evacuation Durations, SELL Route 8, Scenario 5

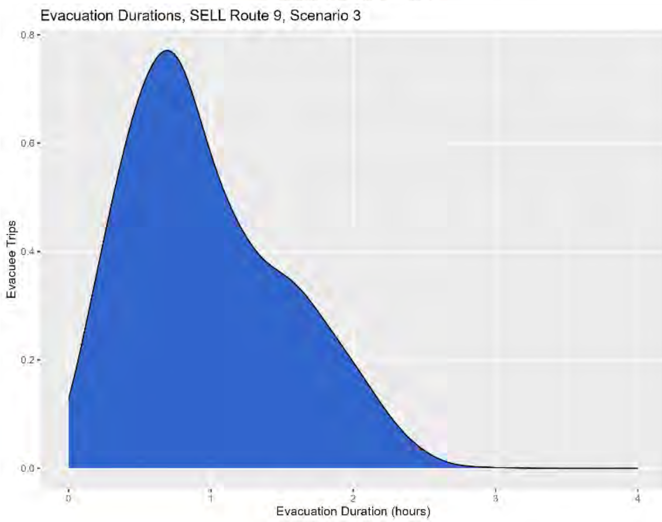


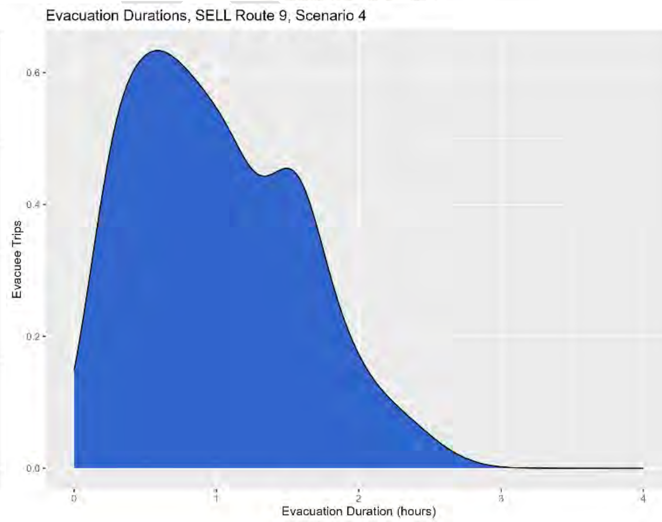
Evacuation Durations, SELL Route 8, Scenario 6

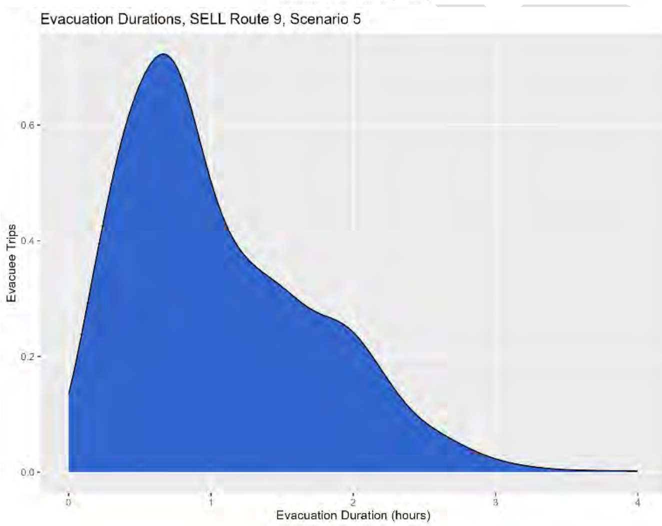


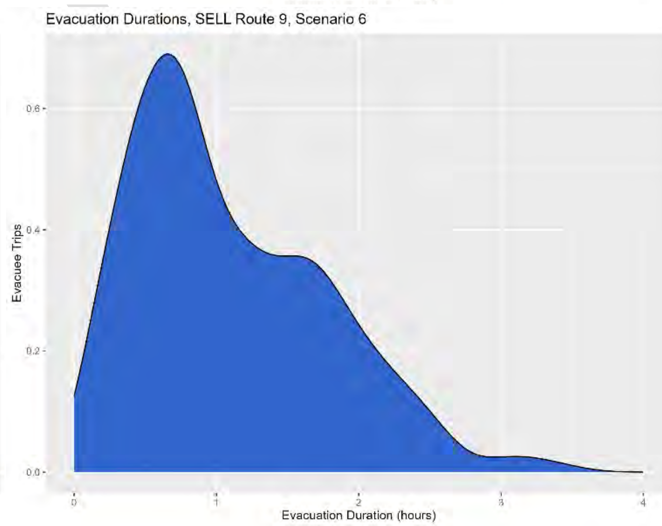

Evacuation Durations, SELL Route 9, Scenario 1
Evacuee Trips
Evacuation Duration (hours)

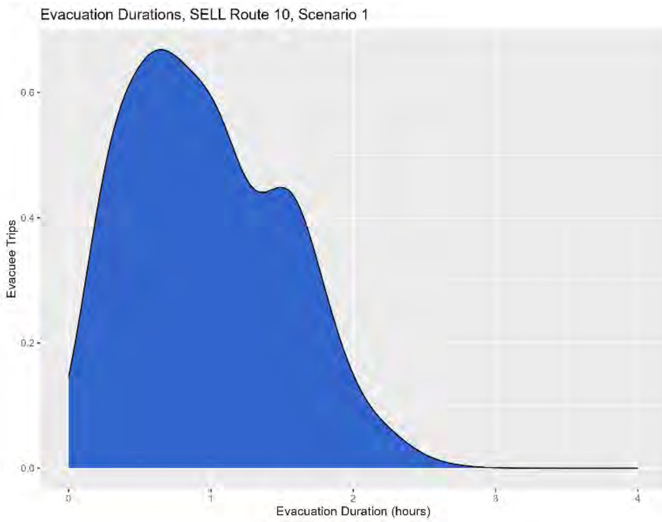

Evacuation Durations, SELL Route 9, Scenario 2
Evacuee Trips
Evacuation Duration (hours)

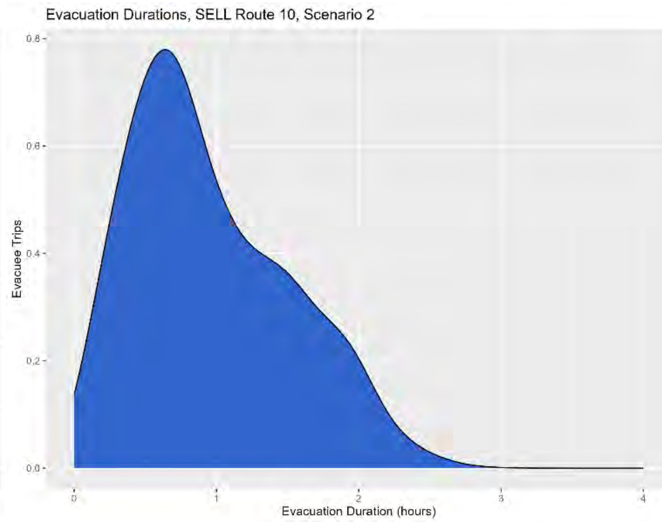

Evacuation Durations, SELL Route 9, Scenario 3
Evacuee Trips
Evacuation Duration (hours)

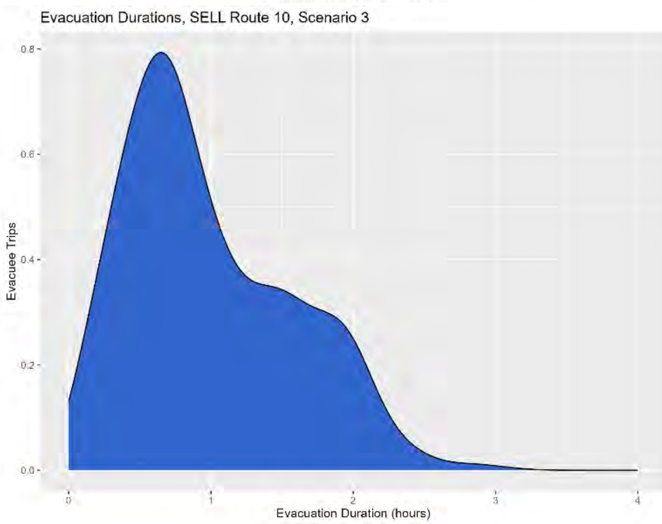

Evacuation Durations, SELL Route 9, Scenario 4
Evacuee Trips
Evacuation Duration (hours)

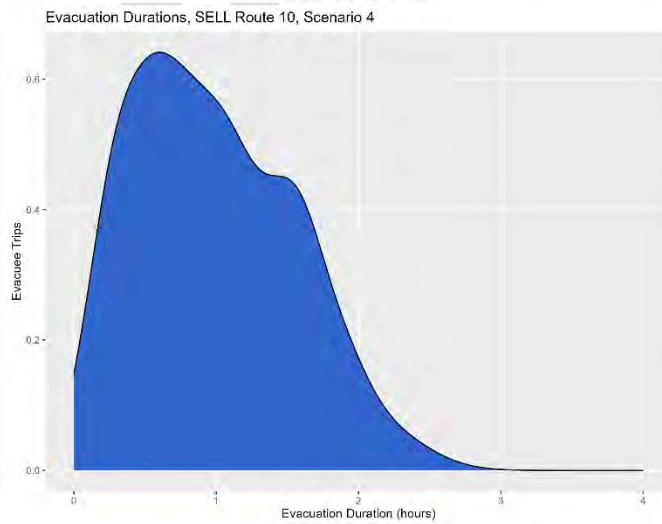

Evacuation Durations, SELL Route 9, Scenario 5
Evacuee Trips
Evacuation Duration (hours)

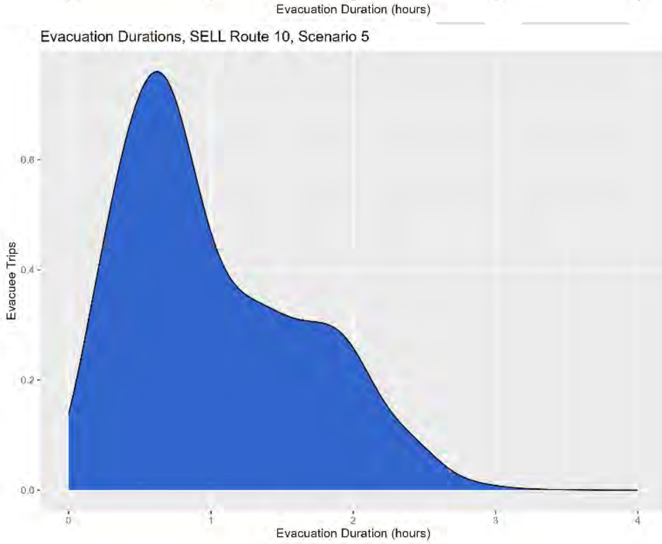

Evacuation Durations, SELL Route 9, Scenario 6
Evacuee Trips
Evacuation Duration (hours)

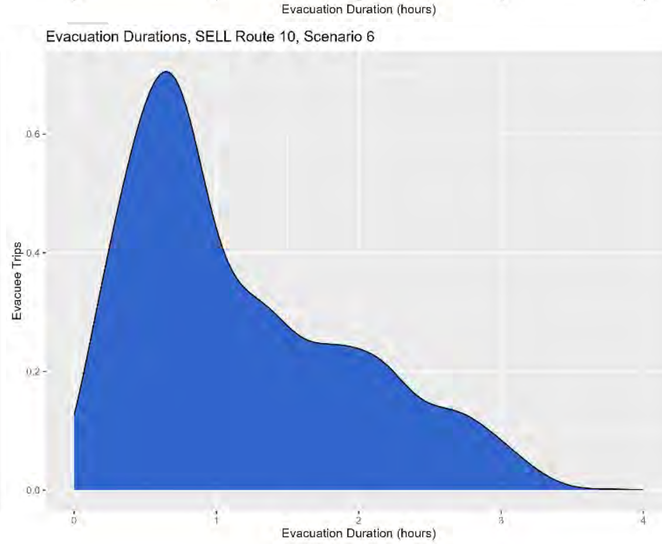

Evacuation Durations, SELL Route 10, Scenario 1
Evacuee Trips
Evacuation Duration (hours)


Evacuation Durations, SELL Route 10, Scenario 2
Evacuee Trips
Evacuation Duration (hours)

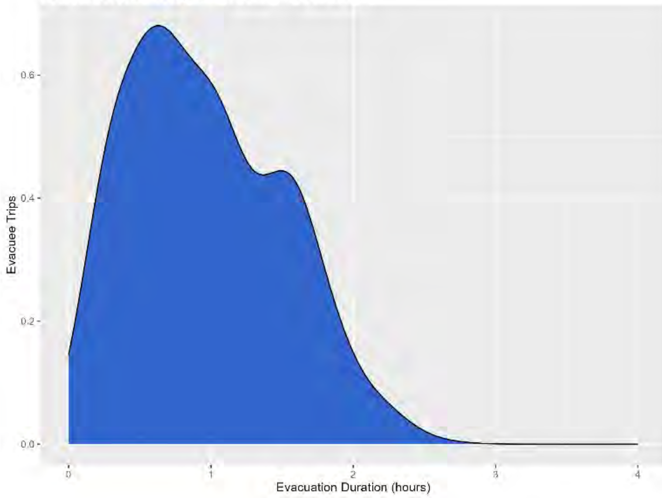

Evacuation Durations, SELL Route 10, Scenario 3
Evacuee Trips
Evacuation Duration (hours)


Evacuation Durations, SELL Route 10, Scenario 4
Evacuee Trips
Evacuation Duration (hours)

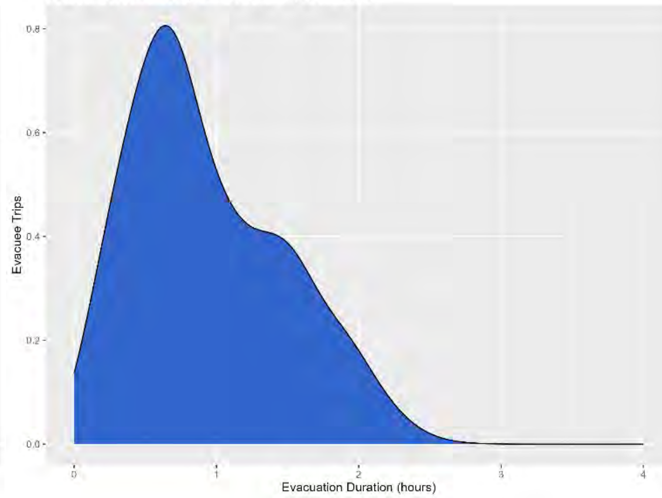

Evacuation Durations, SELL Route 10, Scenario 5
Evacuee Trips
Evacuation Duration (hours)


Evacuation Durations, SELL Route 10, Scenario 6
Evacuee Trips
Evacuation Duration (hours)

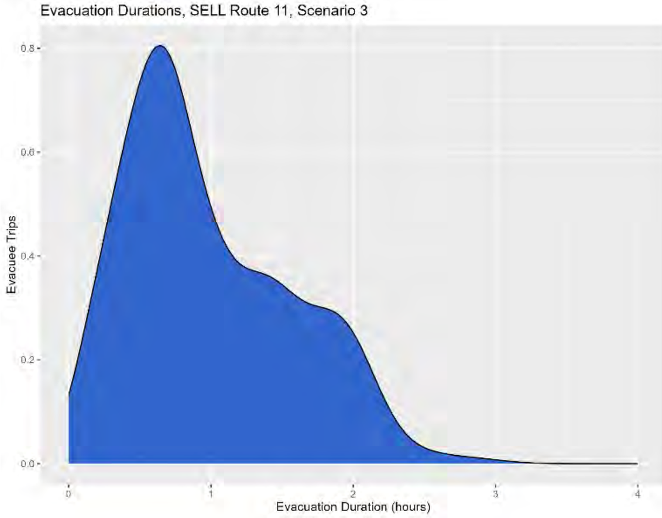
Evacuation Durations, SELL Route 11, Scenario 1



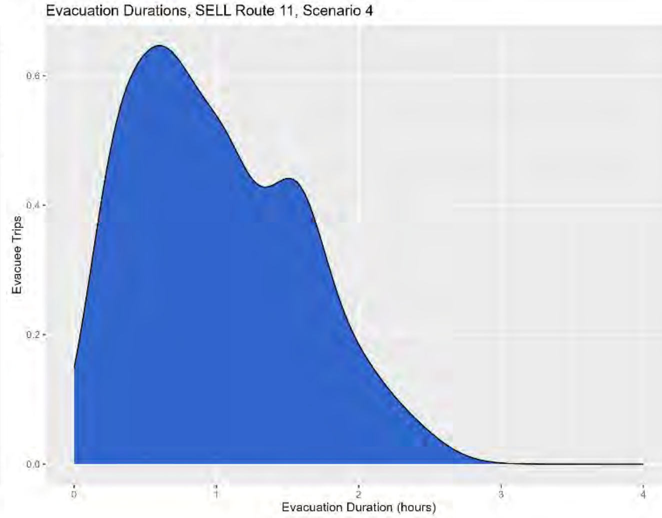
Evacuation Durations, SELL Route 11, Scenario 2



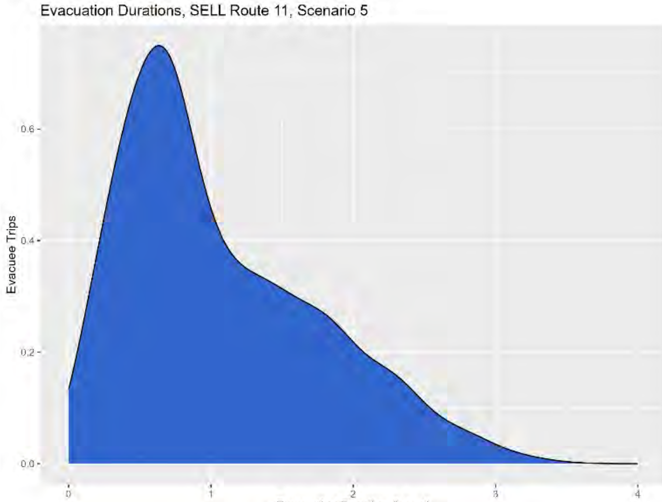
Evacuation Durations, SELL Route 11, Scenario 3



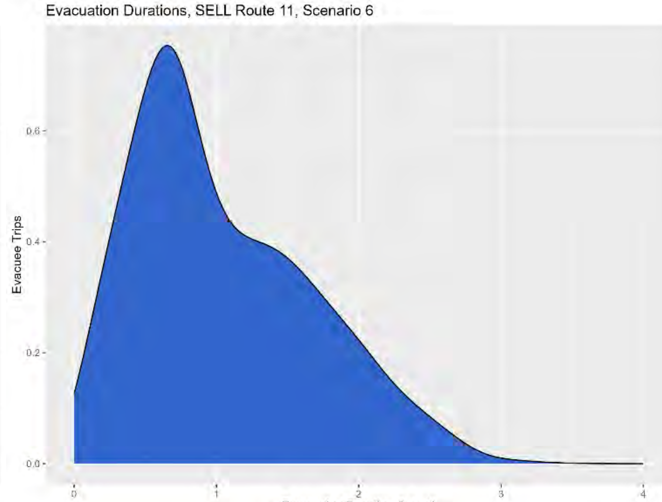
Evacuation Durations, SELL Route 11, Scenario 4



Evacuation Durations, SELL Route 11, Scenario 5



Evacuation Durations, SELL Route 11, Scenario 6



Appendix F - Regional Level Performance Summaries

Appendix F – Regional Level Performance Summaries

Measure	Alternative 1					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	22,947,560	36,256,349	27,196,379	48,503,277	28,084,212	39,890,421
Vehicle Hours Traveled	1,374,457	4,926,674	2,239,909	26,472,072	20,767,511	81,683,123
Vehicle Hours of Delay	803,764	4,047,155	1,578,321	25,305,110	20,103,695	80,702,980
Average Speed (MPH)	16.7	7.4	12.1	1.8	1.4	0.5
Average Trip Length (Miles)	14.0	18.2	11.7	61.6	24.6	27.3
Congested Vehicle Miles	245,056	1,022,077	455,769	355,238	4,092,562	11,136,558
Percent VMT Congested	1.07	2.82	1.68	2.41	14.57	27.92
Congested Vehicle Hours	804,140	4,044,310	1,578,496	1,569,216	20,162,502	80,950,243
Percent VHT Congested	58.5	82.1	70.5	81.8	97.1	99.1
Congested Duration (hrs*ln-mi)	62.4	207.5	212.7	177.9	834.6	2107.8
Percent Time Congested	0%	0%	0%	0%	1%	4%

Measure	Alternative 2					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,631,042	37,339,775	49,778,133	15,207,869	28,440,692	40,564,567
Vehicle Hours Traveled	1,621,851	5,698,345	29,065,127	2,253,258	24,524,310	69,087,036
Vehicle Hours of Delay	1,056,966	4,829,899	27,915,038	1,901,168	23,873,006	68,120,552
Average Speed (MPH)	14.6	6.6	1.7	6.7	1.2	0.6
Average Trip Length (Miles)	14.4	18.7	21.5	19.3	24.9	27.7
Congested Vehicle Miles	491,258	1,326,958	5,217,370	499,645	3,840,917	10,664,335
Percent VMT Congested	2.08	3.55	10.48	3.29	13.51	26.29
Congested Vehicle Hours	1,070,802	4,850,026	28,009,409	1,911,654	23,949,641	68,380,838
Percent VHT Congested	66.0	85.1	96.4	84.8	97.7	99.0
Congested Duration (hrs*ln-mi)	3176.7	3601.9	4682.8	2243.4	3204.2	4705.9
Percent Time Congested	6%	6%	8%	4%	6%	8%

Measure	Alternative 3					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,629,141	37,350,954	49,759,327	15,198,398	28,136,484	39,620,333
Vehicle Hours Traveled	1,867,357	6,904,839	35,648,003	1,685,231	19,779,403	74,198,880
Vehicle Hours of Delay	1,300,458	6,034,440	34,497,561	1,331,888	19,124,962	73,254,440
Average Speed (MPH)	12.7	5.4	1.4	9.0	1.4	0.5
Average Trip Length (Miles)	14.4	18.7	21.5	19.3	24.6	27.1
Congested Vehicle Miles	500,360	1,444,516	4,751,361	513,036	3,376,556	8,636,173
Percent VMT Congested	2.12	3.87	9.55	3.38	12	21.8
Congested Vehicle Hours	1,315,013	6,057,156	34,576,119	1,343,529	19,199,598	73,453,873
Percent VHT Congested	70.4	87.7	97.0	79.7	97.1	99.0
Congested Duration (hrs*ln-mi)	3206.9	3647.8	4626.0	2268.8	3235.0	4499.7
Percent Time Congested	6%	6%	8%	4%	6%	8%

Measure	Alternative 4					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,629,496	37,405,478	49,546,570	15,227,463	28,606,803	39,213,863
Vehicle Hours Traveled	1,208,081	7,112,763	39,856,502	2,039,990	23,552,422	90,211,044
Vehicle Hours of Delay	642,750	6,243,645	38,709,378	1,686,613	22,894,469	89,273,223
Average Speed (MPH)	19.6	5.3	1.2	7.5	1.2	0.4
Average Trip Length (Miles)	14.4	18.7	21.4	19.4	25.1	26.8
Congested Vehicle Miles	553,896	1,590,519	4,805,566	534,850	3,776,324	8,074,212
Percent VMT Congested	2.34	4.25	9.7	3.51	13.2	20.59
Congested Vehicle Hours	657,735	6,270,999	38,804,609	1,699,054	22,976,609	89,476,138
Percent VHT Congested	54.4	88.2	97.4	83.3	97.6	99.2
Congested Duration (hrs*ln-mi)	3194.8	3672.2	4381.8	2270.7	3284.0	4294.2
Percent Time Congested	6%	6%	8%	4%	6%	8%

Measure	Alternative 5					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,554,541	37,303,174	49,996,933	15,128,645	28,542,558	40,850,614
Vehicle Hours Traveled	1,309,001	6,284,654	39,032,536	1,813,216	28,950,609	83,353,199
Vehicle Hours of Delay	738,706	5,404,816	37,869,411	1,457,047	28,290,357	82,372,720
Average Speed (MPH)	18.0	5.9	1.3	8.3	1.0	0.5
Average Trip Length (Miles)	14.4	18.7	21.6	19.2	25.0	27.9
Congested Vehicle Miles	506,358	1,875,038	5,976,546	515,606	4,564,990	11,708,717
Percent VMT Congested	2.15	5.03	11.95	3.41	15.99	28.66
Congested Vehicle Hours	751,626	5,430,065	37,975,964	1,469,080	28,386,424	82,648,204
Percent VHT Congested	57.4	86.4	97.3	81.0	98.1	99.2
Congested Duration (hrs*ln-mi)	3213.5	3723.1	4598.8	2285.2	3392.5	4763.7
Percent Time Congested	6%	7%	8%	4%	6%	8%

Measure	Alternative 6					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,620,600	37,356,769	50,210,558	15,143,129	28,778,351	40,153,859
Vehicle Hours Traveled	2,505,090	5,439,801	27,570,295	1,723,616	26,553,623	91,387,537
Vehicle Hours of Delay	1,934,536	4,562,015	26,396,075	1,368,807	25,892,405	90,426,236
Average Speed (MPH)	9.4	6.9	1.8	8.8	1.1	0.4
Average Trip Length (Miles)	14.4	18.7	21.7	19.2	25.2	27.4
Congested Vehicle Miles	555,369	2,080,612	6,126,505	550,735	4,317,116	10,139,423
Percent VMT Congested	2.35	5.57	12.2	3.64	15	25.25
Congested Vehicle Hours	1,948,823	4,598,930	26,505,127	1,380,075	25,975,228	90,659,942
Percent VHT Congested	77.8	84.5	96.1	80.1	97.8	99.2
Congested Duration (hrs*ln-mi)	3212.0	3694.6	4585.0	2296.5	3301.9	4544.6
Percent Time Congested	6%	6%	8%	4%	6%	8%

Measure	Alternative 7					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,646,371	37,402,392	50,392,058	15,200,826	28,758,703	39,468,316
Vehicle Hours Traveled	2,175,006	6,714,960	22,430,559	1,881,883	33,119,662	87,821,172
Vehicle Hours of Delay	1,608,009	5,843,872	21,265,607	1,528,132	32,462,900	86,878,764
Average Speed (MPH)	10.9	5.6	2.2	8.1	0.9	0.4
Average Trip Length (Miles)	14.4	18.7	21.8	19.3	25.2	27.0
Congested Vehicle Miles	507,146	1,588,161	5,668,793	465,977	4,211,283	8,783,641
Percent VMT Congested	2.14	4.25	11.25	3.07	14.64	22.25
Congested Vehicle Hours	1,622,646	5,867,457	21,355,672	1,539,075	32,551,647	87,099,114
Percent VHT Congested	74.6	87.4	95.2	81.8	98.3	99.2
Congested Duration (hrs*ln-mi)	3207.4	3664.6	4557.6	2253.7	3266.2	4841.5
Percent Time Congested	6%	6%	8%	4%	6%	9%

Measure	Alternative 8					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,664,993	37,383,561	49,806,361	15,209,497	28,879,694	40,235,297
Vehicle Hours Traveled	1,421,559	8,365,331	29,240,382	1,720,587	23,355,615	80,422,391
Vehicle Hours of Delay	855,516	7,497,285	28,094,374	1,367,742	22,692,171	79,482,168
Average Speed (MPH)	16.6	4.5	1.7	8.8	1.2	0.5
Average Trip Length (Miles)	14.4	18.7	21.5	19.3	25.3	27.5
Congested Vehicle Miles	505,682	1,796,123	4,716,100	580,605	3,737,693	9,604,782
Percent VMT Congested	2.14	4.8	9.47	3.82	12.94	23.87
Congested Vehicle Hours	869,844	7,528,091	28,168,333	1,381,370	22,760,876	79,696,304
Percent VHT Congested	61.2	90.0	96.3	80.3	97.5	99.1
Congested Duration (hrs*ln-mi)	3193.8	3579.3	4470.2	2283.1	3144.0	4541.3
Percent Time Congested	6%	6%	8%	4%	6%	8%

Measure	Alternative 9					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,727,454	37,583,851	50,630,892	15,258,700	29,261,681	40,521,586
Vehicle Hours Traveled	2,138,381	5,071,163	34,675,047	1,849,418	28,778,614	82,533,176
Vehicle Hours of Delay	1,548,739	4,158,987	33,459,249	1,479,798	28,083,537	81,550,101
Average Speed (MPH)	11.1	7.4	1.5	8.3	1.0	0.5
Average Trip Length (Miles)	14.5	18.8	21.9	19.4	25.6	27.7
Congested Vehicle Miles	609,256	1,580,964	5,742,940	516,007	4,766,276	10,263,450
Percent VMT Congested	2.57	4.21	11.34	3.38	16.29	25.33
Congested Vehicle Hours	1,565,469	4,180,827	33,556,810	1,491,973	28,170,259	81,772,440
Percent VHT Congested	73.2	82.4	96.8	80.7	97.9	99.1
Congested Duration (hrs*ln-mi)	3205.6	3599.0	4397.6	2254.0	3310.7	4673.2
Percent Time Congested	6%	6%	8%	4%	6%	8%

Measure	Alternative 10					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,743,767	37,677,698	50,650,078	15,225,011	29,732,322	40,497,347
Vehicle Hours Traveled	1,642,284	7,277,588	23,349,845	1,313,440	19,875,411	85,801,119
Vehicle Hours of Delay	1,053,219	6,363,565	22,134,207	945,331	19,170,677	84,812,089
Average Speed (MPH)	14.5	5.2	2.2	11.6	1.5	0.5
Average Trip Length (Miles)	14.5	18.9	21.9	19.4	26.0	27.7
Congested Vehicle Miles	563,923	1,536,712	6,151,419	553,564	5,246,863	10,273,924
Percent VMT Congested	2.38	4.08	12.14	3.64	17.65	25.37
Congested Vehicle Hours	1,069,849	6,381,550	22,236,149	957,581	19,257,315	85,042,676
Percent VHT Congested	65.1	87.7	95.2	72.9	96.9	99.1
Congested Duration (hrs*ln-mi)	3205.5	3593.8	4623.3	2256.4	3251.0	4769.3
Percent Time Congested	6%	6%	8%	4%	6%	8%

Measure	Alternative 11					
REGION LEVEL	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
Number of Trips	1,640,311	1,995,713	2,316,425	786,801	1,141,972	1,463,649
Vehicle Miles Traveled	23,712,330	37,514,646	51,148,633	15,259,254	29,022,733	40,778,596
Vehicle Hours Traveled	2,020,906	4,678,607	26,796,919	2,042,554	30,783,104	72,608,650
Vehicle Hours of Delay	1,431,666	3,767,167	25,570,087	1,673,594	30,090,526	71,626,311
Average Speed (MPH)	11.7	8.0	1.9	7.5	0.9	0.6
Average Trip Length (Miles)	14.5	18.8	22.1	19.4	25.4	27.9
Congested Vehicle Miles	536,700	1,581,287	6,551,166	476,533	4,681,386	10,416,860
Percent VMT Congested	2.26	4.22	12.81	3.12	16.13	25.54
Congested Vehicle Hours	1,446,485	3,790,466	25,669,059	1,683,342	30,181,674	71,842,863
Percent VHT Congested	71.6	81.0	95.8	82.4	98.1	99.0
Congested Duration (hrs*ln-mi)	3191.2	3526.1	4531.7	2248.4	3330.6	4716.7
Percent Time Congested	6%	6%	8%	4%	6%	8%

Appendix G – Volume Comparison Maps for Scenario 6

Appendix G – Volume Comparison Maps for Scenario 6

Figure 1- Volume Comparison of SELL ROUTE 1 with NoBuild Network

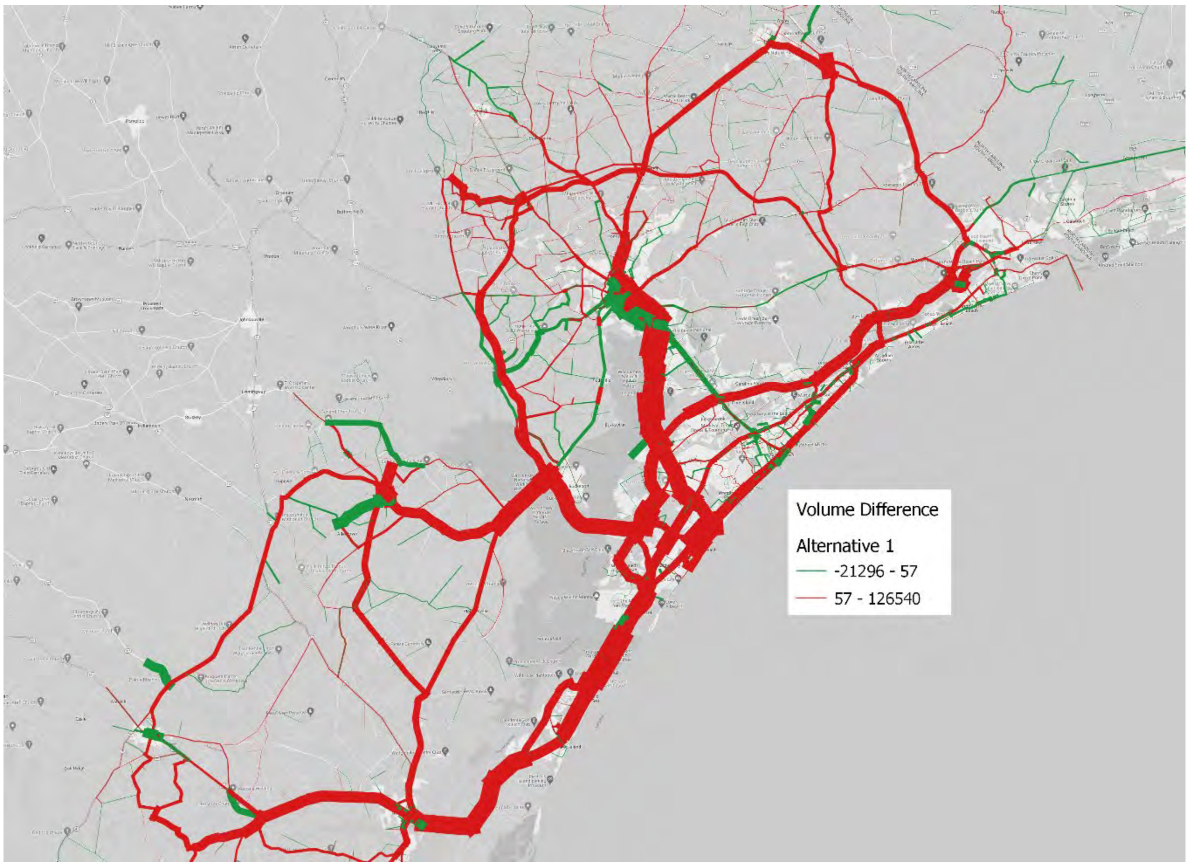


Figure 2- Volume Comparison of SELL ROUTE 2 with NoBuild Network

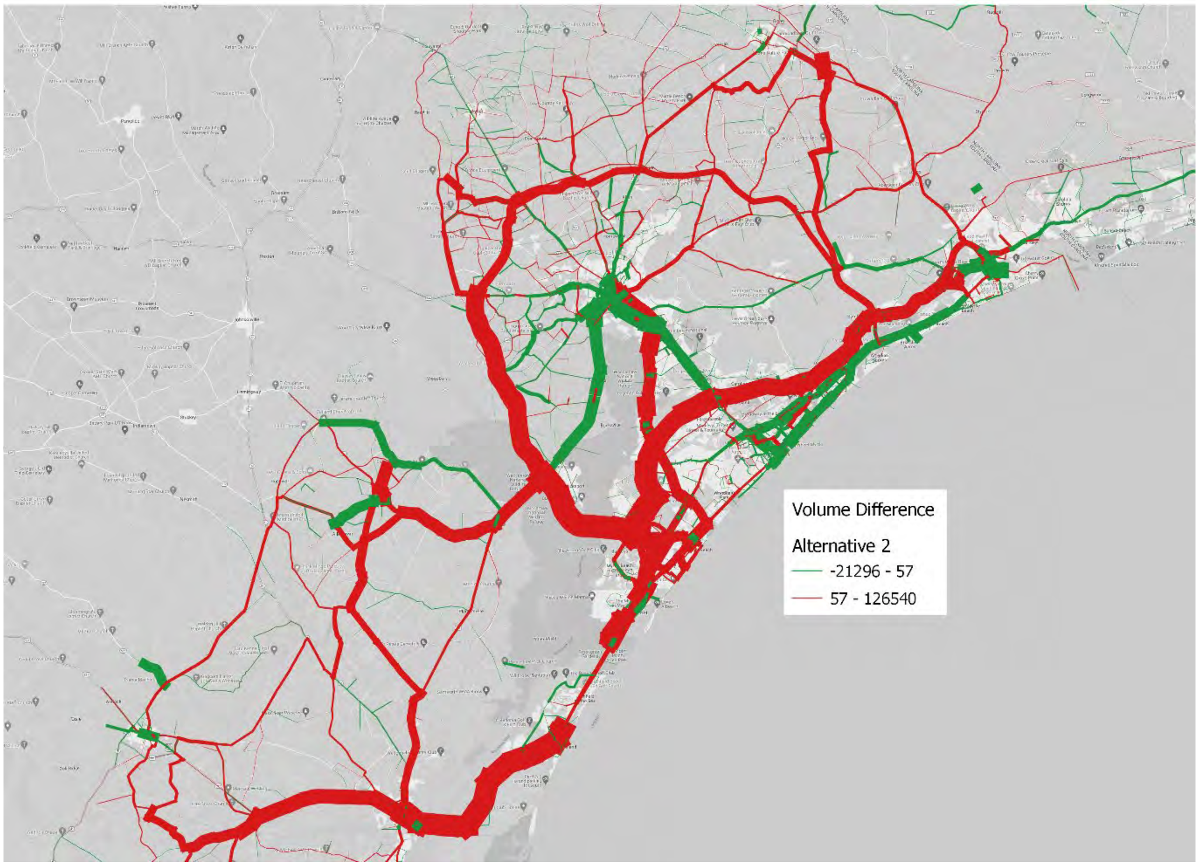


Figure 3- Volume Comparison of SELL ROUTE 3 with NoBuild Network

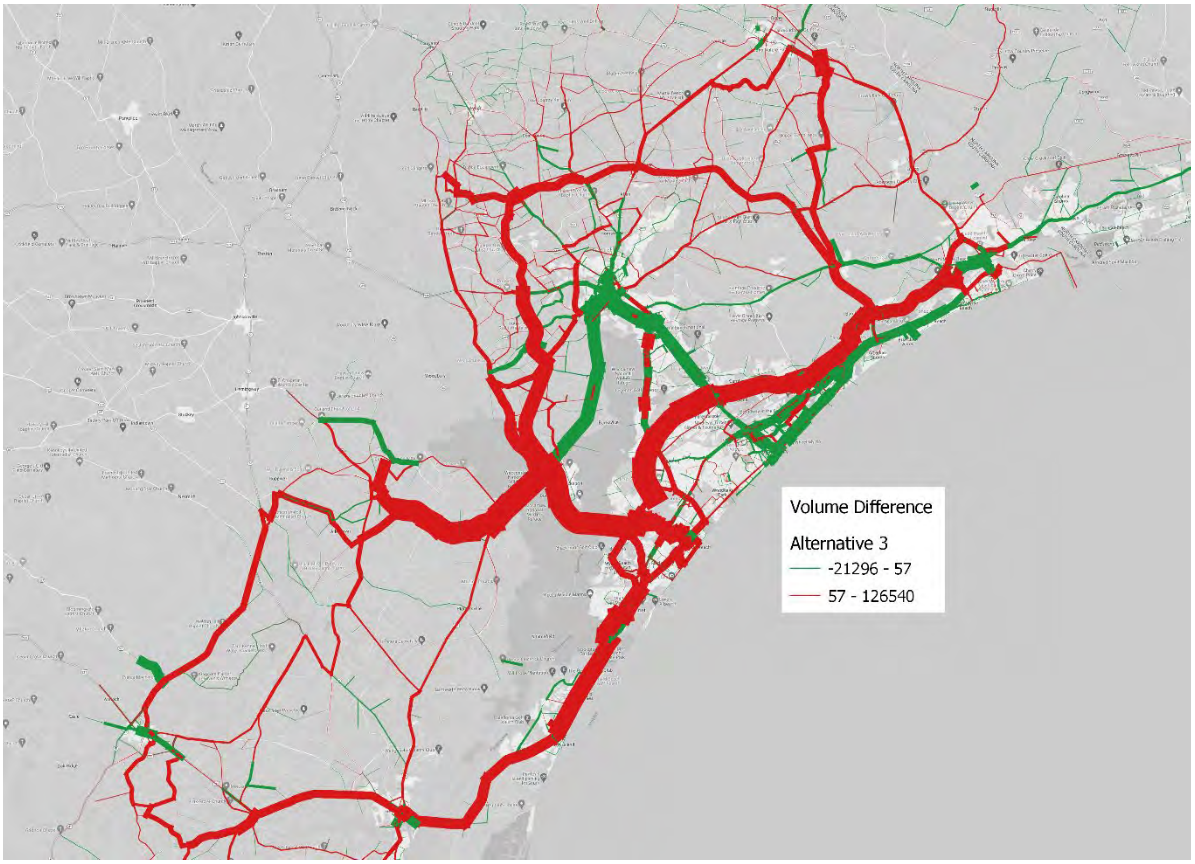


Figure 4- Volume Comparison of SELL ROUTE 4 with NoBuild Network

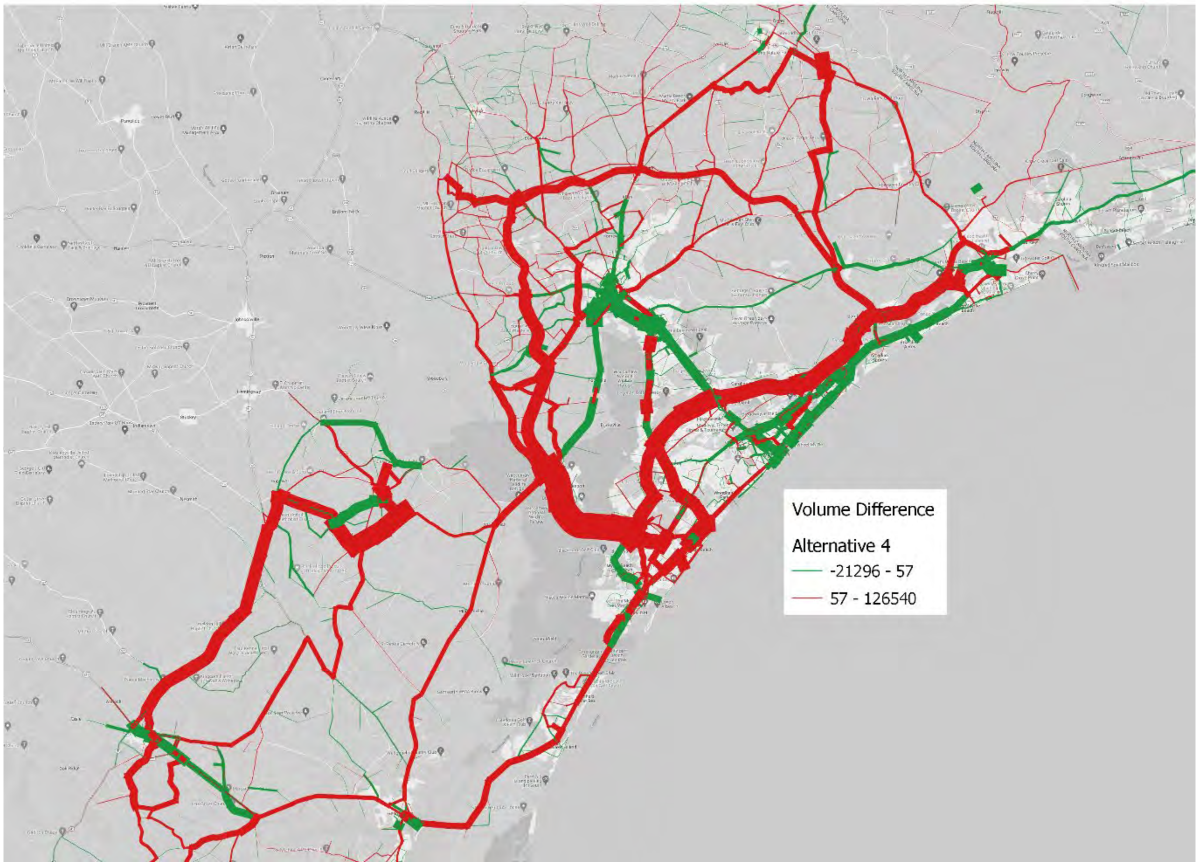


Figure 5- Volume Comparison of SELL ROUTE 5 with NoBuild Network

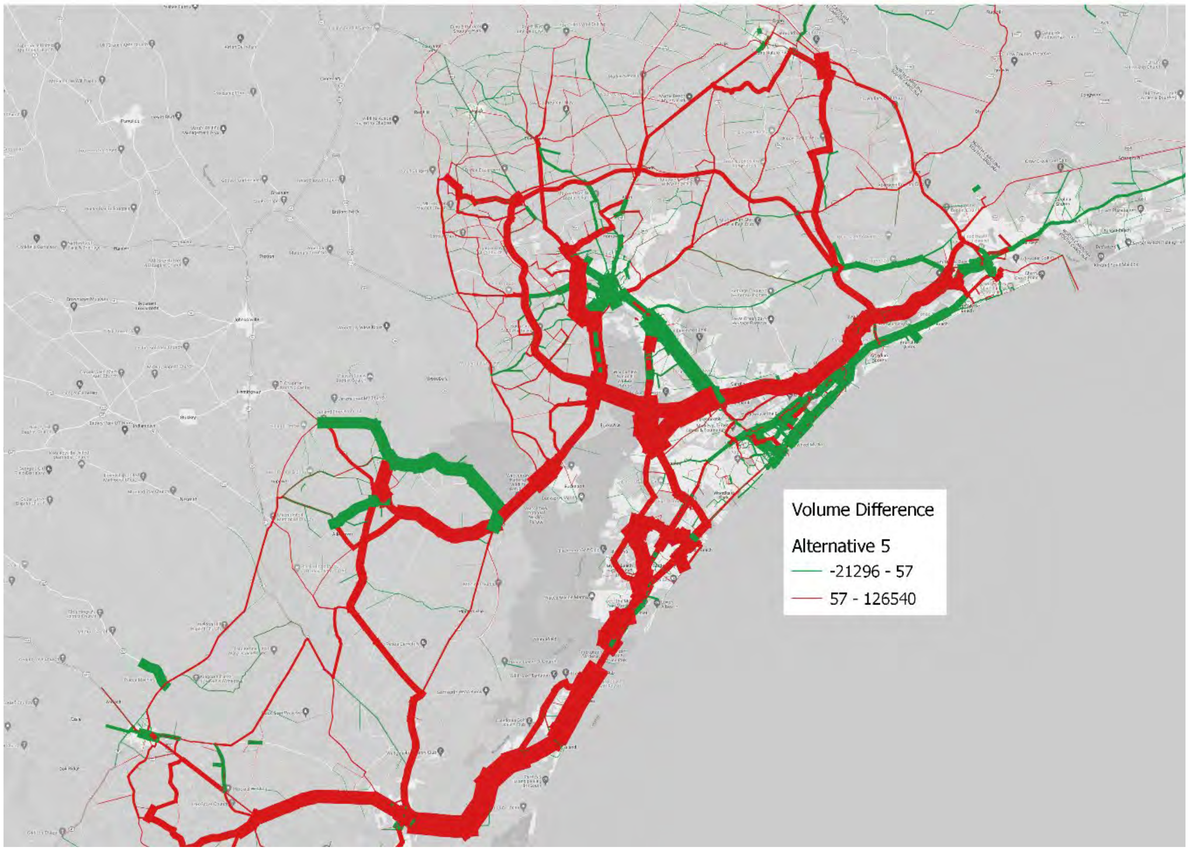


Figure 6- Volume Comparison of SELL ROUTE 6 with NoBuild Network

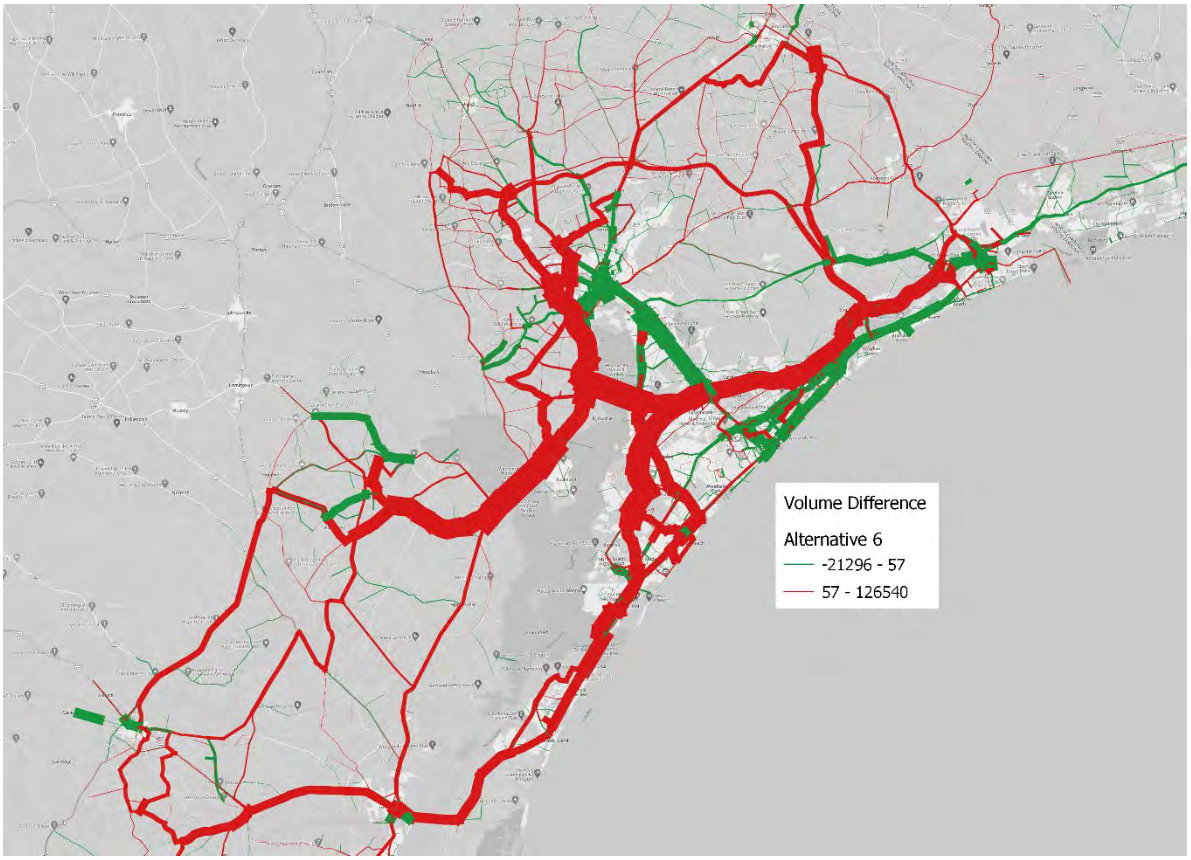


Figure 7- Volume Comparison of SELL ROUTE 7 with NoBuild Network

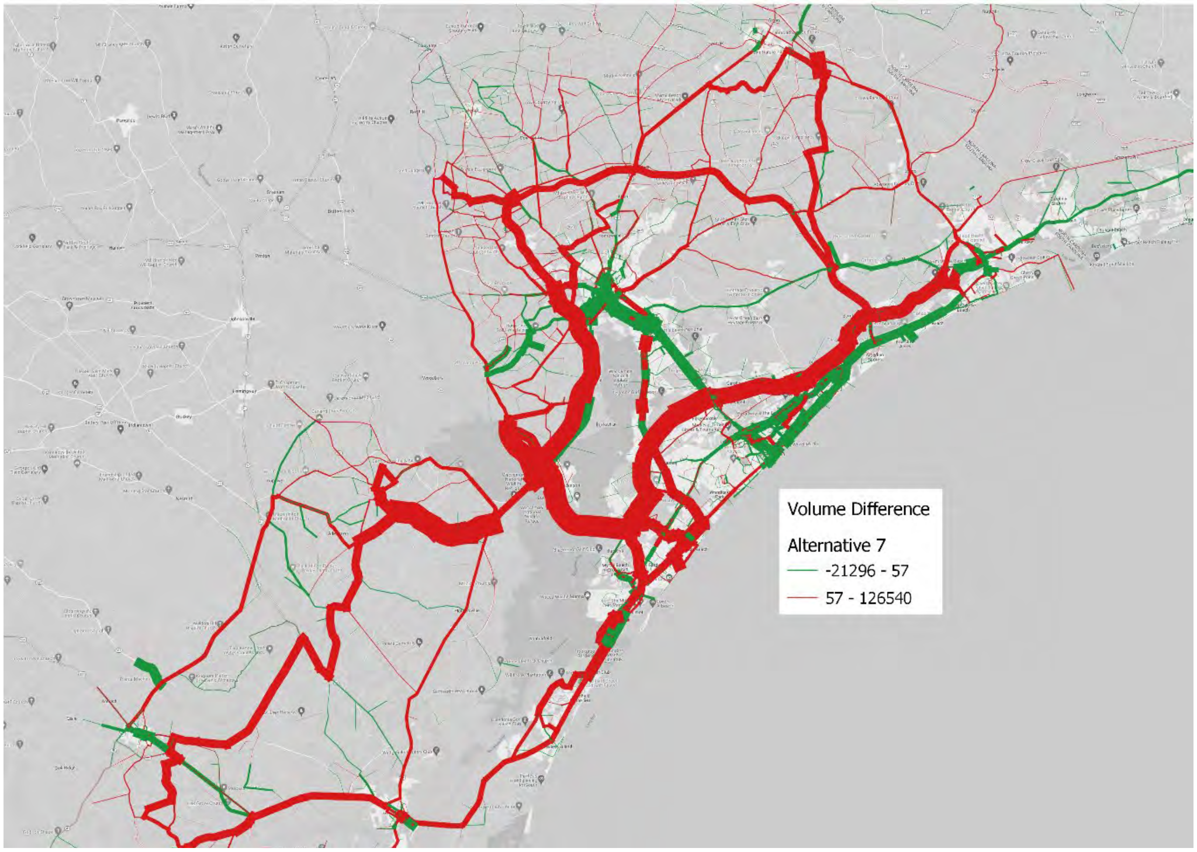


Figure 8- Volume Comparison of SELL ROUTE 8 with NoBuild Network

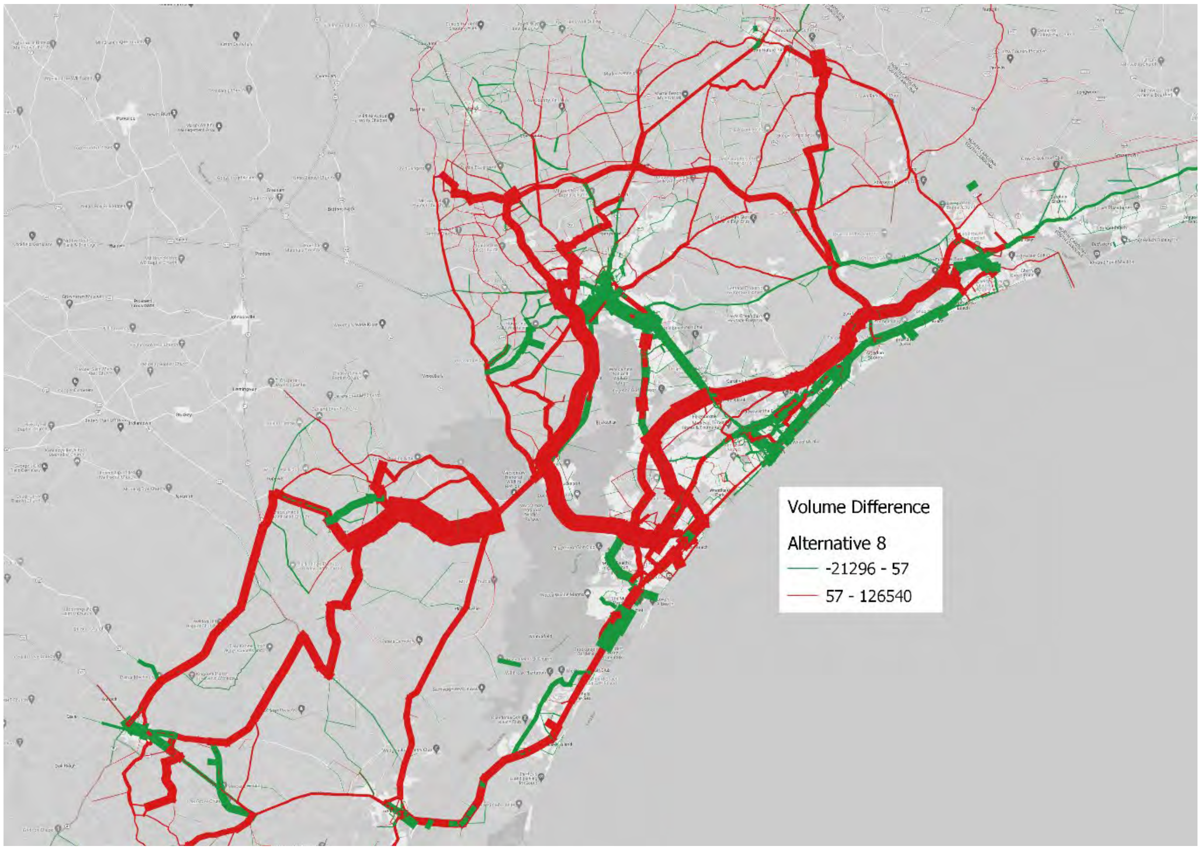


Figure 9- Volume Comparison of SELL ROUTE 9 with NoBuild Network

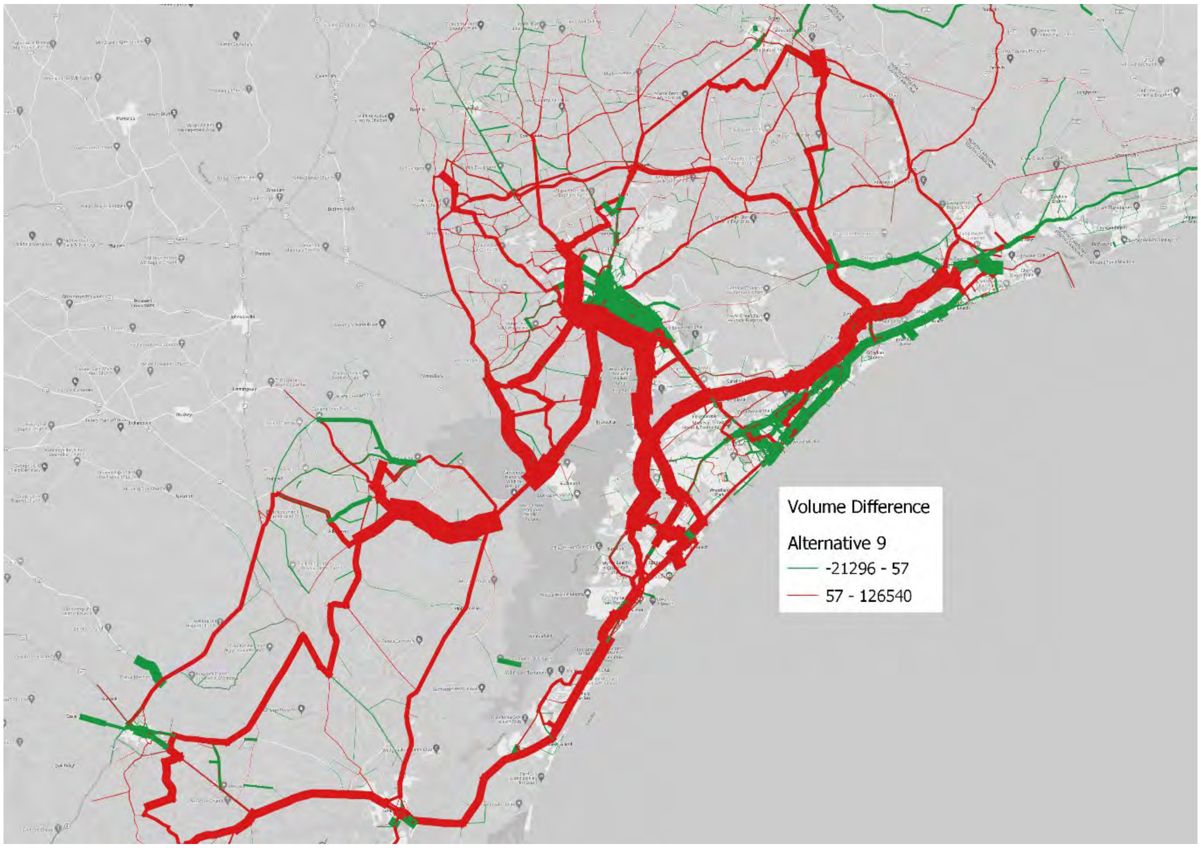


Figure 10- Volume Comparison of SELL ROUTE 10 with NoBuild Network

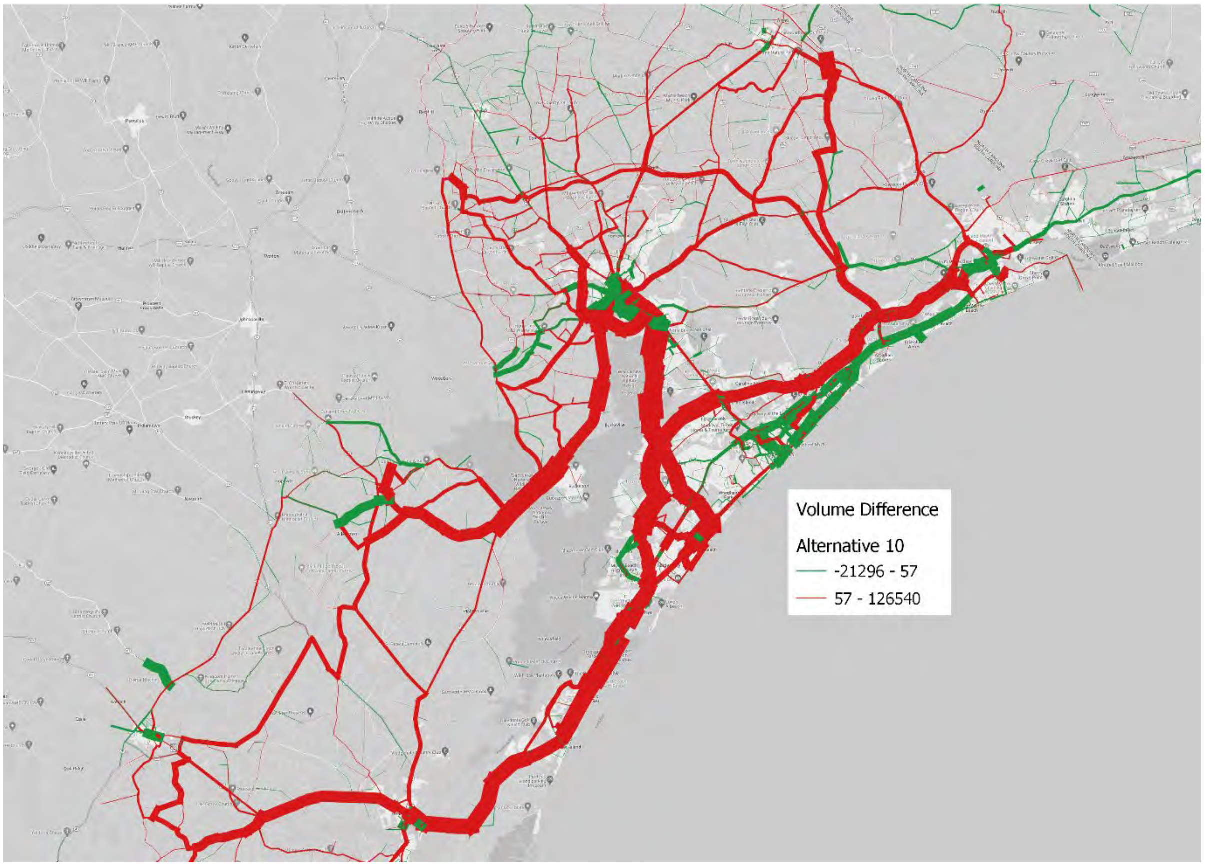
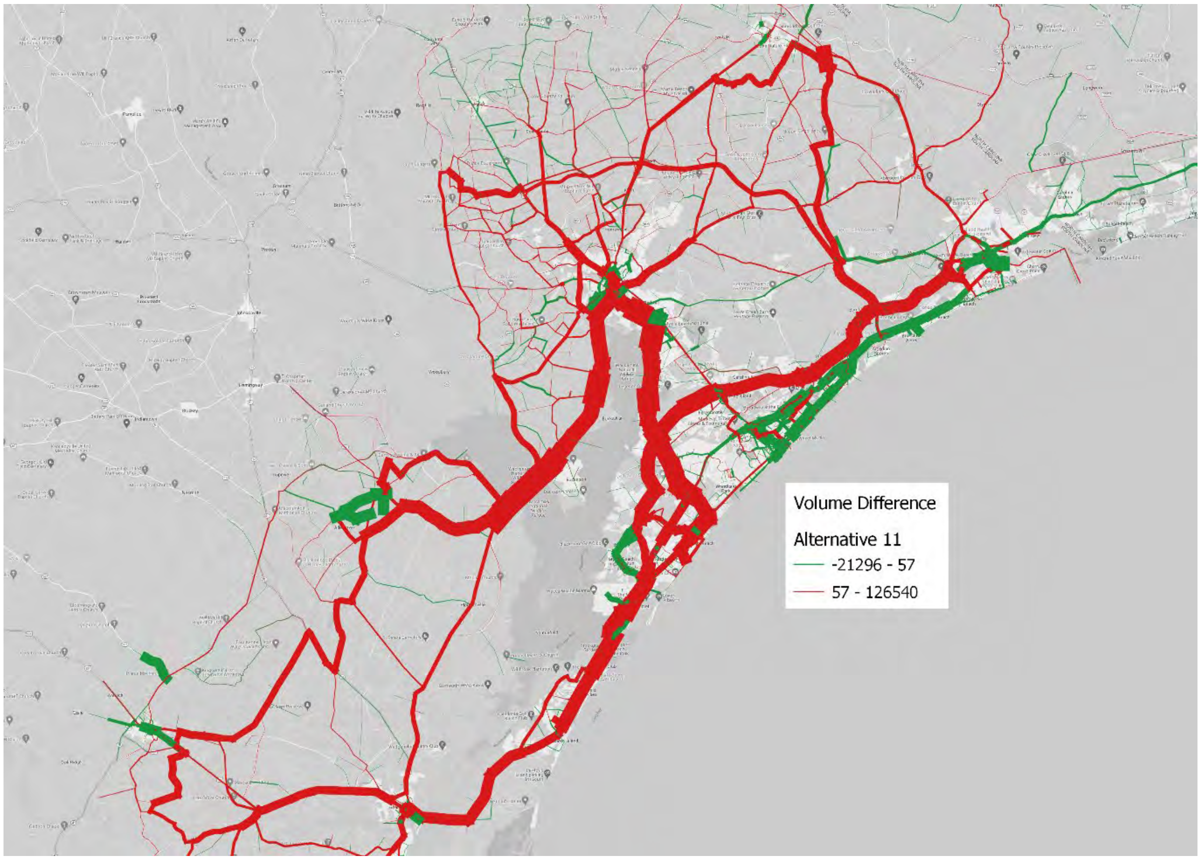
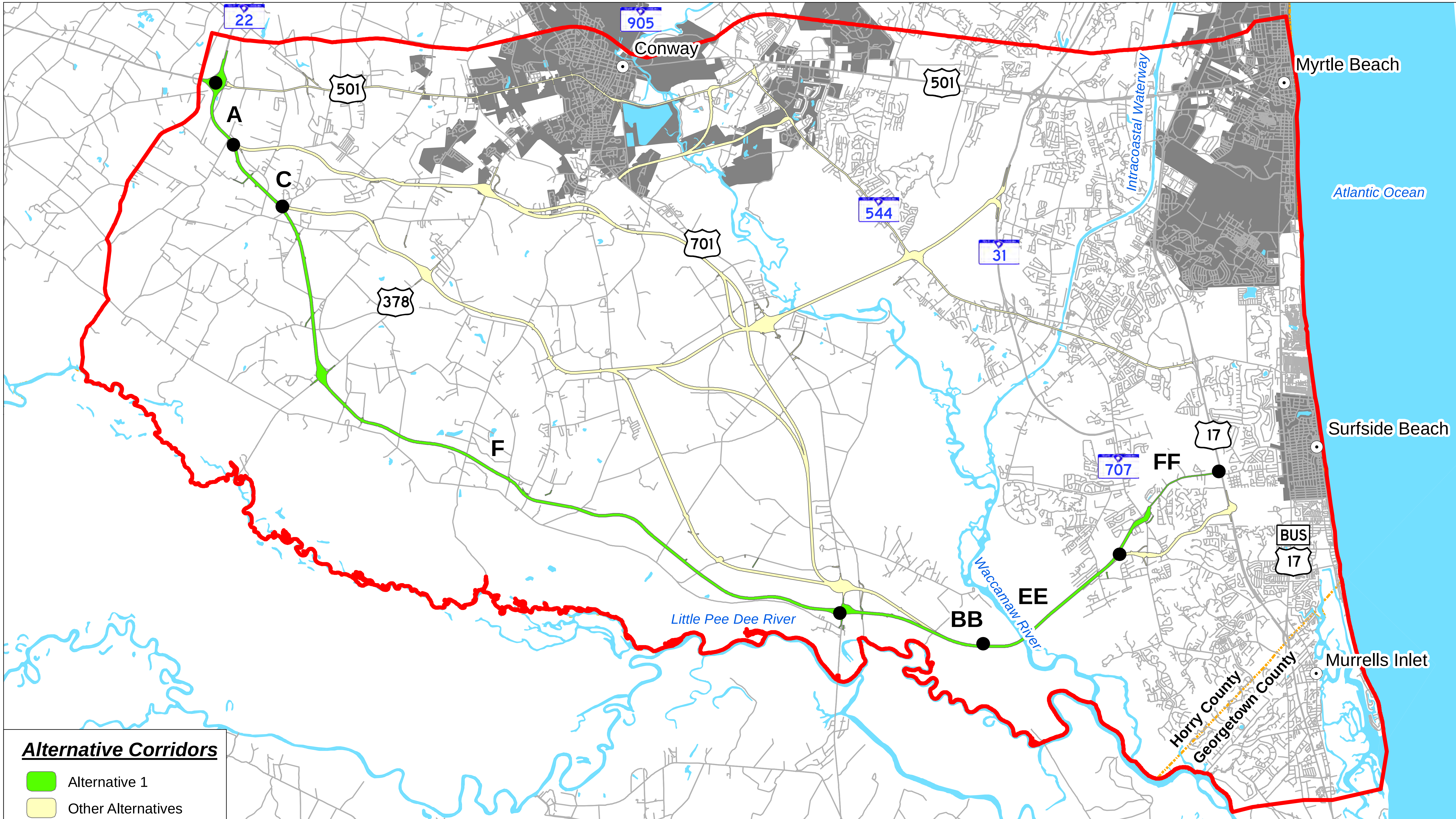


Figure 11- Volume Comparison of SELL ROUTE 11 with NoBuild Network



APPENDIX D

Alternatives



SCDOT RIDE3 Horry County

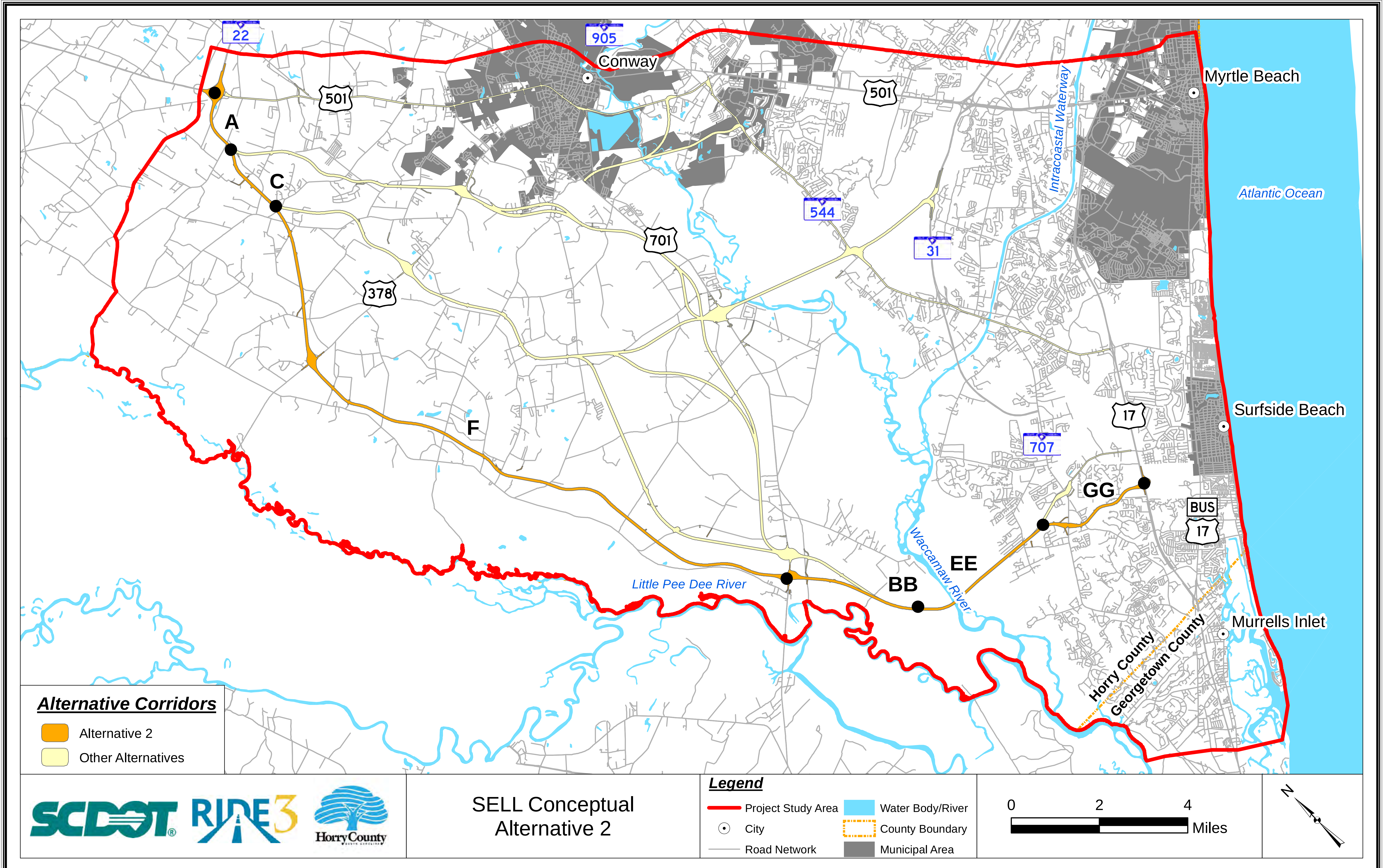
SELL Conceptual
Alternative 1

Legend

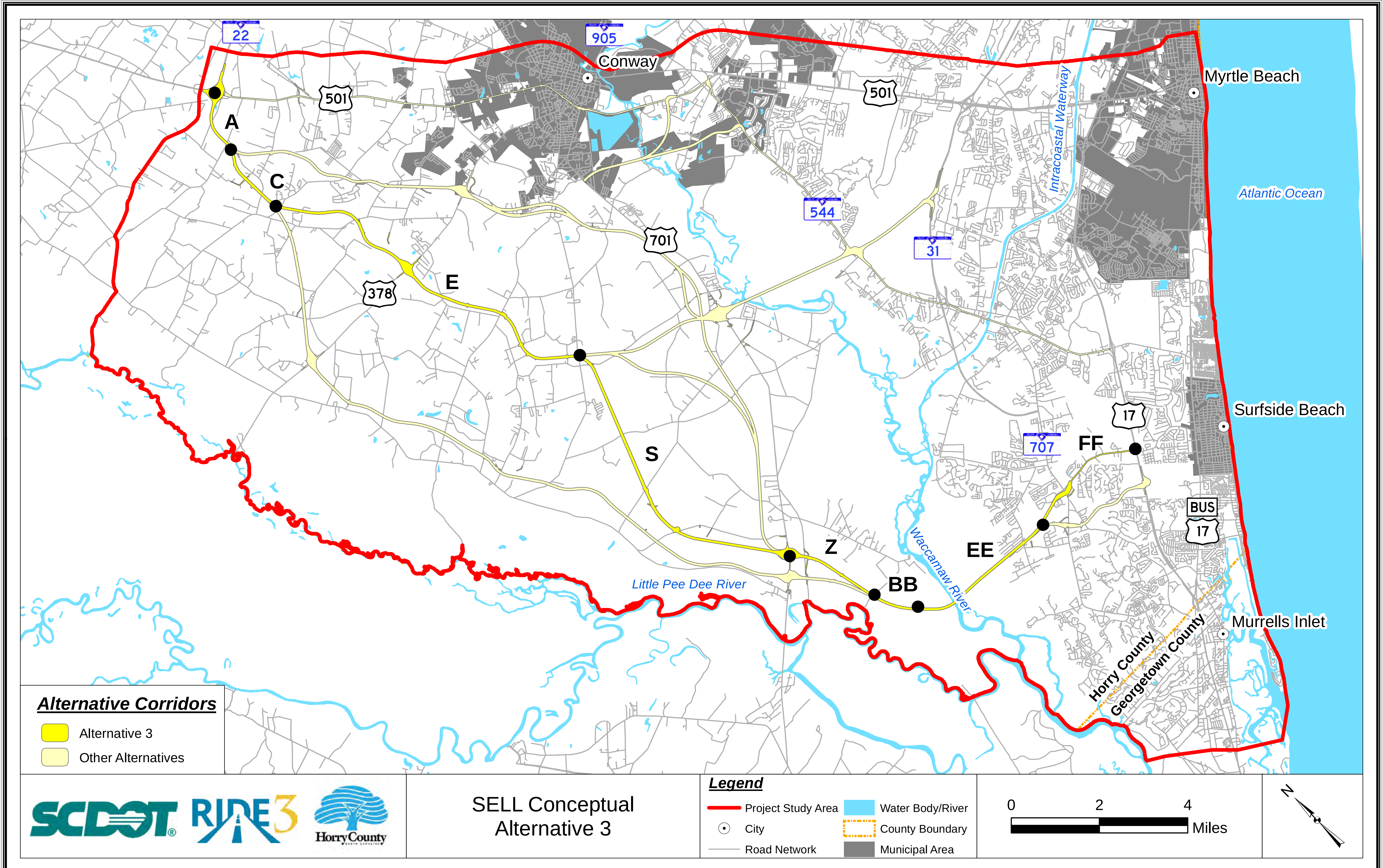
Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area

0 2 4 Miles

N



22
905
Conway
501
501
Myrtle Beach
Intracoastal Waterway
Atlantic Ocean
A
C
544
31
701
378
F
17
Surfside Beach
707
GG
BUS
17
EE
Waccamaw River
BB
Little Pee Dee River
Murrells Inlet
Horry County
Georgetown County
Alternative Corridors
Alternative 2
Other Alternatives
SELL Conceptual
Alternative 2
Legend
Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area
0
2
4
Miles
N


Conway
Myrtle Beach
Surfside Beach
Murrells Inlet
Atlantic Ocean
Intracoastal Waterway
Waccamaw River
Little Pee Dee River
Horry County
Georgetown County
22
905
501
501
544
31
701
378
17
707
BUS
17
A
C
E
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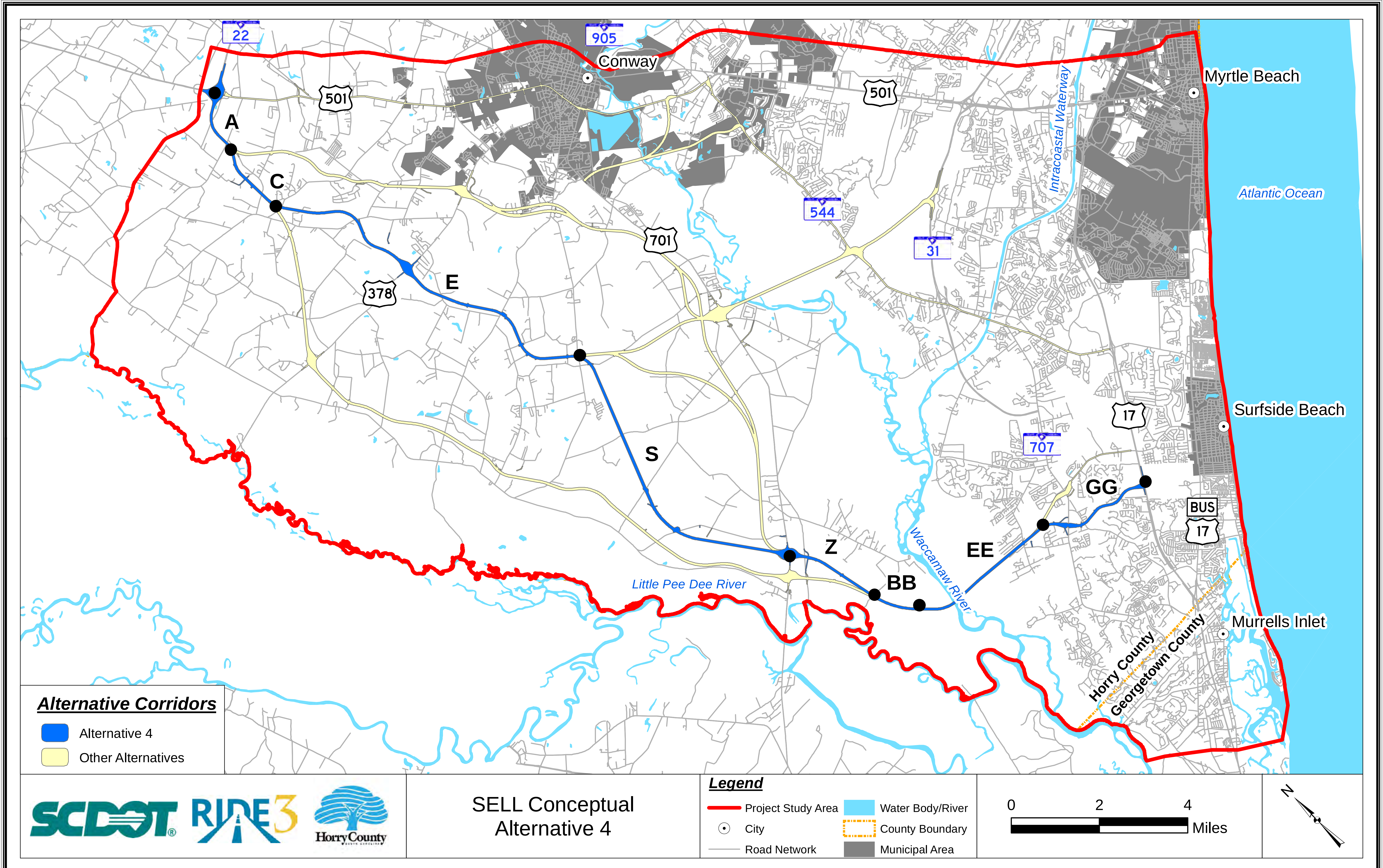
Z
BB
EE
FF
Alternative Corridors
Alternative 3
Other Alternatives
SELL Conceptual
Alternative 3
Legend
Project Study Area
City
Road Network
Water Body/River
County Boundary
Municipal Area
0
2
4
Miles
N



22
905
Conway
501
501
Myrtle Beach
Intracoastal Waterway
Atlantic Ocean
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Alternative Corridors
Alternative 4
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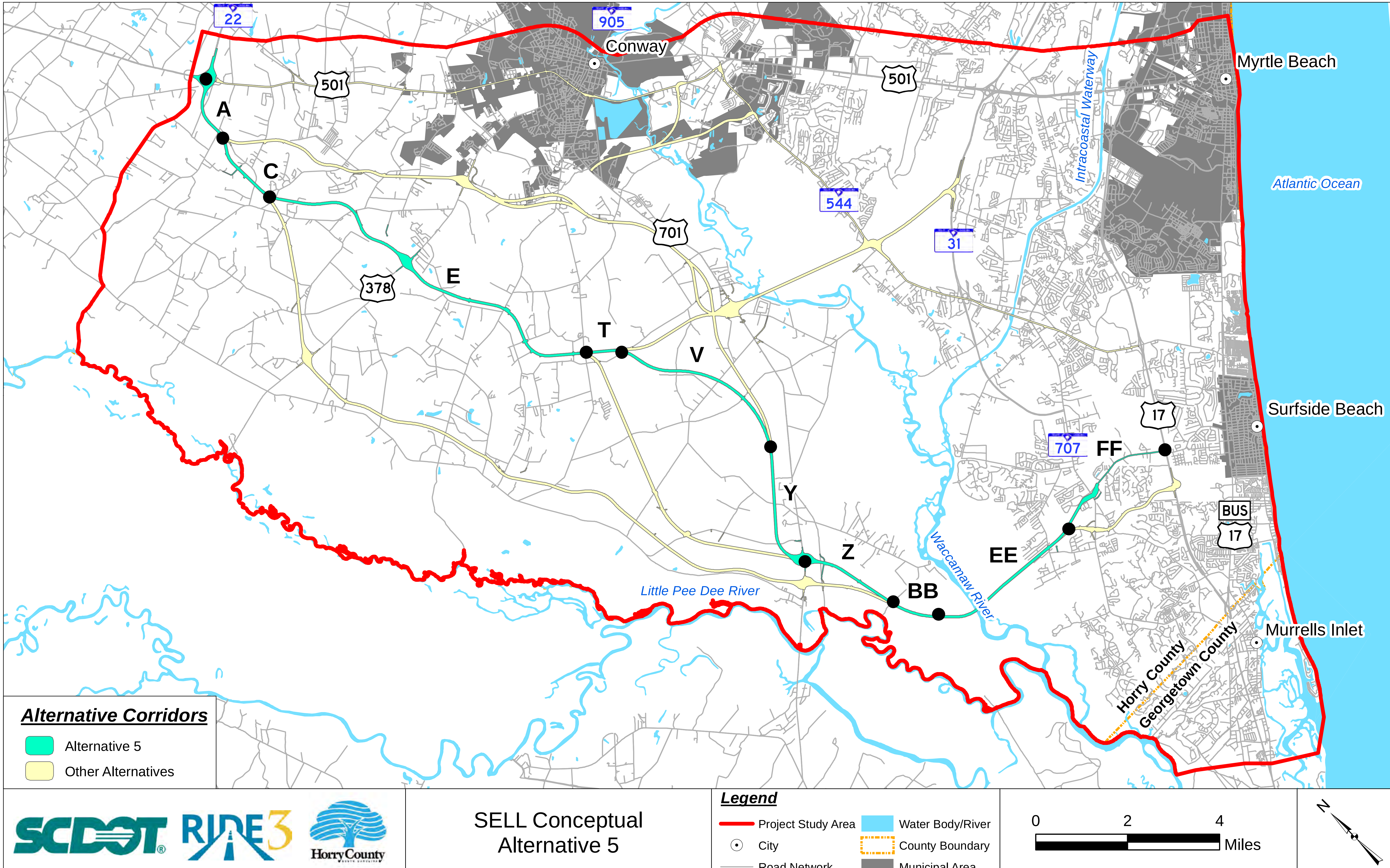

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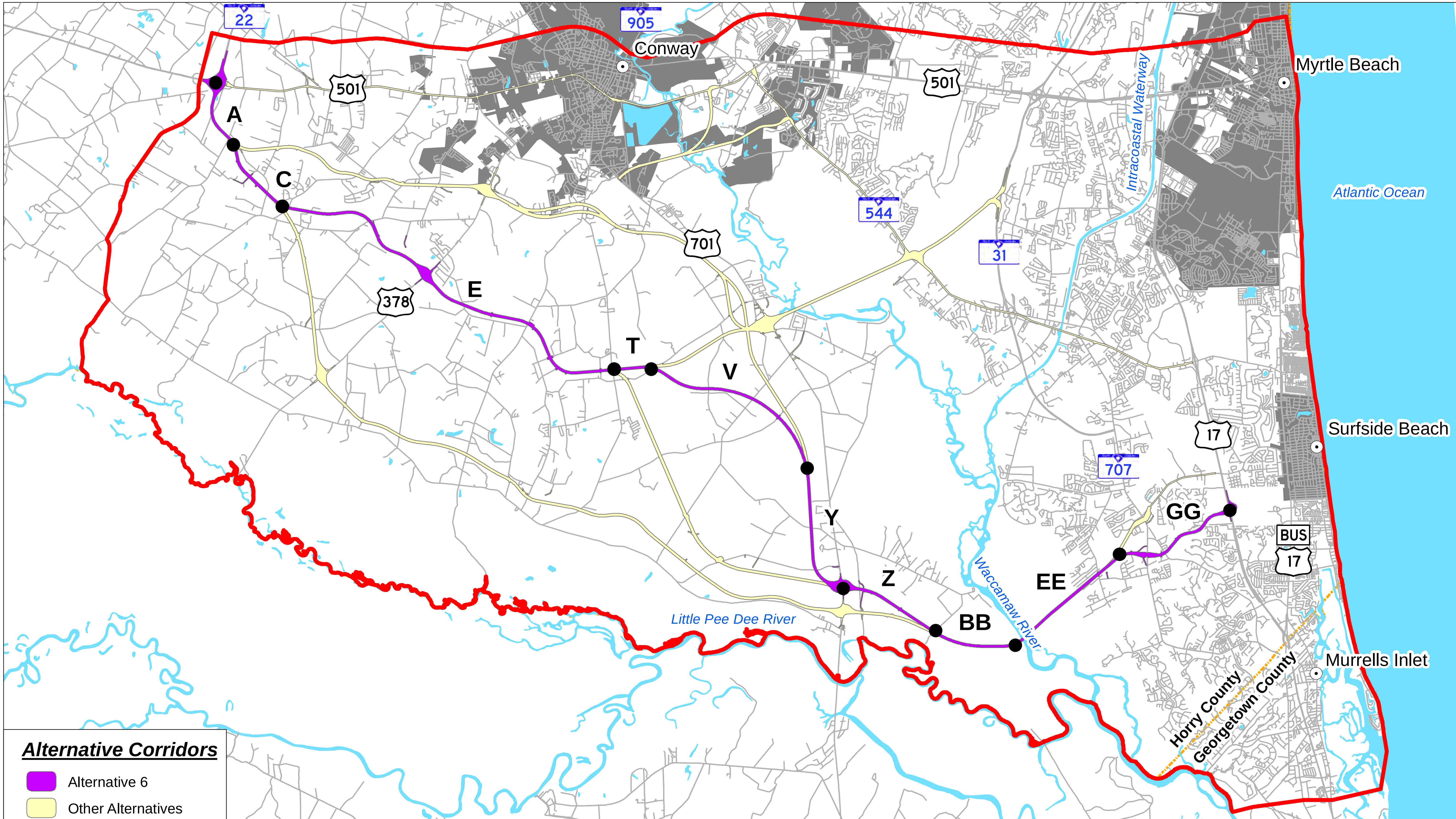

SCDOT RIDE3 Horry County

SELL Conceptual
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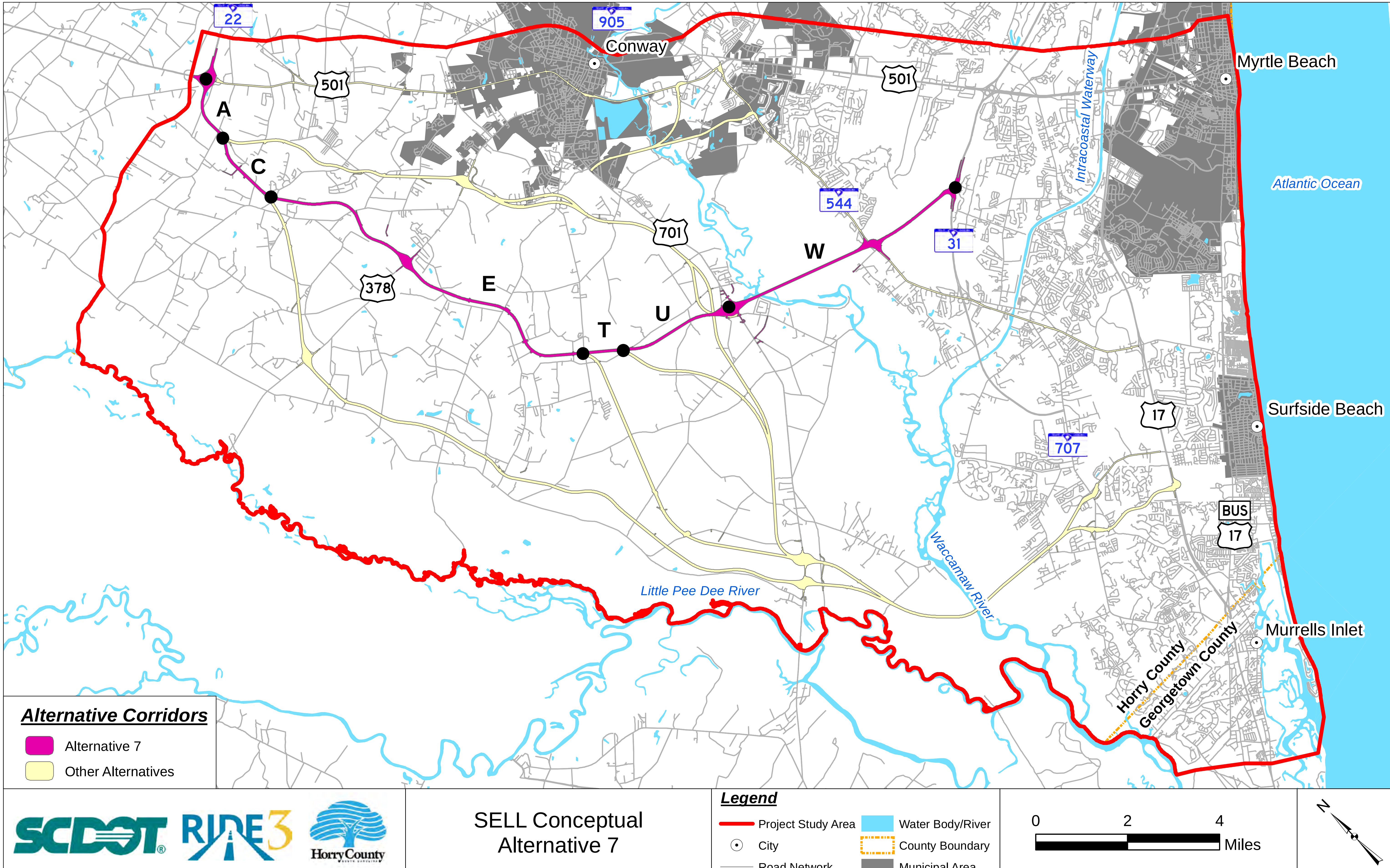

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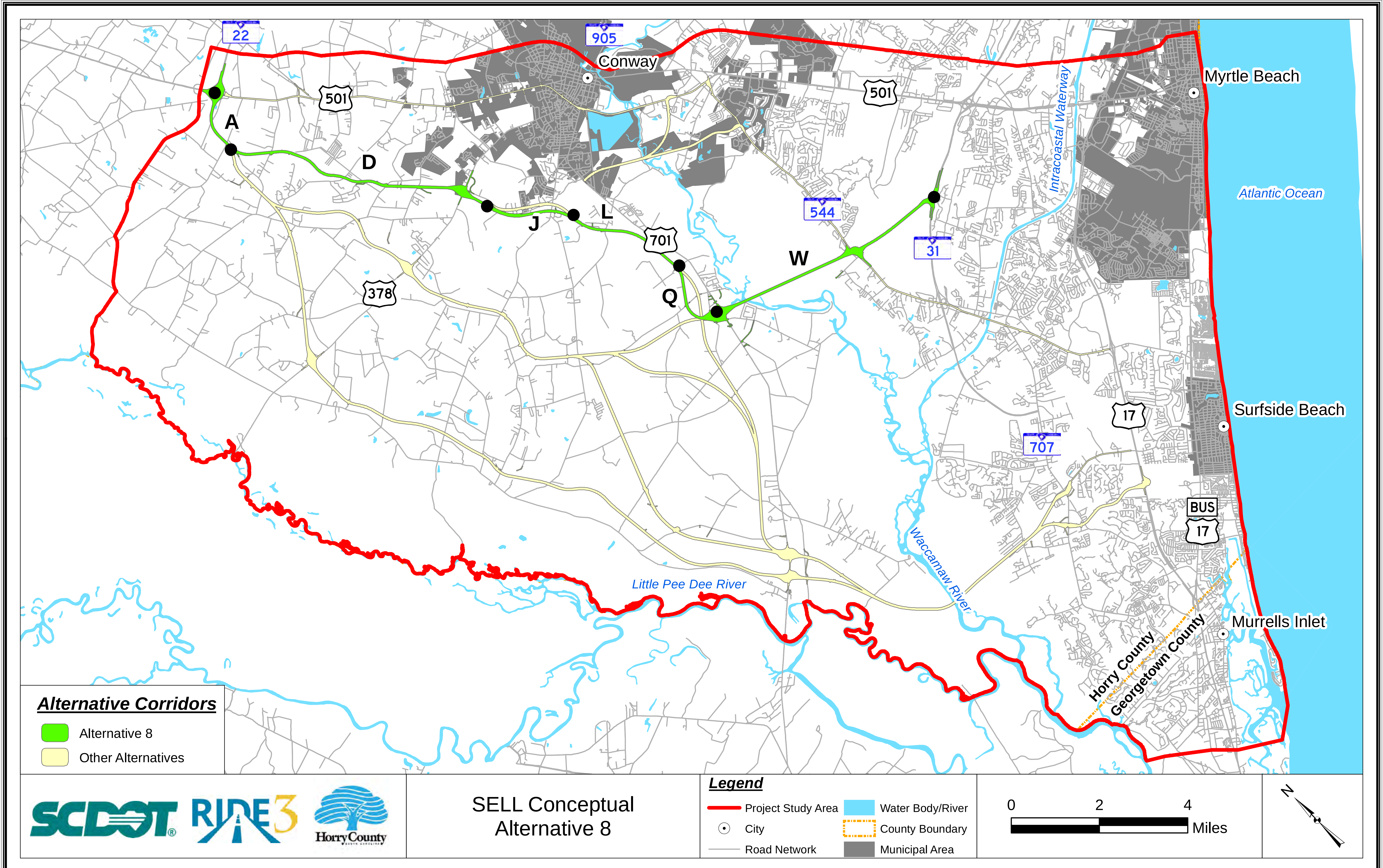

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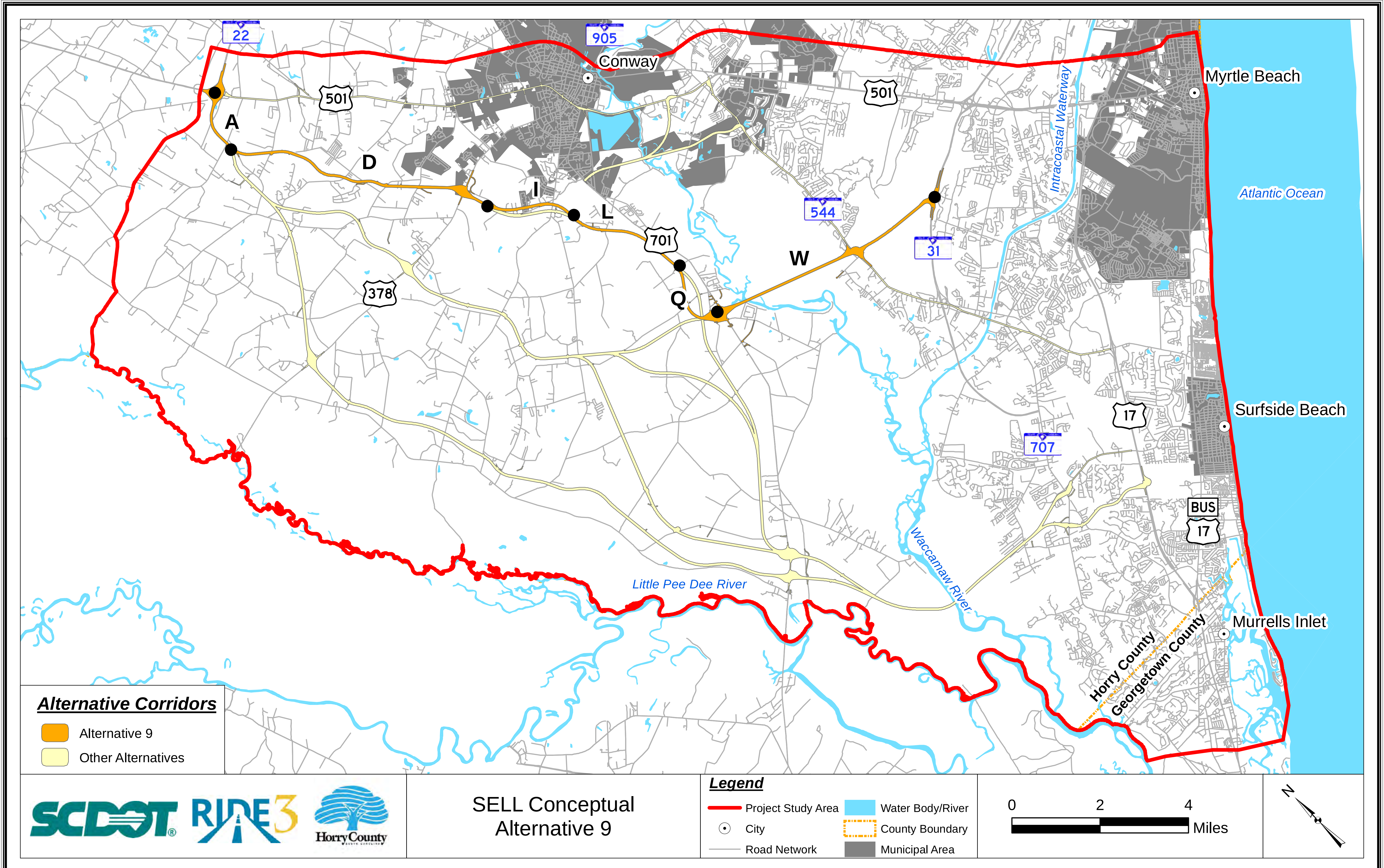

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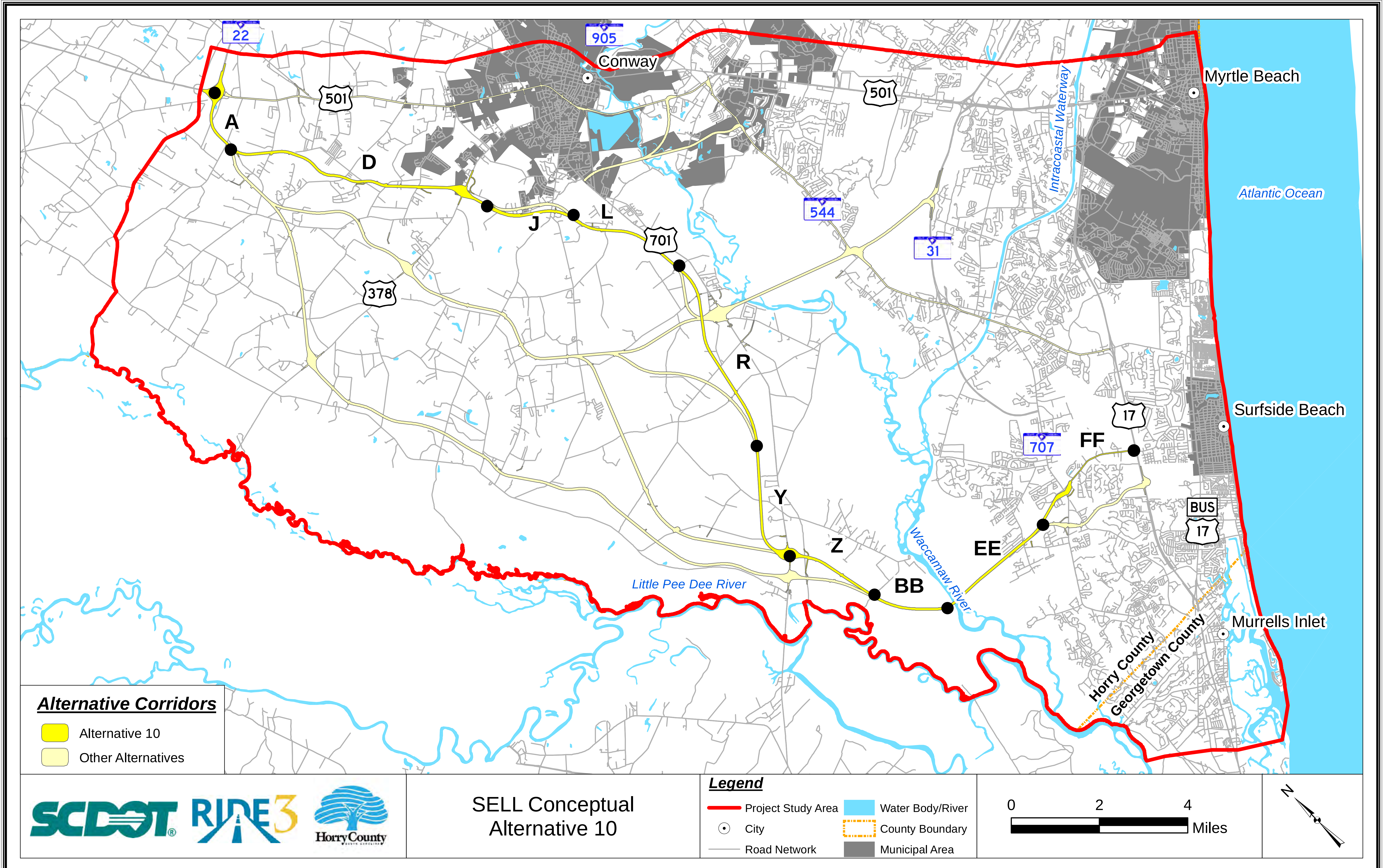

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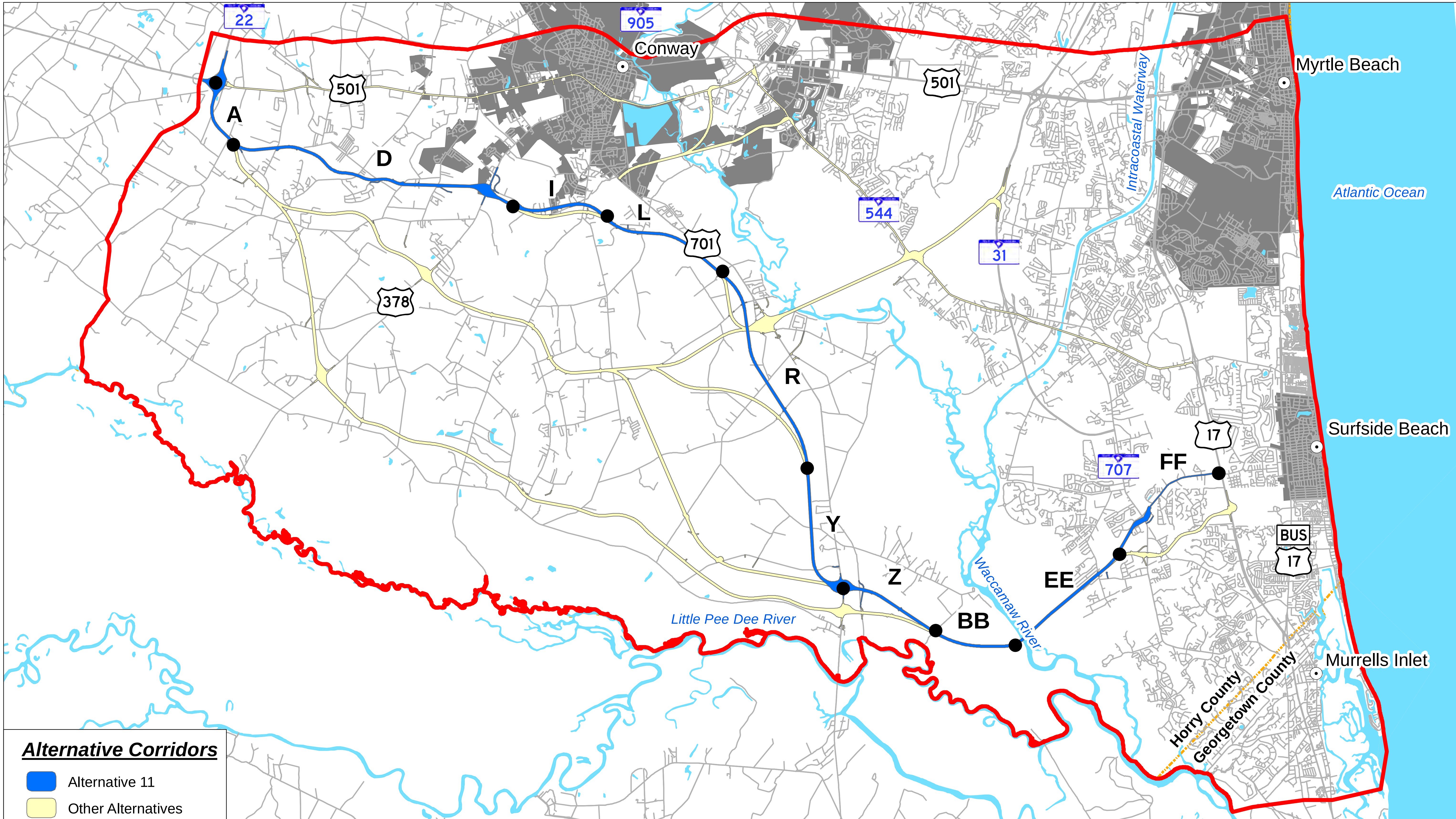

SELL Conceptual
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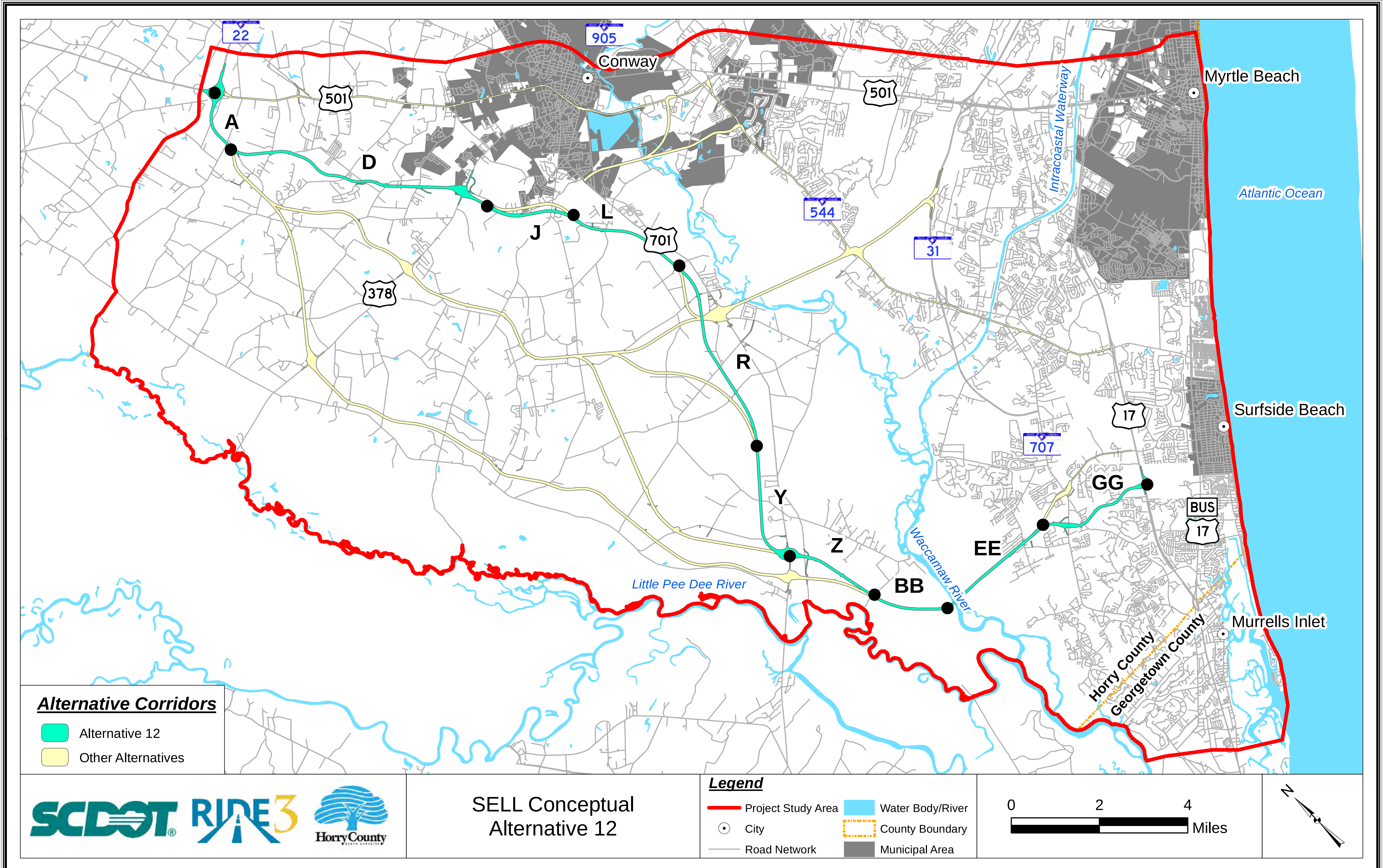
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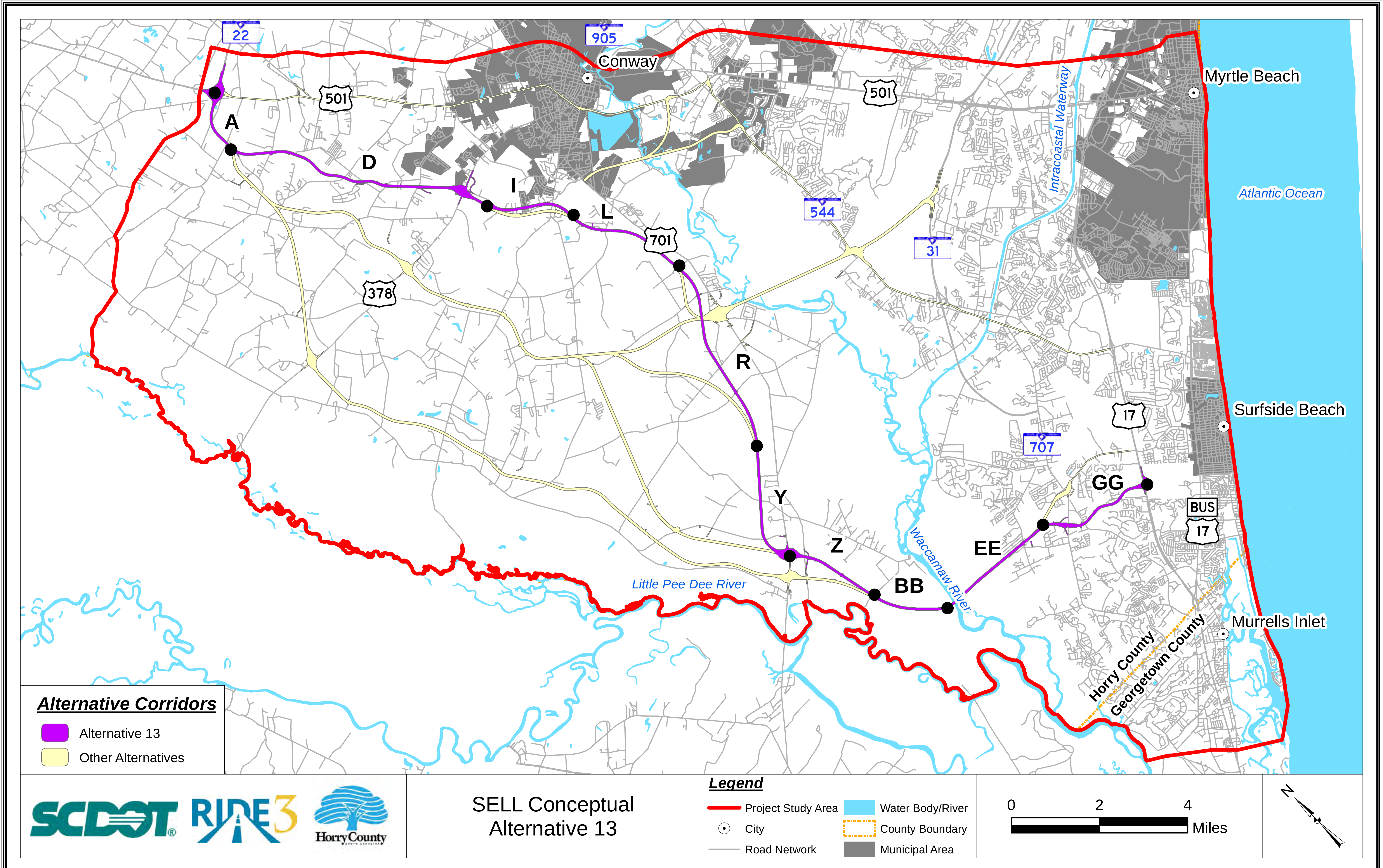
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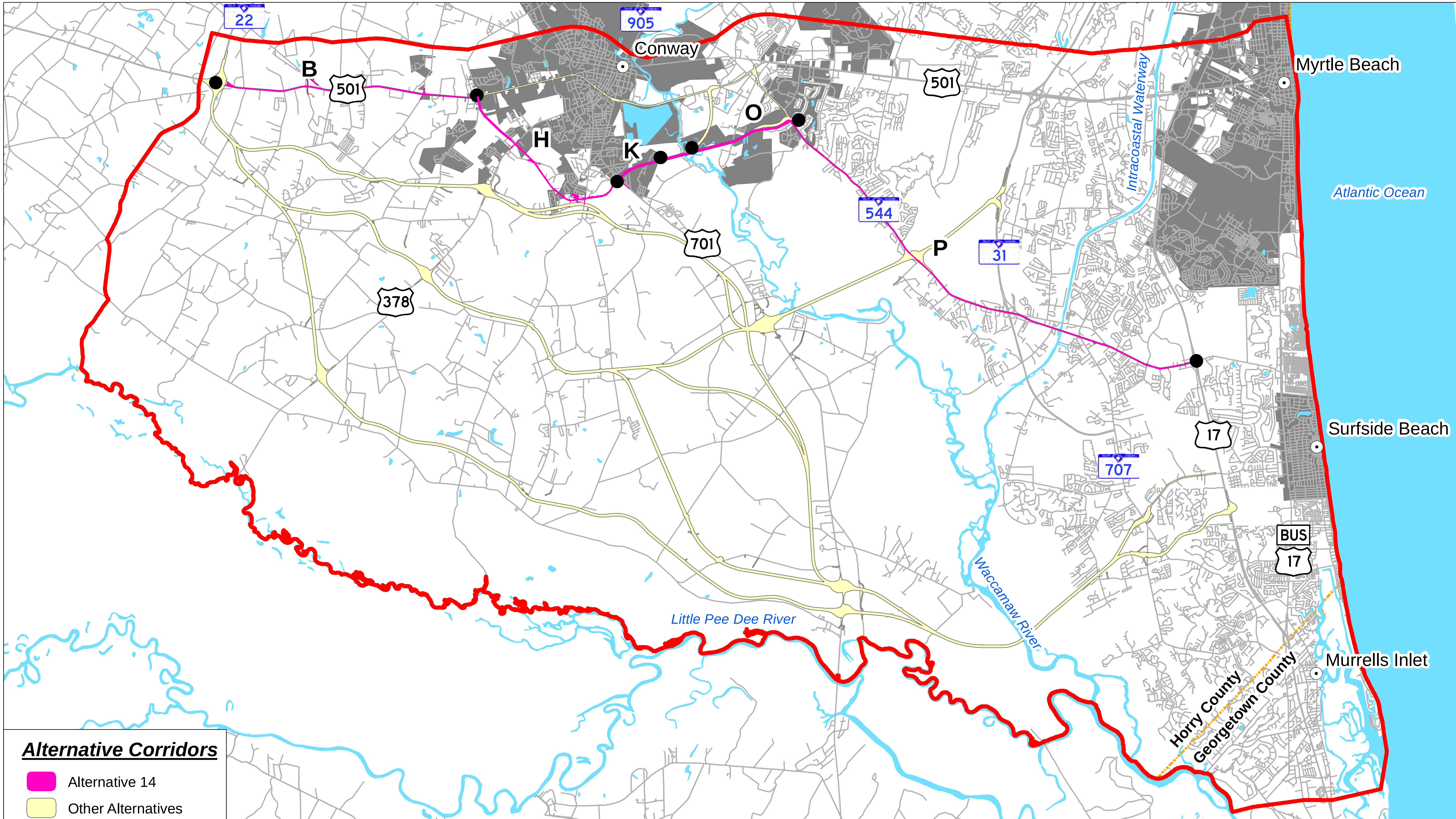
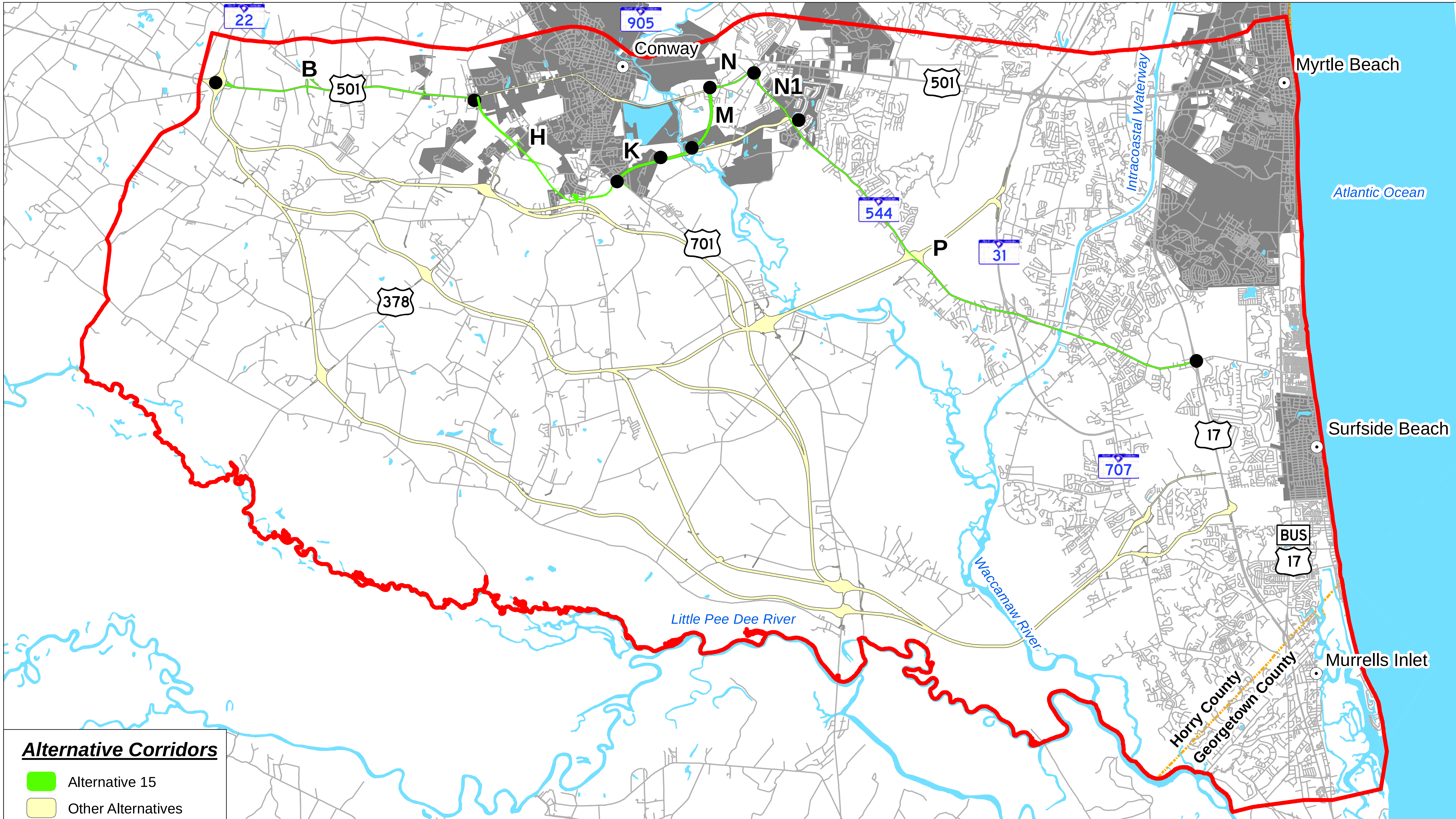
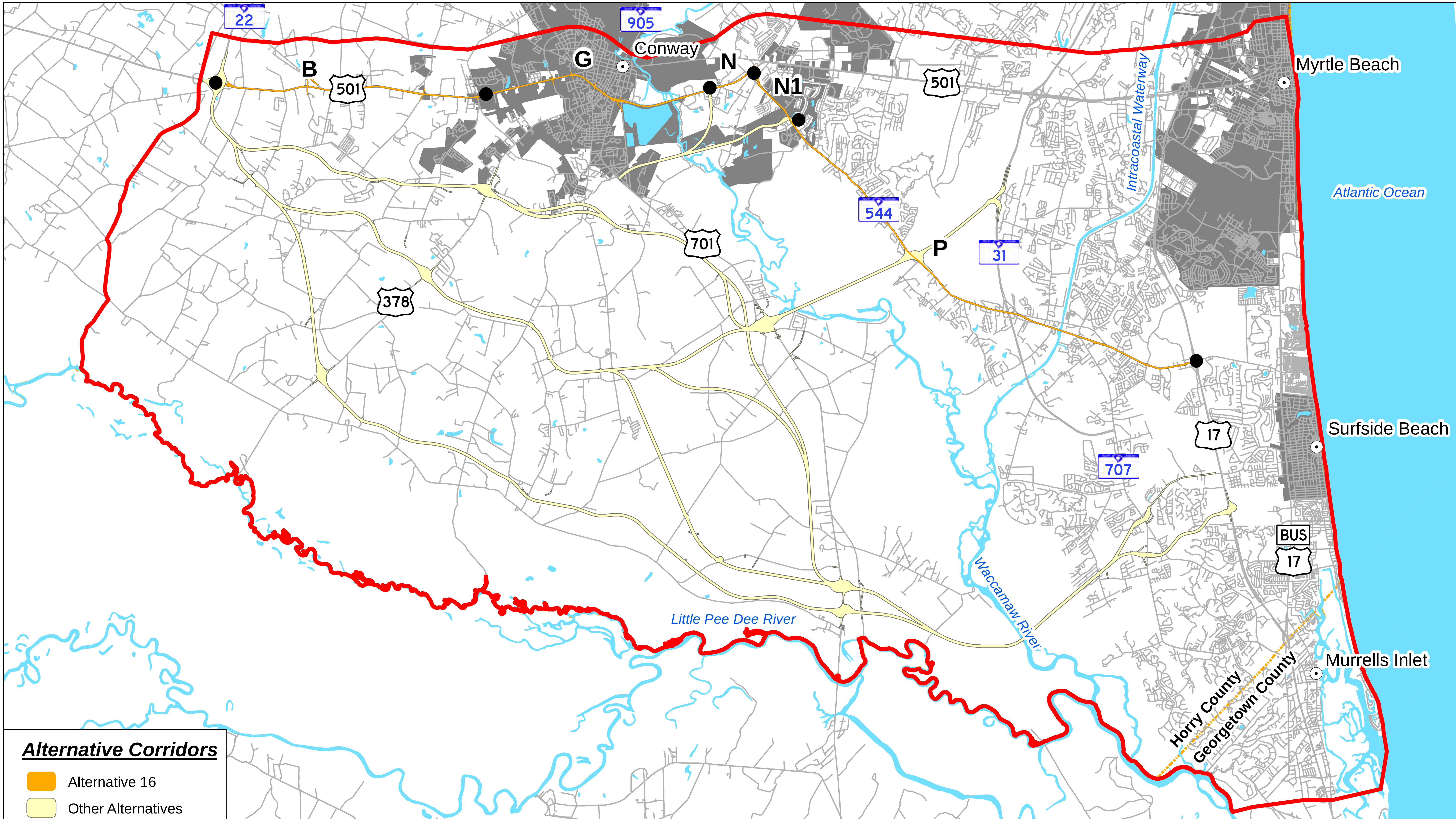


SELL Conceptual
Alternative 14



SELL Conceptual
Alternative 15



SELL Conceptual
Alternative 16

APPENDIX E

Natural Resources Technical Memorandum

NATURAL RESOURCES TECHNICAL MEMORANDUM

Southern Evacuation Lifeline (SELL)

Horry County, South Carolina

Draft.01 January 2023

Prepared for
Horry County
South Carolina Department of Transportation

Prepared by
Mead & Hunt

TABLES:

1 INTRODUCTION

1.1 Project Description

Horry County, in cooperation with the South Carolina Department of Transportation (SCDOT). Known as the Southern Evacuation Lifeline (SELL) project, Horry County proposes to construct a new location, multilane, controlled access roadway connecting Edward E Burroughs Highway (US 501) at Veterans Highway (SC 22) to US Highway 17 (US 17) near Surfside Beach to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River.

At the request of Horry County an environmental assessment (EA) is being performed, which outlines potential alternatives to satisfy the purpose and need of the project. These alternatives are being assessed to determine the least damaging practicable alternative with respect to construction impacts on the human and natural environment, while maintaining appropriate design criteria. The project, as proposed, would result in certain modifications to the human and natural environment.

In association with the EA, Mead & Hunt, Inc. (Mead & Hunt), along with subconsultants (Project Team), has been contracted to provide an environmental review of the proposed overall Project Study Area (PSA) approximately 200,000 acres in size, including documentation of existing natural resources (Please see **Appendix A, Tables 2-70 & Appendix B, Figure 1-1, Project Location Map**). Due to the development in the area and the substantial size of the study area, sixteen (16) alternative corridors have been developed within the PSA to be evaluated by Horry County (Please see **Appendix B, Figure 2-1 through 2-16, Alternative Corridors Map**). This Natural Resources Technical Memorandum (NRTM) summarizes the findings of the environmental review for each alternative.

This report provides an overall description of the project vicinity and specifically describes natural resources within each alternative corridor, including wetlands, water resources, plant communities, and protected species. The qualifications of the personnel involved in the preparation of this report are located in **Appendix D.**

1.2 Purpose

The primary purpose of the proposed project is to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River. Of concern within the SELL PSA is the evacuation of Zones A, B, and C during a Category 4 or 5 storm. The local population for these three zones is 229,060, with an additional seasonal population of 202,500. The current permanent and seasonal populations have limited routes to travel north and west during evacuation periods. Therefore, reducing hurricane evacuation clearance times and providing alternative routes for reliability is a need for the project.

1.3 Methodology

Mead & Hunt reviewed the following reference material:

- S.C. Department of Natural Resources (SCDNR). Rare, Threatened, and Endangered Species and Communities Known to Occur in Horry County (Reviewed: October/November 2022).
- U.S. Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS). Soil Survey Geographic (SSURGO) Database; South Carolina, Statewide (2015).
- USDA-NRCS Soil Data Access (SDA) Hydric Soils List; South Carolina. (Reviewed July 2022).

- USDA-NRCS National List of Hydric Soils Database; National List, All States. (Reviewed July 2022).
- USDA National Agriculture Imagery Program (NAIP) Aerial Photography; Horry County, South Carolina (2017).
- U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Seamless Wetlands Data for South Carolina (Last updated October 2017)
- USFWS. South Carolina Field Office. Endangered, Candidate, and At-Risk Species. County Listings. Horry County (Updated: March 2022).
- U.S. Geological Survey (USGS) 7.5-minute topographic quadrangle; Horry, SC (2020).
- USGS National Hydrography Dataset (NHD) Geodatabase; Subregion 0304.
- USFWS, Information for Planning and Consultation (IPaC) Database (Accessed December 2022).
- South Carolina Natural Heritage Program (SCNHP) Database (Accessed December 2022).

Environmental scientists with the Project Team conducted a desktop survey utilizing various available mapping resources along with field verification reviews for each alternative corridor for the presence of wetlands and other waters of the U.S. (WOUS) during March and April 2021. The purpose of this task was to identify potential WOUS that could be incorporated into a preliminary alternative analysis to evaluate preliminary impacts, including mitigation strategy and costs. This evaluation captured potential WOUS based on Charleston District U.S. Army Corps of Engineers (USACE) guidelines for a preliminary jurisdictional determination (PJD) as well as the recent Navigable Waters Protection Rule (NWPR) effective June 22, 2020. The desktop delineation process includes the initial identification of aquatic resources including wetlands, streams, open waters, nonaquatic linear conveyances (NALC), and potential low flow channels. Subsequent wetland delineations and jurisdictional determinations will be appropriately conducted as the project progresses.

2 PHYSICAL RESOURCES

2.1 LAND USE

The PSA is located primarily in the western half of Horry County, South Carolina. At 1,134 square miles, Horry is the largest county in South Carolina by land mass and the fourth most populous county in the state with a population of 365,579.[1] Land use outside of existing metropolitan areas is comprised of predominantly undeveloped land including mixed pine forests, riverine forest systems, and pine plantations in various stages of development including clear-cuts, seedlings and mature stands.

Land use directly within the PSA is largely composed of low intensity-high intensity development centered along Myrtle Beach, cultivated crops, woody wetlands, emergent herbaceous wetlands, pine savannas, and evergreen forests. Land use to the east of Waccamaw River is primarily residential and commercial with extensive development between the River and US Highway 17.

2.2 PHYSIOGRAPHY AND TOPOGRAPHY

The PSA is located in the Atlantic and Gulf Coastal Plain physiographic province of South Carolina and is specifically situated within the Middle Atlantic Coastal Plain (63) Level III Ecoregion (Griffith, et al., 2002). The

[1] https://www.indexmundi.com/facts/united-states/quick-facts/south-carolina/land-area#map & https://www.census.gov/quickfacts/horrycountysouthcarolina (accessed 12/2022)

Middle Atlantic Coastal Plain is a transitional boundary area consisting of low elevation flat plains with many swamps, marshes, and estuaries. Poorly drained soils are common, and the region has a mix of coarse and fine textured soil. Pine plantations and cropland are typical as well as pine dominated mixed forests.

The PSA is further characterized by its location within the Carolina Flatwoods (63h) and the Mid-Atlantic Floodplains and Low Terraces (63n) Level IV Ecoregion (Griffith, et al., 2002). The Carolina Flatwoods region is characterized by flat land with wide upland surfaces and large areas of poorly drained soils. The region consists mostly of fine-loamy to coarse-loamy soils with periodically high-water tables. Other areas have clayey, sandy, or organic soils.

The Mid-Atlantic Floodplains and Low Terraces are a bottomland region interspersed with the Mid-Atlantic and Carolina Flatwoods region, occurring in the floodplains of rivers and major streams that cut through these flatwoods regions. In the case of this project, these floodplains are associated with the Waccamaw River. Soils are typically alluvial deposits that originate upstream and thus, different portions of this region can have significantly differing texture one river to the next. Please refer to **Appendix B, Figure 3a-1 through 3g-11** mapping for visual topographic depictions of each of the sixteen (16) alternatives.

2.3 Soils Description

The PSA is located in the western section of Horry County. The origins of soil parent material is the unconsolidated material in which a soil forms. It determines the mineral and chemical composition of the soil. The parent materials in the soils of Horry County are marine or fluvial deposits, which contain varying amounts of sand, silt, and clay. All of the soils in the county were deposited or formed during the Pleistocene, or glacial, epoch. The terraces in Horry County, in sequence from the lowest to the highest elevations, are Pamlico, Talbot, Penholoway, Wicomico, and Sunderland Terraces (NRCS, 1980).

The Farmland Protection Policy (FPPA) Act of 1981 requires evaluation of farmland conversions to nonagricultural uses. Farmland can be classified as prime farmland, unique farmland, or farmland of statewide importance. The proposed project would likely require the conversion of farmland soils; therefore, the project will be assessed under the provisions of the FPPA during the development of the EA.

Please refer to **Appendix B, Figure 4a-1 through 4g-11** mapping for visual soil depictions of each of the sixteen (16) alternatives. **Table 1** below provides soil descriptions for each of the soils identified within all sixteen (16) alternatives. Please refer to **Appendix A, Tables 2 through 17** for farmland classifications, hydric ratings, and acres for each Soil Map Units (SMU) located within the sixteen (16) alternatives.

Please note: The project will also have both short-term construction related impacts, as well as long-term operational impacts on soils in the PSA; however, these impacts are not considered adverse.

Table 1: SOIL DESCRIPTIONS FOR ALL ALTERNATIVES IN THE PROJECT STUDY AREA

SOIL UNIT	SOIL DESCRIPTION
Bd	The Bladen component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.
BnA	The Blanton component makes up 85 percent of the map unit. Slopes are 0 to 6 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 60 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.
Br	The Brookman component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, November, December. Organic matter content in the surface horizon is about 7 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.
Ce	The Centenary component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 42 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.
Co	The Coxville component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

SOIL UNIT	SOIL DESCRIPTION
DuA	The Duplin component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
Ec	The Echaw component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 30 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.
EuA	The Eulonia component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
GoA	The Goldsboro component makes up 96 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
Hy	The Hobonny component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October,

SOIL UNIT	SOIL DESCRIPTION
	November, December. Organic matter content in the surface horizon is about 40 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.
Jo	The Johnston component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, November, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.
KeB	The Kenansville component makes up 100 percent of the map unit. Slopes are 0 to 6 percent. This component is on marine terraces, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria.
LaB	The Lakeland component makes up 100 percent of the map unit. Slopes are 0 to 6 percent. This component is on marine terraces, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 0 percent. Nonirrigated land capability classification is 4s. This soil does not meet hydric criteria.
Le	The Leon component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, November, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.
Ln	The Lynchburg component makes up 94 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, April, November, December. Organic matter content

SOIL UNIT	SOIL DESCRIPTION
	in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
Ly	The Lynn Haven component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.
Me	The Meggett component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of clayey fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.
NeA	The Nansemond component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
Og	The Ogeechee component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.
Os	The Osier component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during

SOIL UNIT	SOIL DESCRIPTION
	January, February, March, November, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.
Po	The Pocomoke component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, November, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.
Ru	The Rutlege component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of sandy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.
SfA	The Suffolk component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 1. This soil does not meet hydric criteria.
SfB	The Suffolk component makes up 90 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.
Wa	The Wahee component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, December. Organic matter content in the surface

SOIL UNIT	SOIL DESCRIPTION
	horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
We	The Witherbee component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.
Wo	The Woodington component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.
YaA	The Yauhannah component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
Ye	The Yemassee component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.
EuB	The Eulonia component makes up 92 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18

SOIL UNIT	SOIL DESCRIPTION
	inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.
Ho	The Hobcaw component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.
Yo	The Yonges component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.
Ud	The Udorthents component makes up 51 percent of the map unit. Slopes are 0 to 6 percent. This component is on fills, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Reference: USDA-NRCS Web Soil Survey (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

3 BIOTIC RESOURCES

3.1 Terrestrial Plant Communities

Vegetative terrestrial communities in the PSA were distinguished by plant species, location in the landscape, past disturbances, and hydrologic characteristics. For the purpose of this report, only habitats located directly within the PSA are summarized. Based on concentrated desktop reviews conducted December 2022, five (5) terrestrial community types are present within the PSA, including: 1) Blackwater River Floodplain Forest, 2) Cypress Gum Swamp, 3) Mesic Mixed Pine / Hardwood Forest, 4) Pine Plantation (including clearcut), and 5) Maintained and Disturbed Land.

A brief summary of the terrestrial habitat communities found within the PSA follows:

Blackwater River Floodplain Forest

Blackwater river systems are defined by rivers that originate in the Coastal Plain and are characterized by a slow-moving channel with a silt bottom. The Blackwater River Floodplain Forest is a community type located along the banks and overflow areas of these blackwater rivers. Within the PSA, this is the dominant community type along Cypress Swamp and Four Hole Swamp. Dominant vegetation in this community consists of an overstory of bald cypress, black tupelo (*Nyssa sylvatica*), water tupelo (*Nyssa aquatica*), red maple (*Acer rubrum*), and sweetgum (*Liquidambar styraciflua*). This community experiences frequent flooding and periods of extended inundation, which limits understory vegetation development. However, some areas contain an understory composed of false nettle (*Boehmeria cylindrica*), switch cane (*Arundinaria gigantea*), and fetterbush (*Lyonia lucida*) as well as muscadine (*Vitis rotundifolia*).

Cypress Gum Swamp

The Cypress Gum Swamp community is a Coastal Plain community type that is frequently flooded or inundated and contains poorly drained soils. Within the PSA, Cypress Gum Swamps can be found throughout wetland areas not in direct association with riverine systems. The overstory within this community is dominated by bald cypress, black tupelo, water tupelo, and red maple. The understory is dominated by red bay (*Persea borbonia*), Chinese privet (*Ligustrum sinense*), lizard tail (*Saururus cernuus*), and pepper bush (*Clethera alnifolia*). Woody vines of muscadine and poison ivy (*Toxicodendron radicans*) are also present.

Mesic Mixed Pine/Hardwood Forest

Mesic Mixed Pine/Hardwood Forests are the most common natural community type within the PSA. This community is found throughout the PSA including roadsides and median areas that have not been cleared. Dominant vegetation consists of pine and hardwood tree species in varying stages of development from successional to mature forests. Vegetation within this community is variable, but consists mostly of sweetgum, red maple, loblolly pine (*Pinus taeda*), American beech (*Fagus grandifolia*), water oak (*Quercus nigra*), northern red oak (Quercus rubra), winged elm (*Ulmus alata*), white oak (Quercus alba), willow oak (*Quercus phellos*), tulip poplar (*Lirodendron tulipifera*), mockernut hickory (*Carya tomentosa*), black tupelo, eastern red cedar (*Juniperus virginiana*), and American holly (*Ilex opaca*). This community type has a light shrub layer of mostly Chinese privet, American witch-hazel (*Hamamelis virginiana*), and Northern spicebush (*Lindera benzoin*). Herbaceous plant species observed within this community included Virginia chain fern (*Woodwardia virginiana*), cinnamon fern (*Osmundastrum cinnamomeum*), Christmas fern (*Polystichum acrostichoides*), broomsedge (*Andropogon virginicus*), Japanese stilt grass (*Microstegium vimineum*), and dwarf palmetto (*Sabal minor*). Common woody vines included Virginia creeper (*Parthenocissus quinquefolia*), common greenbrier (*Smilax rotundifolia*), trumpet vine (*Campsis radicans*), muscadine, and poison ivy.

Pine Plantations

Pine Plantations can be found throughout the PSA. These areas are monocultures comprised almost entirely of pines; either loblolly pine, slash pine (*Pinus elliottii*), or longleaf pine (*Pinus palusris*). These pines are grown in rotation where mature trees are harvested, often leaving a clear cut with no vegetation where a new crop of trees will grow. Within the PSA, pine plantations exist at all stages of development including clear cuts, seedlings, saplings, and mature stands. Pine plantations are often maintained through prescribed burns to maintain a minimal understory.

Maintained and Disturbed Land

The Maintained and Disturbed Land community type is found throughout the PSA, and occurs primarily alongside US 501, SC 544, US 378, and US 17. Maintained and disturbed land is kept by frequent mowing and therefore is comprised mostly of herbaceous species, including various grasses such as Bermuda grass (*Cynodon dactylon*), bahiagrass (*Paspalum notatum*), common fescue (*Festuca sp.*), ryegrass (*Lolium perenne*) and bluegrass (*Poa sp.*).

3.2 Wetland Plant Communities

A total of 84 wetland communities were depicted on the NWI Wetlands Mapper within the PSA, including six (6) riverine systems; three (3) palustrine unconsolidated bottom wetland systems; 26 palustrine scrub-shrub wetland systems; 37 palustrine forested wetland systems; 11 palustrine emergent wetland systems; and one (1) lake system.

Please refer to **Appendix B, Figure 5a-1 through 5g-11** mapping for visual NWI depictions of each of the sixteen (16) alternatives. **Table 18** below provides NWI descriptions for each of wetland systems identified within all sixteen (16) alternatives. Please refer to **Appendix A, Tables 19 through 34** for a summary of NWI features within each alternative.

Table 18: NWI DESCRIPTIONS FOR ALL ALTERNATIVES IN THE PROJECT STUDY AREA

COWARDIN CODE	DETAILED DESCRIPTION
L1UBHx	Lake, Limnetic, Unconsolidated Bottom, Permanently Flooded, Excavated
PEM1/SS1F	Palustrine, Emergent, Persistent / Scrub-Shrub, Broad-leaved Deciduous, Semi permanently Flooded
PEM1/SS4A	Palustrine, Emergent, Persistent / Scrub-Shrub, Needle-Leaved Evergreen, Temporarily Flooded
PEM1/SS4B	Palustrine, Emergent, Persistent / Scrub-Shrub, Needle-Leaved Evergreen, Saturated
PEM1/SS4Bd	Palustrine, Emergent, Persistent / Scrub-Shrub, Needle-Leaved Evergreen, Saturated, Partly Drained/Ditched
PEM1A	Palustrine, Emergent, Persistent, Temporarily Flooded
PEM1Ad	Palustrine, Emergent, Persistent, Temporarily Flooded, Partly Drained/Ditched
PEM1B	Palustrine, Emergent, Persistent, Saturated
PEM1Bd	Palustrine, Emergent, Persistent, Saturated, Partly Drained/Ditched
PEM1C	Palustrine, Emergent, Persistent, Seasonally Flooded
PEM1F	Palustrine, Emergent, Persistent, Semi permanently Flooded
PEM1Fx	Palustrine, Emergent, Persistent, Semi permanently Flooded, Excavated

COWARDIN CODE	DETAILED DESCRIPTION
PFO1/2Cd	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Deciduous, Seasonally Flooded, Partly Drained/Ditched
PFO1/2F	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Deciduous, Semi permanently Flooded
PFO1/2T	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Deciduous, Semi permanently Flooded - Tidal
PFO1/2Td	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Deciduous, Semi permanently Flooded - Tidal, Partly Drained/Ditched
PFO1/4A	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Temporarily Flooded
PFO1/4Ad	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Temporarily Flooded, Partly Drained/Ditched
PFO1/4B	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Saturated
PFO1/4Bd	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Saturated, Partly Drained/Ditched
PFO1/4C	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Seasonally Flooded
PFO1/4Cd	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Seasonally Flooded, Partly Drained/Ditched
PFO1/4Ch	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Seasonally Flooded, Diked/Impounded
PFO1/4R	Palustrine, Forested, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Seasonally Flooded-Tidal
PFO1/SS1Cd	Palustrine, Forested, Broad-Leaved Deciduous / Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded, Partly Drained/Ditched
PFO1/SS3B	Palustrine, Forested, Broad-Leaved Deciduous / Scrub-Shrub, Broad-Leaved Evergreen, Saturated
PFO1/SS3R	Palustrine, Forested, Broad-Leaved Deciduous / Scrub-Shrub, Broad-Leaved Evergreen, Seasonally Flooded-Tidal
PFO1A	Palustrine, Forested, Broad-Leaved Deciduous, Temporarily Flooded
PFO1B	Palustrine, Forested, Broad-Leaved Deciduous, Saturated
PFO1Bd	Palustrine, Forested, Broad-Leaved Deciduous, Saturated, Partly Drained/Ditched
PFO1C	Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded
PFO1Cd	Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded, Partly Drained/Ditched
PFO1Ch	Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded, Diked/Impounded
PFO1F	Palustrine, Forested, Broad-Leaved Deciduous, Semi permanently Flooded

COWARDIN CODE	DETAILED DESCRIPTION
PFO1Fb	Palustrine, Forested, Broad-Leaved Deciduous, Semi permanently Flooded, Beaver
PFO1R	Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded-Tidal
PFO4/1A	Palustrine, Forested, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Temporarily Flooded
PFO4/1B	Palustrine, Forested, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Saturated
PFO4/1Bd	Palustrine, Forested, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Saturated, Partly Drained/Ditched
PFO4/1C	Palustrine, Forested, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Seasonally Flooded
PFO4/3B	Palustrine, Forested, Needle-Leaved Evergreen / Broad-Leaved Evergreen, Saturated
PFO4/SS1B	Palustrine, Forested, Needle-Leaved Evergreen / Scrub-Shrub, Broad-Leaved Deciduous, Saturated
PFO4/SS3B	Palustrine, Forested, Needle-Leaved Evergreen / Scrub-Shrub, Broad-Leaved Evergreen, Saturated
PFO4A	Palustrine, Forested, Needle-Leaved Evergreen, Temporarily Flooded
PFO4Ad	Palustrine, Forested, Needle-Leaved Evergreen, Temporarily Flooded, Partly Drained/Ditched
PFO4B	Palustrine, Forested, Needle-Leaved Evergreen, Saturated
PFO4Bd	Palustrine, Forested, Needle-Leaved Evergreen, Saturated, Partly Drained/Ditched
PFO4C	Palustrine, Forested, Needle-Leaved Evergreen, Seasonally Flooded
PFO4Cd	Palustrine, Forested, Needle-Leaved Evergreen, Seasonally Flooded, Partly Drained/Ditched
PSS1/2F	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Needle-Leaved Deciduous, Semi permanently Flooded
PSS1/4A	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Temporarily Flooded
PSS1/4Ad	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Temporarily Flooded, Partly Drained/Ditched
PSS1/4B	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Saturated
PSS1/4Bd	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Saturated, Partly Drained/Ditched
PSS1/4C	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Seasonally Flooded
PSS1/4Cd	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Needle-Leaved Evergreen, Seasonally Flooded, Partly Drained/Ditched

COWARDIN CODE	DETAILED DESCRIPTION
PSS1/FO4Bd	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous / Forested, Needle-Leaved Evergreen, Saturated, Partly Drained/Ditched
PSS1A	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Temporarily Flooded
PSS1B	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Saturated
PSS1Bd	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Saturated, Partly Drained/Ditched
PSS1C	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded
PSS1Cb	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded, Beaver
PSS1Ch	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded, Diked/Impounded
PSS1F	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Semi permanently Flooded
PSS1Fb	Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Semi permanently Flooded, Beaver
PSS3/4B	Palustrine, Scurb-Shrub, Broad-Leaved Evergreen / Needle-Leaved Evergreen, Saturated
PSS4/1Ad	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Temporarily Flooded, Partly Drained/Ditched
PSS4/1B	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Saturated
PSS4/1Bd	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Saturated, Partly Drained/Ditched
PSS4/1C	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen / Broad-Leaved Deciduous, Seasonally Flooded
PSS4A	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen, Temporarily Flooded
PSS4Ad	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen, Temporarily Flooded, Partly Drained/Ditched
PSS4B	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen, Saturated
PSS4Bd	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen, Saturated, Partly Drained/Ditched
PSS4C	Palustrine, Scrub-Shrub, Needle-Leaved Evergreen, Seasonally Flooded
PUBH	Palustrine, Unconsolidated Bottom, Permanently Flooded
PUBHh	Palustrine, Unconsolidated Bottom, Permanently Flooded, Diked/Impounded
PUBHx	Palustrine, Unconsolidated Bottom, Permanently Flooded, Excavated
R1UBV	Riverine, Tidal, Unconsolidated Bottom, Permanently Flooded-Tidal
R1UBVx	Riverine, Tidal, Unconsolidated Bottom, Permanently Flooded-Tidal, Excavated

COWARDIN CODE	DETAILED DESCRIPTION
R2UBH	Riverine, Lower Perennial, Unconsolidated Bottom, Permanently Flooded
R2UBHx	Riverine, Lower Perennial, Unconsolidated Bottom, Permanently Flooded, Excavated
R4SBC	Riverine, Intermittent, Streambed, Seasonally Flooded
R4SBCx	Riverine, Intermittent, Streambed, Seasonally Flooded, Excavated

3.3 Aquatic Plant Communities

Based on desktop review using the Annual South Carolina Aquatic Plant Management Plan (2019), evidence of aquatic plant communities is observed within the PSA including water hyacinth (*Eichhornia crassipes*), common reed (*Phragmites spp.*), and alligatorweed (*Alternanthera philoxeroides*).

4 WATERS OF THE U.S.

Waters of the U.S. are defined by 33 CFR 328.3(b) and protected by Section 404 of the Clean Water Act (33 U.S.C. 1344), which is administered and enforced in South Carolina by the U.S. Army Corps of Engineers (USACE), Charleston District. The term "Waters of the U.S." is defined in 33 CFR Part 328 as:

1. All waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
2. All interstate waters including interstate wetlands;
3. All other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate or foreign commerce including any such waters:
   - Which are or could be used by interstate or foreign travelers for recreational or other purposes; or
   - From which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or
   - Which are used or could be used for industrial purpose by industries in interstate commerce;
4. All impoundments of waters otherwise defined as waters of the United States under the definition;
5. Tributaries of waters identified in paragraphs 1 – 4 above;
6. The territorial seas; and
7. Wetlands adjacent to waters (other than waters that are themselves wetlands) identified in 1 – 6 above.

Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the Clean Water Act (other than cooling ponds as defined in 40 CFR 123.11(m) which also meet the criteria of this definition), are not waters of the United States. Waters of the U.S. do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, the final authority regarding Clean Water Act jurisdiction remains with the Environmental Protection Agency.

Wetlands are defined as those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, under normal circumstances a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas. Wetlands are defined in the field as areas that display positive evidence of three environmental parameters including dominance of hydrophytic vegetation, wetland hydrology, and hydric soils (USACE, 1987).

Infrastructure Consulting & Engineering (ICE) was tasked with the preliminary identification of potential wetlands and other waters of the U.S. (WoUS) along each alternative corridor. Specifically, ICE implemented a GIS desktop approach utilizing various available mapping resources along with field verification reviews. This evaluation captured potential WoUS based on preliminary jurisdictional determination (PJD) guidelines as well as the Navigable Waters Protection Rule (NWPR) effective June 22, 2020. Subsequent wetland delineations and jurisdictional determinations will be appropriately conducted as the project progresses. The desktop delineation process includes the initial identification of aquatic resources including wetlands, streams, open waters, nonaquatic linear conveyances (NALC), and potential low flow channels (LFC).

Please see **Appendix B, Figure 6a-1 through 6g-11** for the location and extent of the delineated aquatic resources for each of the sixteen (16) alternatives. Please refer to **Appendix A, Tables 35 through 69** for a summary of aquatic features within each alternative.

4.1 Permitting

A Clean Water Act Section 404 permit is required for impacts to waters of the U.S., including wetlands. Section 404 is administered by the U.S. Army Corps of Engineers (USACE). Depending on the type and extent of waters of the U.S. (including wetlands) to be impacted, Section 404 permitting requirements can range from activities that are considered exempt or preauthorized to those requiring pre-construction notification (PCN) for a Nationwide Permit (NWP) or Individual Permit (IP) from the USACE.

In addition to the Section 404 permit, SCDHEC must grant, deny, or waive a Water Quality Certification (WQC), in accordance with Section 401 of the Clean Water Act. Waters considered by SCDHEC to be sensitive may also require additional consideration during the 401 WQC process. These include, but are not limited to, Outstanding Resource Waters (ORW), Shellfish Harvesting Waters (SFH), trout waters, areas draining to waters included on the 303(d) list of impaired waters, and areas draining to waters with an approved TMDL. According to SCDHEC reports, the project contains TMDL waters, as well as waters listed on the Draft 303(d) list.

Specific permitting requirements and strategies for the project will be determined once impacts to wetlands (and other WoUS) are quantified following establishment of proposed project construction limits. Pursuant to Section 404, regulated discharges would include, but are not necessarily limited to, the placement of fill material, riprap, pipes, culverts, etc., into waters of the U.S. The permit application must include a delineation of affected WoUS, as well as a description of impact avoidance and minimization strategies, and an alternatives analysis.

It is anticipated that the SELL project will require an IP due to the level of impacts anticipated to WoUS. It is not uncommon for the regulatory processing of an IP application to take close to a year due to the public comment period required for IP's. In addition, a Section 401 WQC, Navigable Waters Permit, and SCDHEC-Office of Ocean and Coastal Resource Management (OCRM) Costal Zone Consistency Certification are anticipated.

Compensatory Mitigation

Compensatory mitigation is normally required to offset unavoidable losses of waters of the U.S. The Council on Environmental Quality (CEQ) has defined mitigation in 40 CFR Part 1508.20 to include: avoiding impacts, minimizing impacts, rectifying impacts, reducing impacts over time, and compensating for impacts. Three general types of mitigation include avoidance, minimization, and compensatory mitigation. Compensatory mitigation consists usually of the restoration of existing degraded wetlands or waters, or the creation of wetlands/waters of equal or greater value than those to be impacted. This type of mitigation is only undertaken after avoidance and minimization actions are exhausted and should be undertaken, when practicable, in areas near the impact site (i.e., on-site compensatory mitigation). The USACE typically requires compensatory mitigation for any wetland impacts for which a Section 404 permit application is submitted.

It is anticipated that compensatory mitigation for permanent project impacts will be attained through purchase of mitigation credits from a USACE approved mitigation bank. Specific mitigation requirements will be established during the Section 404 permitting process. If mitigation banks cannot service all the credit needs for the SELL project, a Permitee-Responsible Mitigation (PRM) plan will be necessary in which the permitee performs the mitigation after the permit is issued and is ultimately responsible for implementation and success of mitigation either at the site of the permitted impacts or at an off-site location within the same watershed.

5 WATER RESOURCES AND WATER QUALITY

5.1 WATER RESOURCES

The SC Department of Health and Environmental Control (SCDHEC) divides South Carolina into eight (8) major river basins. A river basin can be described as a geographic area in which all surface waters drain to a common point. The PSA extends into the Pee Dee River Basin.

Pee Dee River Basin

The Pee Dee River Basin extends through North and South Carolina from the northwestern corner of North Carolina near Blowing Rock to the Winyah Bay in Georgetown. The basin covers and area approximately 433 miles long and includes 5,862 miles of streams and rivers. More than 20,000 acres of the basin is covered by lakes. The Basin covers a number of geographical areas, starting at the Appalachian Mountains and North Carolina foothills continuing through the central Piedmont and into the Sandhills before exiting to the Atlantic Ocean through Winyah Bay. Mead & Hunt reviewed the Basinwide Watershed Water Quality Assessment Report for the Pee Dee River Basin (SCDHEC, 2015) and the S.C. List of 303(d) Impaired Waters (SCDHEC, 2018) for information pertaining to water resources and water quality.

The South Carolina portion of the Pee Dee River Basin flows from the Piedmont and Sandhills regions of the state to the Upper and Lower Coastal Plain and Coastal Zone regions and encompasses 45 watersheds (10-digit hydrologic unit) and 5,022,747 acres. SCDHEC's Pee Dee Basin includes the Lynches River Basin (hydrologic unit

03040202), the Black River Basin (hydrologic unit 03040205), the Waccamaw River Basin (hydrologic unit 03040206), the South Carolina portion of the Great Pee Dee River Basin (hydrologic units 03040201, 03040203, 03040204, 03040207), and the Pee Dee Coastal Frontage Basin (hydrologic unit 03050208).

The sub-basins located within all sixteen (16) alternatives are the Waccamaw River (HUC 3040206), the Little Pee Dee River (HUC 3040204), and the Lower Pee Dee River (HUC 3040207). Please see **Appendix B Figure 7-1 through 7-16** for watershed mapping.

5.2 303(d) List of Impaired Waters

In accordance with Section 303(d) of the 1972 Federal Clean Water Act (CWA), SCDHEC evaluates water bodies identified as impaired for appropriate inclusion on the Section 303(d) list. The 303(d) list is a State list of waters that are not meeting water quality standards or have impaired uses. The 303(d) list targets water bodies that do not meet water quality standards set for the state for water quality management, as well as identifying the cause(s) of the impairment and the designated classifications.

Please refer to **Appendix B, Figure 7-1 through 7-16** mapping for the drainage locations of water quality stations for each alternative. **Appendix A, Table 70** provides detailed information on those water quality stations and whether the station is listed on the 303(d) list.

5.3 Total Maximum Daily Loads

A TMDL, or Total Maximum Daily Load, is the amount of a single pollutant (e.g., bacteria, nutrients, metals) that can enter a waterbody on a daily basis and still meet water quality standards set forth by the State. “TMDL” refers to both the calculation of a pollutant entering a waterbody, as well as a document which includes this calculation along with source assessments, watershed and land use information, reductions and allocations information, implementation and other relevant information, maps, figures and pictures (SCDHEC, 2015).

The goal of a TMDL is to identify potential pollution sources, calculate and quantify the reduction of those sources, and to provide general implementation information needed in order to meet water quality standards and improve water quality. After the approval of the TMDL, an implementation plan can be developed to realize the goals of the written TMDL plan document. Implementation of a TMDL has the potential to reduce sources of pollution within a watershed and the potential to restore the full use of the waterbody.

TMDLs are determined by calculating all the point and nonpoint sources for the pollutant causing the impairment. After a TMDL is calculated, the amount of load entering from point and nonpoint sources is compared to the water quality standards for that waterbody. Then this total loading is reduced to the levels where the water quality standards can be met. This reduced loading is then divided among all the point and nonpoint sources.

A TMDL has been developed for all three (3) sub-basins; however, they are primarily located mostly within the Waccamaw River (HUC 3040206) and the Lower Pee Dee River (HUC 3040207). The TMDL includes the eastern/southern portion of the PSA. The TMDL parameter measured within the project boundaries is Dissolved

Oxygen (DO). Please refer to **Appendix B, Figure 7-1 through 7-16** mapping which depicts the location of the TMDL boundary within the PSA and which water quality stations/alternatives are located within the TMDL.

5.4 SCDHEC Regulated Permits

5.4.1 National Pollutant Discharge Elimination System

Point source discharge is any discharge that is released to the waters of the State by a discernible, confined and discrete conveyance, including but not limited to a pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel, or other floating craft from which waste is or may be discharged. The National Pollutant Discharge Elimination System (NPDES) Permit Program was created by Section 402 of the CWA. In 1975, the Bureau of Water received authority from the EPA to administer the NPDES Permit Program in South Carolina. The SCDHEC Bureau of Water is responsible for the permitting, compliance, monitoring and enforcement activities of the program.
Persons with point source discharges to surface waters are required to have NPDES permits. Typical regulated point source discharges are:

- discharges from wastewater treatment systems owned by municipalities, industries, private utilities, State and Federal government, etc.;
- discharges such as cooling water, boiler blow down, etc.;
- stormwater discharges from municipal separate storm sewer systems (MS4s);
- stormwater discharges associated with industrial activity; and,
- stormwater dischargers from construction sites.

According to the Basinwide Watershed Water Quality Assessment Report for the Pee Dee River Basin (SCDHEC, 2015), there are five (5) watersheds located within the PSA. These include Kingston Lake (3040206-08), Socastee Swamp-Waccamaw River (3040206-09), Outlet Waccamaw River-Atlantic Intracoastal Waterway (3040206-10), Little Pee Dee River (3040204-08), and Great Pee Dee River/Winyah Bay (3040207-02). According to the Basinwide Watershed Water Quality Assessment Report for the Pee Dee River Basin (SCDHEC, 2015), the following watersheds within the PSA contain active NPDES permitted facilities:

Within the Kingston Lake Watershed, there is one (1) active NPDES permitted facility within the PSA. NPDES permit SCG731247 authorizes minor industrial discharge to Crab Tree Swamp from the Browns Mobile Home Park/Brown Mine.

Within the Lee Pee Dee River Watershed, there are four (4) active NPDES permitted facilities within the PSA. NPDES permit SCG730036 and NPDES permit SCG730482 authorizes minor industrial discharge to Boyd Canal from the Cavu Inc./Buck Mine. NPDES permit SCG730562 authorizes minor industrial discharge to Dwight Creek from Kahm Farms LLC/Cannon Springs. NPDES permit SCG731197 authorizes minor industrial discharge to Big Cypress Swamp from Richard Smith/Mallard Farm Mine.

Within the Outlet Waccamaw River-Atlantic Intracoastal Waterway Watershed, there are four (4) active NPDES permitted facilities within the PSA. NPDES permit SCG731291 authorizes minor industrial discharge to Waccamaw River Tributary from AO Hardee & Son/Hwy 707 May Mine. NPDES permit SC0037753 authorizes major domestic discharge to Waccamaw River and Bull Creek from GSW&SA/Schwartz Plant. NPDES permit SC0040886 authorizes minor domestic discharge to Waccamaw River from GSW&SA/Bucksport WWTP.

Within the Socatee Swamp-Waccamaw River Watershed, there are ten (10) active NPDES permitted facilities within the PSA. NPDES permit SCG731299 authorizes minor industrial discharge to Socastee Creek Tributary from Robert O. Collins Co., Inc./Glens Bay Mine. NPDES permit SCG730267 authorizes minor industrial discharge to Waccamaw River Tributary from Robert O. Collins Co., Inc./Lake Ridge Mine. NPDES permit SCG731268 authorizes minor industrial discharge to Waccamaw River Tributary from RE Goodson/CBP PHIV Lake Ridge Mine. NPDES permit SCG731259 authorizes minor industrial discharge to Socastee Creek Tributary from Home Place Farm LLC/Weatherly Mine. NPDES permit SCG730113 authorizes minor industrial discharge to Willow Springs Branch Tributary from Richardson & Sons/Rickys Dirt. NPDES permit SCG731129 authorizes minor industrial discharge to Socastee Swamp Tributary from RCPS Properties/Hwy 501 Mine. NPDES permit SCG730057 authorizes minor industrial discharge to Waccamaw River Tributary from CL Benton & Sons, Inc./Sea Mist Mine. NPDES permit SCG730236 authorizes minor industrial discharge to Socastee Creek Tributary from Robert O. Collins Co., Inc./Forestbrook Mine. NPDES Permit SC0037753 authorizes major domestic discharge to Waccamaw River from GSW&SA/Schwartz Plant. NPDES Permit SC0021733 authorizes major domestic discharge to Bear Swamp from GSW&SA/Conway WWTP.

Within the Great Pee Dee River/Winyah Bay Watershed, there is one (1) active NPDES permitted facility within the PSA. NPDES permit SC0048461 authorizes minor municipal discharge to Great Pee Dee River Tributary from GSW&SA/Yauhannah Tree Farm.

5.4.2 Marinas and State Regulated Dams

There are three (3) marinas registered under the SCDHEC according to the SC Watershed Atlas (accessed December 2022) within the PSA. These include the Osprey Marina located along the Intracoastal Waterway Tributary, the Bucksport Plantation Marina located along the Waccamaw River, and the Hague Marina located along the Intracoastal Waterway. None of the previously mentioned marinas are located within the sixteen (16) alternative corridors.

Dams are regulated under the Dams and Reservoirs Safety Program are classified based on both hazard potential (high, significant, or low) and size (large, intermediate, small, or very small). Three (3) State regulated dams are located within the PSA according to the SC Watershed Atlas (accessed December 2022). These include the Martin Dam, identified as a low hazard Class 3 dam located at Martins Fishing Pond, the Martin Duck Pond Dam, identified as a high hazard Class 1 dam located at Big Cypress Lake, and the Conway Oxidation Pond, identified as a low hazard Class 3 dam located at Lake Busbee. None of the previously mentioned dams are located within the sixteen (16) alternative corridors.

5.5 Water Quality Summary

Mead & Hunt reviewed SCDHEC's Watershed and Water Quality Information, provided by an online query in July 2022. Please refer to **Appendix B, Figure 7-1 through 7-16** mapping for the location of water quality stations that each alternative drain to. **Appendix A, Table 70** provides detailed information on the water quality stations each alternative drains to and whether the station is listed on the 303(d) list.

Due to the existing water quality impairments, a TMDL is approved within the PSA watershed under the DO parameter. SCDHEC may require additional water quality protection and stormwater treatment measures during and after construction. However, the proposed project is not anticipated to contribute to these impairments or have long term impacts on water quality within the impaired watersheds.

During construction activities, temporary siltation may occur in adjacent waters and erosion may occur at a more rapid rate. It is recommended that the contractor minimize this impact through implementation of construction best management practices, reflecting policies contained in 23 CFR 650 B and S.C. Code of Regulations 72-400. The SCDOT has also issued an Engineering Directive Memorandum (Number 23), dated March 10, 2009, regarding Department procedures to be followed in order to ensure compliance with S.C. Code of 72-400, *Standards for Stormwater Management and Sediment Reduction*. Exposed areas may be stabilized by following the Department's Supplemental Technical Specification for Seeding (SCDOT Designation SC-M-810 (11-08)).

6 FLOODPLAINS

Floodplains are low-lying areas adjacent to rivers, streams, and other waterbodies that are susceptible to inundation during rain events. These areas provide important functions in the natural environment, such as providing storage for flood waters, protecting the surrounding environment from erosion, and providing habitat for wildlife. As such, agencies are required to take actions that reduce the risk of impacts to floodplains and their associated floodway or main channel of flow.

Floodplain and floodway protection are required under several federal, state, and local laws, including Executive Order 11988 entitled "Floodplain Management," which requires federal agencies to avoid making modifications to and supporting development in floodplains wherever practical. Floodplains subject to inundation by the one-percent-annual-chance (100 year) flood event are regulated by the Federal Emergency Management Agency (FEMA).

FEMA publishes maps which depict areas of regulated floodplains and floodways. The Flood Insurance Rate Map (FIRM) is the most common of these flood maps. FIRMs depict the boundaries of flood hazard areas and differentiates them by Zone.

Zone A floodplains are areas subject to inundation by the 1-percent-annual-chance flood event and are generally determined using approximate methodologies. Because detailed hydraulic analyses have not been performed, Base Flood Elevations (BFEs) or flood depths are not available for Zone A floodplains.

Zone AE floodplains are areas subject to inundation by the 1-percent-annual-chance flood event and are determined by detailed methods. BFEs are available for Zone AE floodplains and are provided on FIRMs.

Based upon a review of the floodplain mapping and a GIS analysis of the PSA, all sixteen (16) alternative corridors cross FEMA-regulated Zone AE floodplain and floodway; please see **Appendix B, Figure 8a-1 through 8g-6** for the location and extent of regulated floodplains in the vicinity of each alternative corridor.

In accordance with Executive Order 11988, a hydraulic analysis must be conducted for an encroachment of a FEMA-regulated floodplain. The hydraulic analysis is used to determine if the project is likely to increase the risk of flooding within the floodplain. In order to meet the requirements of a "No-Rise" condition, FEMA requires projects which would encroach on Regulated Floodways and Zone AE floodplains to result in a change no greater than 0.1 feet from the established 100-year flood elevations. Furthermore, SCDOT requires all Zone A crossings to be analyzed for the 100-year flood to ensure that the floodplain encroachment does not cause one (1) foot or more of backwater when compared to unrestricted or natural conditions.

The encroachment of the FEMA-regulated floodplains within the PSA are not anticipated to increase the risk of flooding within these floodplains and the proposed project would be designed to meet the "No-Rise" requirements. A preliminary hydraulic analysis will be performed for each encroachment of a FEMA-regulated floodplain and a detailed hydraulic analysis will be performed during final design.

7 THREATENED AND ENDANGERED SPECIES

The Federal Endangered Species Act (ESA) of 1973, as amended, is the federal regulatory tool that serves to administer permits, implement recovery plans, and monitor federally protected (endangered and threatened) species. The ESA is administered and regulated by the U.S. Fish and Wildlife Service (USFWS) and/or National Oceanic and Atmospheric Administration-National Marine Fisheries Service (NOAA-NMFS).

Because of the federal nexus of the proposed project, consultation with the USFWS is required under Section 7 of the ESA, as amended (16 USC 1531-1534), for proposed projects that "may affect" federally endangered and threatened species. This assessment analyzes potential impacts to federally endangered and threatened species associated with the proposed project, and is intended to initiate informal consultation, as needed.

Federal Protected Species - Species with the federal classification of Endangered (E) or Threatened (T) or Threatened due to Similarity of Appearance (T [S/A]) are protected under the ESA of 1973, as amended (16 U.S.C. 1531 et seq.). The term "endangered species" is defined as "any species which is in danger of extinction throughout all or a significant portion of its range," and the term "threatened species" is defined as "any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range" (16 U.S.C. 1532).

The term "Proposed" (P) is defined as "any species proposed for official listing as endangered or threatened." "Candidate" (C) species are taxons under consideration for which there is sufficient information to support listing, but development of a proposed listing regulation is precluded by other higher priority listing activities. "At-Risk

Species" (ARS) is an informal term that refers to those species which may be in need of concentrated conservation actions and have been petitioned for listing as threatened or endangered. The USFWS designations P, C, and ARS do not provide federal protection and require no Section 7 consultation under the ESA. The bald eagle also is no longer protected under the ESA but is afforded federal protection through the Bald and Golden Eagle Protection Act (BGEPA) of 1940. Please see **Appendix C**, for a USFWS List of Federally Protected Species in Horry County, SC and a USFWS Information for Planning and Consultation (IPaC) List of Federally Protected Species in the PSA.

State Protected Species – Animal species that are on the South Carolina state protected species list receive protection under the South Carolina Nongame and Endangered Species Conservation Act (South Carolina Code, Title 50). State endangered species are defined as any species or subspecies of wildlife whose prospects of survival or recruitment within the state are in jeopardy or are likely to be in jeopardy within the foreseeable future. It is unlawful for any person to take, possess, transport, export, process, sell or offer for sale or ship, and for any common or contract carrier knowingly to transport or receive for shipment any species or subspecies of wildlife appearing on the state list of protected species without appropriate authorization. State listed species are gathered from the South Carolina Department of Natural Resources (SCDNR).

Please see **Table 71** below for Federal (USFWS) and State (SCDNR) listed Protected Species in Horry County, SC (accessed December 2022).

TABLE 71: PROTECTED SPECIES IN HORRY COUNTY, SOUTH CAROLINA

PROTECTED SPECIES		PROTECTION	
Common Name	Scientific Name	Federal	State
Bird Species			
Black-capped petrel	*Pterodroma hasitata*	ARS	
American wood stork	*Mycteria americana*	T	E
Bald eagle	*Haliaeetus leucocephalus*	BGEPA	T
Piping plover	*Charadrius melodus*	T, CH	E
Red-cockaded woodpecker	*Picoides borealis*	E	E
Saltmarsh sparrow	*Ammospiza caudacuta*	ARS	-
Red knot	*Calidris canutus rufa*	T, CH	-
Roseate tern	*Sterna dougallii*	E	-
Eastern black rail	*Laterallus jamaicensis jamaicensis*	T	-
Swallow-tailed kite	*Elanoides forficatus*	-	E
Least tern	*Sternula antillarum*	-	T
Fish Species			
Atlantic sturgeon*	*Acipenser oxyrinchus*	E	-
Shortnose sturgeon*	*Acipenser brevirostrum*	E	E
Robust redhorse	*Moxostoma robustum*	ARS	-
Carolina pygmy sunfish	*Elassoma boehlkei*	-	T
Insect Species			
Monarch butterfly	*Danaus plexippus*	C	-
Mammal Species			

PROTECTED SPECIES		PROTECTION	
Common Name	Scientific Name	Federal	State
Northern long-eared bat	*Myotis septentrionalis*	E	-
Tri-colored bat	*Perimyotis subflavus*	ARS	-
Rafinesque's big-eared bat	*Corynorhinus rafinesquii*	-	E
West Indian manatee	*Trichechus manatus*	T, CH	E
Finback whale*	*Balaenoptera physalus*	E	-
Humpback whale*	*Megaptera novaengliae*	E	-
Right whale*	*Balaena glacialis*	E	-
Sei whale*	*Balaenoptera borealis*	E	-
Sperm whale*	*Physeter macrocephalus*	E	-
Plant Species			
American chaffseed	*Schwalbea americana*	E	-
Godfrey's stitchwort	*Minuartia godfreyi*	ARS	-
Canby's Dropwort	*Oxypolis canbyi*	E	-
Pondberry	*Lindera melissifolia*	E	-
Harper's fimbristylis	*Fimbristylis perpusilla*	ARS	-
Carolina-birds-in-a-nest	*Macbridea caroliniana*	ARS	-
Ciliate-leaf tickseed	*Coreopsis integrifolia*	ARS	-
Seabeach amaranth	*Amaranthus pumilus*	T	-
Venus flytrap	*Dionaea muscipula*	ARS*	-
Wire-leaved dropseed	*Sporobolus teretifolius*	ARS	-
Reptile Species			
Green sea turtle**	*Chelonia mydas*	T, CH	-
Kemp's ridley sea turtle**	*Lepidochelys kempii*	E, CH	-
Leatherback sea turtle**	*Dermochelys coriacea*	E, CH	-
Loggerhead sea turtle**	*Caretta caretta*	T, CH	T
Spotted turtle	*Clemmys guttata*	ARS	T
Snapping turtle	*Chelydra serpentina*	-	R
Chicken turtle	*Deirochelys reticularia*	-	R
Southern hognose snake	*Heterodon simus*	-	T
Striped mud turtle	*Kinosternon baurii*	-	R
Eastern mud turtle	*Kinosternon subrubrum*	-	R
Diamond-baked terrapin	*Malaclemys terrapin*	-	R
Eastern musk turtle	*Sternotherus odoratus*	-	R
Eastern box turtle	*Terrapene Carolina*	-	R

E = Endangered, T = Threatened, ARS = At Risk Species, C = Candidate, CH = Critical Habitat BGEPA = Bald and Golden Eagle Protection Act, R = Regulated
** Species is under the jurisdiction of the National Marine Fisheries Service (NMFS)*
***The USFWS and NMFS share jurisdiction of this species*
*ARS*Species that are either former Candidate Species or are emerging conservation priority species*

State and/or federally listed endangered and threatened species and their respective habitats are briefly described below:

American wood stork (*Mycteria americana*) – Federally Threatened / State Endangered

The American wood stork is a large, long-legged wading bird, approximately 45 inches in height with a wingspan of 60 to 65 inches. The species has mostly white plumage, excluding the black trailing edges of the wings and tail. The neck and head are primarily un-feathered with greyish black skin. The bill is black, thick at the base, and curves downward. The American wood stork prefers freshwater and estuarine wetlands for breeding, feeding, and roosting. These birds are colonial nesters with colonies that range from less than 12 to more than 500 nests. Nests can be located in small or large trees, typically occurring in trees found in standing water or on small islands. Feeding often occurs in water 6 to 10 inches deep.

Bald eagle (*Haliaeetus leucocephalus*) – Bald and Golden Eagle Protection Act / State Threatened

The bald eagle is a large raptor, with a wingspan of approximately seven feet, and mainly dark brown in color. Adults have a pure white head and tail. This species nests in large, mature live pine or cypress trees. Nests are typically large, up to six feet in width, and constructed of sticks and soft materials, such as dead vegetation, grass, and pine needles. Nesting trees are usually found within two miles of coasts, rivers, and lakes, near the bodies of water in which it feeds. The bald eagle primarily feeds on fish but also preys on a variety of bird, mammals, and turtles when fish are not readily available.

Piping Plover (*Charadrius melodus*) – Federally Threatened, State Endangered

The piping plover is a small shorebird approximately 6.5 inches long. This plover is sandy colored with white underparts and a black band around the forehead and chest. During the non-breeding season, the piping plover's distinct bands fade, the legs change from orange to yellow, and the bill changes from orange to black. Piping plovers nest on sandy beaches with sparse vegetation above the high water line. In the winter, they forage on coastal areas including mudflats, sand flats and coastlines.

Red-cockaded woodpecker (*Picoides borealis*) – Federally Endangered / State Endangered

Adult red-cockaded woodpeckers are approximately 7 to 8 inches long with a wingspan of 13 to 15 inches. Adults have a black cap, throat, and stripe on the side of the neck with white cheeks and underparts. The back is barred with black and white horizontal stripes. Adult males have a small red spot on each side of the black cap. The bird is native to southern pine forests and typically nests within open pine stands with trees 80 years or older. Roosting cavities are excavated within live pines, which are often infected with a fungus, which causes what is known as red-heart disease. Foraging may occur in pine and/or mixed pine/hardwood stands 30 years or older with trees 10 inches or larger in diameter at breast height (dbh).

Red knot (*Calidris canutus rufa*) – Federally Threatened

The rufa red knot is a subspecies of large shorebird approximately 25-28 inches long with a 20-22 inch wingspan and a relatively short straight bill and short thick legs. This species is distinguished by the reddish head and breast during breeding season. Most of the year the species is gray and heavily mottled with shades ranging from white to black on the back and wings and white underbelly. A seasonal migrant to the Carolinas, the red knot requires specific wintering and migration stopover areas comprised of marine and estuarine intertidal areas. Supra-tidal sandy habitats of inlets provide the best habitat. Because this species migrates in large groups, suitable habitat must be large enough to accommodate large numbers of foraging shorebirds.

Roseate tern (*Sterna dougallii*) Federally Endanagered

The roseate tern is a slender, delicately built seabird with a straight, thin, pointed bill, long, pointed wings and a very long, forked tail that extends beyond the wingtips when the bird is at rest. This species nests on island beaches of sand, pebbles, or shells, often near low vegetation. It forages in ocean waters from coastlines to deep water.

Eastern black rail (*Laterallus jamaicensis jamaicensis*) – Federally Threatened

Black rails nest in marshes and wet meadows, including riparian marshes, coastal prairies, saltmarshes, and impounded wetlands. All of its habitat have stable shallow water, usually just 1.2 inches deep at most. On the Atlantic and Gulf coasts, black rails nest in the higher, drier parts of marshes, where tidal activity is least and where different types of grasses, sedges, and rushes occur in mosaic-like patches. Key plants in these habitats include saltmeadow hay (*Spartina patens*), sand cordgrass (*Spartina bakeri)*, saltgrass (*Distichlis spicata*), needlerush species (*Juncus spp.*), and various species of pickleweed (*Saliconia spp.*).

Swallow-tailed kite (*Elanoides forficatus*) – State Endangered

The American swallow-tailed kite is a medium-sized migratory raptor that weighs just over a pound and has a 4-foot wingspan. This species is contrastingly black and white, where black coloring dominates the underside of its wing edges and tail feathers and the dorsal side of the body, and white coloration occupies the underside and head. This kite is distinguished by its slender body, long forked tail, and striking black and white coloration. American swallow-tailed kites are aerial hunters, feeding on insects, reptiles, and other birds. This species prefers large tracts of forested wetlands for nesting and foraging. Nesting birds occupy the top branches of tall trees within its chosen habitat. Common nesting trees include loblolly pine, bald cypress, and water tupelo. American swallow-tailed kites can be found in the early spring- summer in South Carolina.

Least tern (*Sterna antillarum*) – State Threatened

The smallest of the North American tern species, the least tern measures approximately 9 inches long with a 20-inch wingspan. Least terns are sexually monomorphic, with both males and females exhibiting grey plumage on their backs and wings, a white chest and undersection, and black caps and eye stripes. Least terns can be distinguished by their small size, yellow feet, and yellow bills with black tips. Least terns prefer sandy beaches, with ample shells and pebbles, near open water for nesting and foraging. These birds are colony nesters and lay eggs in small scrapes directly on the sandy beach or sometimes on roofs with pebbles when beaches are not abundant.

Atlantic sturgeon (*Acipenser oxyrinchus*) – Federally Endangered

The Atlantic sturgeon is an anadromous fish species which spends most of the year in brackish or salt water, and then moves into freshwater only to spawn during the spring. The Atlantic sturgeon is distinguished by its large body size, small mouth, and snout shape and scutes. The Atlantic sturgeon can grow up to 14 feet in length and weigh as much as 800 pounds. The Atlantic sturgeon is bluish-black or olive brown on the dorsal side and has paler sides and a white abdomen. The sides of the body exhibit five rows of scutes.

Shortnose sturgeon (*Acipenser brevirostrum*) – Federally Endangered / State Endangered
The shortnose sturgeon is an anadromous fish species which spends most of the year in brackish or salt water, and then moves into freshwater only to spawn during the spring. They are the smallest of three sturgeon species that occur in eastern North America. The shortnose sturgeon can grow up to 4.7 feet in length and can weigh up to 50 pounds. The shortnose sturgeon is dark-colored on its dorsal side and light on the ventral side and has a wide mouth pointed downward beneath a short snout. The sides of its body contain five rows of sharp, pointed plates, or scutes. The shortnose sturgeon inhabits the lower portions of large rivers and coastal rivers along the Atlantic Coast.

Carolina pygmy sunfish (*Elassoma boehlkei*) – State Threatened
The Carolina pygmy sunfish lacks a lateral line, has a relatively large eye, an upturned mouth, and a rounded caudal fin. Males of the species display alternating blue and black bars along their sides. The bars on the females alternate between dark brown and light brown. This specie inhabits slow-moving acidic waters of ponds, ditches, and streams in the coastal plain. This species is associated with abundant aquatic vegetation and shallow water.

Northern long-eared bat (*Myotis septentrionalis*) – Federally Endangered
The northern long-eared bat is a medium-sized bat with a total body length of approximately 3 to 3.7 inches and a wingspan of 9 to 10 inches. Their fur color can be medium to dark brown on the back and tawny to pale brown on the underside. The species is distinguished by its long ears, which when pushed forward, extend at least 4 millimeters past its nose. During the winter months, the northern long-eared bat can be found hibernating in caves and mines. They use areas in various sized caves or mines with constant temperatures, high humidity, and no air currents. During the summer, northern long-eared bats roost underneath bark, in cavities, or in crevices of both live and dead trees. Individuals of the species have also been found rarely roosting in structures, like barns and sheds.

Rafinesque's big-eared bat (*Corynorhinus rafinesquii*) – State Endangered
The Rafinesque's big-eared bat is a small bat, approximately 3 to 4 inches long with a wingspan that ranges from 10 to 12 inches. This species is distinguishable by its large ears which, when laid back, are almost half the length of the animal's body. The Rafinesque's big-eared bat is grey/brown on top and silvery on the bottom. The species inhabits the southeastern United States and will hibernate rather than migrate. Rafinesque's big-eared bat characteristically roots in dilapidated buildings or tree cavities near water and have been known to day-roost under bridges.

West Indian manatee (*Trichechus manatus*) – Federally Threatened / State Endangered
The West Indian manatee is a large aquatic mammal approximately 10 feet long and weighing 800-1,200 pounds. The manatee ranges in color from grey to light brown and has wrinkled skin covered sparsely with hairs. The West Indian manatee prefers shallow, slow-moving waters of rivers, estuaries, and saltwater bays. The West Indian manatee can move between both salt and freshwater habitats but prefers freshwater.

Finback whale (*Balaenoptera physalus*) – Federally Endangered
Finback whales are the second largest mammals on earth. They can grow to 65 feet long and weigh 77 tons. Fin whales can be distinguished by their long lean bodies, brown, grey dorsal surface, and deep white undersides.

The dorsal fin is 19 inches in height and found relatively far back on the body. Fin whales inhabit the temperate and polar zones of all major oceans and open seas. They tend to live in coastal and shelf waters, but none less than 200 meters deep.

Humpback Whale (*Megaptera novaengliae*) – Federally Endangered
The humpback whale can grow up to 60 feet in length and weigh up to 40 tons. Humpback whales are black on their dorsal side and mottled black and white on their underside. Distinguishing ventral pleats run from the jaw to the belly. Humpback whales are found in oceans all over the world and migrate large distances between feeding and mating regions.

Right Whale (*Balaena glacialis*) – Federally Endangered
Right whales have a stocky black body with some irregular white patches on the stomach and chest, and no dorsal fin. They can grow to be approximately 52 feet in length. Right whales can be distinguished by their raised patches of rough skin on their heads. North Atlantic right whales live in coastal Atlantic waters close to the continental shelf for most of their life.

Sei whale (*Balaenoptera borealis*) – Federally Endangered
The sei whale is identified by a dorsal fin, 38-56 ventral grooves, and two rows of 300-380 baleen plates. The species is dark grey or bluish grey on the back and sides, with a greyish white area on the ventral grooves of the lower jaw and underbelly. They are found in open oceans, migrating from November to February in the Northern Hemisphere and from May to July in the Southern Hemisphere.

Sperm whale (*Physeter macrocephalus*) – Federally Endangered
The sperm whale is dark grey in color, has a hump rather than a dorsal fin, and usually displays their tail flukes when they dive. Their skin is wrinkled to increase surface area for heat loss, giving them a shriveled look. Their heads make up one-third of their body length and are squarish in shape. They have a single, S-shaped blowhole located far forward and to the left of their head, which produces a distinctive angled spout or blow. Sperm whales live in every ocean in the world but stay away from extremely cold waters.

American chaffseed (*Schwalbea americana*) - Federally Endangered
American chaffseed is an erect perennial herb that is both parasitic and photosynthetic, producing their own food and feeding off the roots of a host plant. Leaves are alternate, fixed, and ascend in an overlapping spiral. The leaves, stem, and flowers are hairy throughout, and the stem branches off only at the base of the plant. The flowers are reddish purple and five lobed, and flower from April to June. The American chaffseed is fire or disturbance dependent and grows mainly in fire maintained longleaf pine flatwoods and savannahs in transitional areas between wetland and upland soils.

Canby's dropwort (*Oxypolis canbyi*) – Federal Endangered
Canby's dropwort is a perennial herbaceous plant with tuberous roots and pale, fleshy rhizomes, and erect stems up to 39 inches tall. The stems may be purplish at the base, and the leaves resemble quills. The flowers are small and white with 5 petals and grow in umbels or flat-topped clusters. Canby's dropwort grows in moist areas in the

coastal plain and sandhills, including wet meadows, wet pineland savannas, ditches, sloughs, and around the edges of Cypress-pine ponds. The plant seems to be more prolific when the habitat has been burned.

Pondberry (*Lindera melissifolia*) – Federally Endangered

The pondberry is a deciduous shrub approximately 6 feet tall at maturity. Pale yellow flowers appear in the spring before leaves reemerge. Fruits are oval shaped and half an inch long, turning from green in the summer, to bright red in the fall. The pondberry is distinguished by its drooping foliage, obtuse to rounded leaf base, and conspicuous venation. The leaves give off a sassafras-like odor when crushed. The pondberry is associated with wetland and bottomland habitats on the margins of sinks, ponds, and depressions.

Seabeach amaranth (*Amaranthus pumilus*) – Federally Threatened

The seabeach amaranth is an annual herb that is low growing and reaches a length of 4 inches by the end of the growing season. Leaves are thick and fleshy, spinach green, oval in shape, with a hollow notch at the tip. Habitat for the seabeach amaranth includes sandy beaches often of coastal or barrier islands in the foredune area above high tide line on non-eroding beaches. Seabeach amaranth is commonly found with sea rocket (*Cakile spp*.), Carolina saltwort (*Batis maritima*), and seashore elder (*Iva imbricata*). This species does not tolerate competition well and is not found in thickly vegetated areas.

Green sea turtle (*Chelonia mydas*) – Federally Threatened

Green sea turtle is one of the largest species of sea turtle reaching a size of 4 feet and weighing up to 440 pounds. It is characterized by a heart-shaped shell, a small head, and flippers with a single claw. The carapace is dark and smooth on the dorsal surface and light on the ventral surface. The green sea turtle occupies three main habitats including high-energy oceanic beaches, pelagic convergence zones, and benthic feeding grounds in shallow protected waters. These shallow water habitats are saltwater ecosystems containing a high abundance of algae and sea grass.

Kemp's Ridley sea turtle (*Lepidochelys kempii*) – Federally Endangered

Kemp's ridley sea turtles are some the smallest sea turtles with an adult size of 2 feet long and weight of roughly 100 pounds. It has an oval carapace that is normally olive-gray in color. The Kemp's ridley sea turtle has a triangular shaped head with a large, hooked beak. The diet of this turtle consists mostly of crabs; therefore, it is mostly found in near or inshore waters with muddy or sandy bottoms.

Leatherback sea turtle (*Dermochelys coriacea*) – Federally Endangered

The leatherback sea turtle is the largest of the sea turtles approximately 5 feet long and weighing 1,000 pounds. Unlike other turtles, the leatherback has a leathery shell with hard longitudinal ridges along it. This species is highly migratory, with one of the largest geographic distributions of any reptile. Leatherback sea turtles are found in South Carolina in concentrations from April to June following the migration of cannonball jellyfish (*Stomolophus meleagris*). Nesting females prefer high-energy beaches with deep unobstructed access to the ocean. Nesting in South Carolina is rare.

Loggerhead sea turtle (*Caretta caretta*) – Federally / State Threatened

The loggerhead sea turtle are approximately 3 feet long and weigh 250 pounds. They are reddish brown on their carapace, head, and the dorsal side of the flippers, and yellow on the plastron, neck, ventral side of the flippers and margins of the head. During the nesting season, May through mid-August, many loggerhead sea turtles congregate in coastal areas of South Carolina, nesting between the high tide mark and the primary dune front. Juveniles can be found in near coastal foraging grounds and in estuaries.

Spotted turtle (*Clemmys guttata*) – State Threatened
The spotted turtle is a small semi-aquatic turtle reaching sizes of 3.5-4.3 inches. The species has a black carapace, as well as a black head and neck, with small yellow-orange spots throughout. The species can be found in and surrounding natural intact ponds, streams, and rivers, as well as wetland and inundated areas of the coastal plain.

Southern hognose snake (*Heterodon simus*) – State Threatened
The southern hognose snake is a small snake approximately 14–20 inches in length with a distinctive upturned snout. The snake is typically tan-brown with darker blotches running down its back. The southern hognose snake inhabits sandhills, pine flatwoods, and coastal dunes.

7.1 Methodology

Due to the preliminary stage of analysis for the SELL project, no field reviews were conducted within each alternative corridor. A desktop review for any observed sighting of Federal or State listed protected species was conducted December 2022 using the South Carolina Natural Heritage Database. The PSA was analyzed within the context of all sixteen (16) alternative corridors.

7.2 Results

Based on initial desktop review, several sightings of protected species were identified. These include the following:

1. **Bald Eagle** was observed in 2022 at Lake Busbee, within 1 mile of Alternative Corridors 14-16.
2. **American chaffseed** was observed in 1954 (possibly extirpated now) just east of SC 544 and just south of US 378. This observed sighting is located right within Alternative Corridors 15 and 16. Another American chaffseed sighting was observed in 1985 (possibly historic) west of US 17 and just south of Freewoods Road. No alternative corridor is located at this sighting.
3. **Rafinesque's big-eared bat** roost was observed in 2022 along US 701 at the southernmost portion of the PSA. No alternative corridor is located at this sighting.

7.3 Environmental Commitments

In the event additional species are listed as federally threatened or endangered prior to the construction of the project, Horry County will consult with USFWS on the results of the surveys performed, if necessary, and will follow any USFWS regulations/requirements resulting from that consultation.

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APPENDIX A

TABLES

TABLE 2: ALTERNATIVE 1 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 1					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	158.4	15.00%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	6.2	0.60%
Br	Brookman loam	100	Farmland of statewide importance	7	0.70%
Ce	Centenary fine sand	4	Not prime farmland	10.8	1.00%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	21.3	2.00%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	74.2	7.00%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	61.9	5.80%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.70%
Jo	Johnston loam	100	Not prime farmland	4.4	0.40%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	44.5	4.20%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	121.2	11.50%

ALTERNATIVE 1					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Le	Leon fine sand	100	Not prime farmland	22.2	2.10%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	6.8	0.60%
Ly	Lynn Haven sand	100	Not prime farmland	31.5	3.00%
Me	Meggett loam	100	Farmland of statewide importance	18.6	1.80%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	37.4	3.50%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	66	6.20%
Os	Osier loamy sand	100	Not prime farmland	4.1	0.40%
Po	Pocomoke fine sandy loam	100	Not prime farmland	14.3	1.40%
Ru	Rutlege loamy sand	100	Not prime farmland	13.8	1.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	9.8	0.90%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	20	1.90%
W	Water	0	Not prime farmland	4.4	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	18.8	1.80%
We	Witherbee sand	6	Not prime farmland	8.6	0.80%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	32.4	3.10%

ALTERNATIVE 1					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	87.7	8.30%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	86.8	8.20%
TOTALS FOR AREA OF INTEREST:				**1,058.00**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 3: ALTERNATIVE 2 SOIL AND FARMLAND CLASSIFICATION

ALTERNATIVE 2					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	159.3	15.20%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	6.2	0.60%
Br	Brookman loam	100	Farmland of statewide importance	5.6	0.50%
Ce	Centenary fine sand	4	Not prime farmland	10.8	1.00%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	24.1	2.30%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	74.2	7.10%

ALTERNATIVE 2					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	61.9	5.90%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.80%
Jo	Johnston loam	100	Not prime farmland	4.4	0.40%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	44.5	4.20%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	121.2	11.60%
Le	Leon fine sand	100	Not prime farmland	22.5	2.10%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	6.8	0.70%
Ly	Lynn Haven sand	100	Not prime farmland	32.6	3.10%
Me	Meggett loam	100	Farmland of statewide importance	26.9	2.60%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	37.4	3.60%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	50.9	4.90%
Os	Osier loamy sand	100	Not prime farmland	4.1	0.40%
Po	Pocomoke fine sandy loam	100	Not prime farmland	14.3	1.40%
Ru	Rutlege loamy sand	100	Not prime farmland	13.8	1.30%

ALTERNATIVE 2					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	9.8	0.90%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	20	1.90%
W	Water	0	Not prime farmland	4.4	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	20.6	2.00%
We	Witherbee sand	6	Not prime farmland	8.6	0.80%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	32.4	3.10%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	88.9	8.50%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	77.5	7.40%
TOTALS FOR AREA OF INTEREST:				**1,048.60**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 4: ALTERNATIVE 3 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 3					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	159.8	15.20%

ALTERNATIVE 3					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	5.2	0.50%
Br	Brookman loam	100	Farmland of statewide importance	7	0.70%
Ce	Centenary fine sand	4	Not prime farmland	34.4	3.30%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	76.8	7.30%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	78.6	7.50%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	8.3	0.80%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	27.5	2.60%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	18.9	1.80%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.80%
Jo	Johnston loam	100	Not prime farmland	11.3	1.10%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	42.6	4.10%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	24.8	2.40%

ALTERNATIVE 3					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
Le	Leon fine sand	100	Not prime farmland	21.2	2.00%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	3.2	0.30%
Ly	Lynn Haven sand	100	Not prime farmland	52	5.00%
Me	Meggett loam	100	Farmland of statewide importance	28.8	2.70%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	30.3	2.90%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	60.2	5.70%
Os	Osier loamy sand	100	Not prime farmland	6.1	0.60%
Po	Pocomoke fine sandy loam	100	Not prime farmland	13.8	1.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	6.3	0.60%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%
W	Water	0	Not prime farmland	4.2	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	79.4	7.60%
We	Witherbee sand	6	Not prime farmland	8	0.80%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	20.3	1.90%

ALTERNATIVE 3					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	61	5.80%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	75.6	7.20%
TOTALS FOR AREA OF INTEREST:				**1,047.80**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 5: ALTERNATIVE 4 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 4					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	160.7	15.50%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	5.2	0.50%
Br	Brookman loam	100	Farmland of statewide importance	5.6	0.50%
Ce	Centenary fine sand	4	Not prime farmland	34.4	3.30%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	79.7	7.70%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	78.6	7.60%

ALTERNATIVE 4					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	8.3	0.80%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	27.5	2.70%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	18.9	1.80%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.80%
Jo	Johnston loam	100	Not prime farmland	11.3	1.10%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	42.6	4.10%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	24.8	2.40%
Le	Leon fine sand	100	Not prime farmland	21.5	2.10%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	3.2	0.30%
Ly	Lynn Haven sand	100	Not prime farmland	53.2	5.10%
Me	Meggett loam	100	Farmland of statewide importance	37.1	3.60%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	30.3	2.90%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	45.2	4.40%
Os	Osier loamy sand	100	Not prime farmland	6.1	0.60%

ALTERNATIVE 4					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Po	Pocomoke fine sandy loam	100	Not prime farmland	13.8	1.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	6.3	0.60%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%
W	Water	0	Not prime farmland	4.2	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	81.2	7.80%
We	Witherbee sand	6	Not prime farmland	8	0.80%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	20.3	2.00%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	62.2	6.00%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	66.3	6.40%
TOTALS FOR AREA OF INTEREST:				**1038.4**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 6: ALTERNATIVE 5 SOILS AND FARMLANDS CLASSIFICATION

ALTERNATIVE 5					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	128	12.00%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	5.2	0.50%
Br	Brookman loam	100	Farmland of statewide importance	7	0.70%
Ce	Centenary fine sand	4	Not prime farmland	4.8	0.50%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	72.3	6.80%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	85.5	8.00%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	8.3	0.80%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	27.5	2.60%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	23.1	2.20%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.70%
Jo	Johnston loam	100	Not prime farmland	9.6	0.90%

ALTERNATIVE 5					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	21.8	2.00%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	23.7	2.20%
Le	Leon fine sand	100	Not prime farmland	21.2	2.00%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	3.2	0.30%
Ly	Lynn Haven sand	100	Not prime farmland	37.1	3.50%
Me	Meggett loam	100	Farmland of statewide importance	28.8	2.70%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	30.3	2.80%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	94.7	8.90%
Po	Pocomoke fine sandy loam	100	Not prime farmland	13.8	1.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	6.3	0.60%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%
W	Water	0	Not prime farmland	4.2	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	65.2	6.10%
We	Witherbee sand	6	Not prime farmland	8	0.70%

ALTERNATIVE 5					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	20.3	1.90%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	124.8	11.70%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	110.8	10.40%
TOTALS FOR AREA OF INTEREST:				**1,067.40**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 7: ALTERNATIVE 6 SOILS AND FARMLANDS CLASSIFICATION

ALTERNATIVE 6					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	128.9	12.20%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	5.2	0.50%
Br	Brookman loam	100	Farmland of statewide importance	5.6	0.50%
Ce	Centenary fine sand	4	Not prime farmland	4.8	0.50%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	75.1	7.10%

ALTERNATIVE 6					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	85.5	8.10%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	8.3	0.80%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	27.5	2.60%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	23.1	2.20%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.70%
Jo	Johnston loam	100	Not prime farmland	9.6	0.90%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	21.8	2.10%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	23.7	2.20%
Le	Leon fine sand	100	Not prime farmland	21.5	2.00%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	3.2	0.30%
Ly	Lynn Haven sand	100	Not prime farmland	38.2	3.60%
Me	Meggett loam	100	Farmland of statewide importance	37.1	3.50%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	30.3	2.90%

ALTERNATIVE 6					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	79.7	7.50%
Po	Pocomoke fine sandy loam	100	Not prime farmland	13.8	1.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	6.3	0.60%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%
W	Water	0	Not prime farmland	4.2	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	66.9	6.30%
We	Witherbee sand	6	Not prime farmland	8	0.80%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	20.3	1.90%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	126	11.90%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	101.5	9.60%
TOTALS FOR AREA OF INTEREST:				**1,058.00**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 8: ALTERNATIVE 7 SOILS AND FARMLANDS CLASSIFICATION

ALTERNATIVE 7					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	30.6	4.00%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	5.2	0.70%
Ce	Centenary fine sand	4	Not prime farmland	9.7	1.30%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.50%
Ec	Echaw sand	4	Not prime farmland	57.6	7.50%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	79.3	10.30%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	8.3	1.10%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	27.5	3.60%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	27.9	3.60%
Hy	Hobonny muck	100	Not prime farmland	57.7	7.50%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	34.1	4.40%
Le	Leon fine sand	100	Not prime farmland	64	8.30%

ALTERNATIVE 7					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	3.2	0.40%
Ly	Lynn Haven sand	100	Not prime farmland	27.9	3.60%
Me	Meggett loam	100	Farmland of statewide importance	39.6	5.10%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	30.3	3.90%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	28.5	3.70%
Po	Pocomoke fine sandy loam	100	Not prime farmland	13.8	1.80%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	6.3	0.80%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	2.20%
W	Water	0	Not prime farmland	3	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	58.6	7.60%
We	Witherbee sand	6	Not prime farmland	8	1.00%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	20.3	2.60%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	72.5	9.40%

ALTERNATIVE 7					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	17.3	2.20%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	18.8	2.40%
TOTALS FOR AREA OF INTEREST:				**771.70**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 9: ALTERNATIVE 8 SOILS AND FARMLANDS CLASSIFICATION

ALTERNATIVE 8					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	53.8	7.20%
Ce	Centenary fine sand	4	Not prime farmland	15.2	2.00%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.60%
Ec	Echaw sand	4	Not prime farmland	28.7	3.90%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	37.3	5.00%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	22.7	3.00%

ALTERNATIVE 8					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	5.1	0.70%
Hy	Hobonny muck	100	Not prime farmland	57.7	7.70%
Jo	Johnston loam	100	Not prime farmland	2.6	0.40%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	23.1	3.10%
Le	Leon fine sand	100	Not prime farmland	76.9	10.30%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	19.7	2.60%
Ly	Lynn Haven sand	100	Not prime farmland	25.8	3.50%
Me	Meggett loam	100	Farmland of statewide importance	59.2	7.90%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	32.8	4.40%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	25	3.40%
Po	Pocomoke fine sandy loam	100	Not prime farmland	1.8	0.20%
Ru	Rutlege loamy sand	100	Not prime farmland	3.6	0.50%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	5	0.70%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	2.30%

ALTERNATIVE 8					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
W	Water	0	Not prime farmland	3	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	60.8	8.20%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	12.4	1.70%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	78.3	10.50%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	54.2	7.30%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	18.8	2.50%
TOTALS FOR AREA OF INTEREST:				**745.00**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 10: ALTERNATIVE 9 SOILS AND FARMLANDS CLASSIFICATION

ALTERNATIVE 9					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	64	8.60%
Ce	Centenary fine sand	4	Not prime farmland	16.8	2.20%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%

ALTERNATIVE 9					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.60%
Ec	Echaw sand	4	Not prime farmland	23.5	3.10%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	37.3	5.00%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	22.7	3.00%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	4.8	0.60%
Hy	Hobonny muck	100	Not prime farmland	57.7	7.70%
Jo	Johnston loam	100	Not prime farmland	8.6	1.10%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	23.1	3.10%
Le	Leon fine sand	100	Not prime farmland	76.9	10.30%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	19.7	2.60%
Ly	Lynn Haven sand	100	Not prime farmland	25.8	3.50%
Me	Meggett loam	100	Farmland of statewide importance	59.2	7.90%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	32.8	4.40%

ALTERNATIVE 9					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	23.4	3.10%
Po	Pocomoke fine sandy loam	100	Not prime farmland	1.3	0.20%
Ru	Rutlege loamy sand	100	Not prime farmland	3.6	0.50%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	5.4	0.70%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	2.30%
W	Water	0	Not prime farmland	3.2	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	60.8	8.10%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	12.4	1.70%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	81.8	11.00%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	41.6	5.60%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	18.8	2.50%
TOTALS FOR AREA OF INTEREST:				**746.60**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 11: ALTERNATIVE 10 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 10					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	149.1	13.80%
Br	Brookman loam	100	Farmland of statewide importance	7	0.60%
Ce	Centenary fine sand	4	Not prime farmland	10.3	1.00%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	43.4	4.00%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	93	8.60%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	22.7	2.10%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	0.3	0.00%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.60%
Jo	Johnston loam	100	Not prime farmland	12.3	1.10%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	18.8	1.70%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	23.7	2.20%

ALTERNATIVE 10					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Le	Leon fine sand	100	Not prime farmland	34.1	3.10%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	19.7	1.80%
Ly	Lynn Haven sand	100	Not prime farmland	35	3.20%
Me	Meggett loam	100	Farmland of statewide importance	60.3	5.60%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	32.8	3.00%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	87.6	8.10%
Po	Pocomoke fine sandy loam	100	Not prime farmland	1.8	0.20%
Ru	Rutlege loamy sand	100	Not prime farmland	3.6	0.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	5	0.50%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%
W	Water	0	Not prime farmland	4.2	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	58.8	5.40%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	12.4	1.10%

ALTERNATIVE 10					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	120.9	11.10%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	142.1	13.10%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	3.7	0.30%
TOTALS FOR AREA OF INTEREST:				**1,084.40**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 12: ALTERNATIVE 11 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 11					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	159.3	14.70%
Br	Brookman loam	100	Farmland of statewide importance	7	0.60%
Ce	Centenary fine sand	4	Not prime farmland	11.9	1.10%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	38.2	3.50%

ALTERNATIVE 11					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	93	8.60%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	22.7	2.10%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.60%
Jo	Johnston loam	100	Not prime farmland	18.2	1.70%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	18.8	1.70%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	23.7	2.20%
Le	Leon fine sand	100	Not prime farmland	34.1	3.10%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	19.7	1.80%
Ly	Lynn Haven sand	100	Not prime farmland	35	3.20%
Me	Meggett loam	100	Farmland of statewide importance	60.3	5.60%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	32.8	3.00%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	86	7.90%
Po	Pocomoke fine sandy loam	100	Not prime farmland	1.3	0.10%
Ru	Rutlege loamy sand	100	Not prime farmland	3.6	0.30%

ALTERNATIVE 11					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	5.4	0.50%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%
W	Water	0	Not prime farmland	4.4	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	58.8	5.40%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	12.4	1.10%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	124.4	11.50%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	129.5	11.90%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	3.7	0.30%
TOTALS FOR AREA OF INTEREST:				**1,085.90**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 13: ALTERNATIVE 12 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 12					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	150	14.00%

ALTERNATIVE 12					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Br	Brookman loam	100	Farmland of statewide importance	5.6	0.50%
Ce	Centenary fine sand	4	Not prime farmland	10.3	1.00%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	46.2	4.30%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	93	8.70%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	22.7	2.10%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	0.3	0.00%
Hy	Hobonny muck	100	Not prime farmland	60.3	5.60%
Jo	Johnston loam	100	Not prime farmland	12.3	1.10%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	18.8	1.70%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	23.7	2.20%
Le	Leon fine sand	100	Not prime farmland	34.3	3.20%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	19.7	1.80%

ALTERNATIVE 12					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Ly	Lynn Haven sand	100	Not prime farmland	36.1	3.40%
Me	Meggett loam	100	Farmland of statewide importance	68.6	6.40%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	32.8	3.10%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	72.6	6.80%
Po	Pocomoke fine sandy loam	100	Not prime farmland	1.8	0.20%
Ru	Rutlege loamy sand	100	Not prime farmland	3.6	0.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	5	0.50%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%
W	Water	0	Not prime farmland	4.2	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	60.6	5.60%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	12.4	1.20%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	122.1	11.40%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	132.8	12.40%

ALTERNATIVE 12					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	3.7	0.30%
TOTALS FOR AREA OF INTEREST:				1,075.00	100.00%

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 14: ALTERNATIVE 13 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 13					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	160.2	14.90%
Br	Brookman loam	100	Farmland of statewide importance	5.6	0.50%
Ce	Centenary fine sand	4	Not prime farmland	11.9	1.10%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.2	0.00%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.1	0.40%
Ec	Echaw sand	4	Not prime farmland	41	3.80%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	93	8.60%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	22.7	2.10%

ALTERNATIVE 13					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Hy	Hobonny muck	100	Not prime farmland	60.3	5.60%
Jo	Johnston loam	100	Not prime farmland	18.2	1.70%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	18.8	1.70%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	23.7	2.20%
Le	Leon fine sand	100	Not prime farmland	34.3	3.20%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	19.7	1.80%
Ly	Lynn Haven sand	100	Not prime farmland	36.1	3.40%
Me	Meggett loam	100	Farmland of statewide importance	68.6	6.40%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	32.8	3.00%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	70.9	6.60%
Po	Pocomoke fine sandy loam	100	Not prime farmland	1.3	0.10%
Ru	Rutlege loamy sand	100	Not prime farmland	3.6	0.30%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	5.4	0.50%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	16.9	1.60%

ALTERNATIVE 13					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
W	Water	0	Not prime farmland	4.4	0.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	60.6	5.60%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	12.4	1.20%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	125.6	11.70%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	120.2	11.20%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	3.7	0.30%
TOTALS FOR AREA OF INTEREST:				**1,076.50**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 15: ALTERNATIVE 14 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 14					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	20.2	2.30%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	2.4	0.30%
Ce	Centenary fine sand	4	Not prime farmland	56	6.40%

ALTERNATIVE 14					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.9	0.10%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	3.7	0.40%
Ec	Echaw sand	4	Not prime farmland	97.8	11.20%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	55.8	6.40%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	9.5	1.10%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	11.7	1.30%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	24.2	2.80%
Hy	Hobonny muck	100	Not prime farmland	0.1	0.00%
Jo	Johnston loam	100	Not prime farmland	38	4.40%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	26.4	3.00%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	46.3	5.30%
Le	Leon fine sand	100	Not prime farmland	9.1	1.00%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	6.4	0.70%
Ly	Lynn Haven sand	100	Not prime farmland	33.6	3.90%

ALTERNATIVE 14					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Me	Meggett loam	100	Farmland of statewide importance	27.7	3.20%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	26.9	3.10%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	19.1	2.20%
Os	Osier loamy sand	100	Not prime farmland	5.4	0.60%
Po	Pocomoke fine sandy loam	100	Not prime farmland	10.1	1.20%
Ru	Rutlege loamy sand	100	Not prime farmland	1.3	0.10%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.4	0.50%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	2.8	0.30%
Ud	Udorthents and Udipsamments, well drained	0	Not prime farmland	5.4	0.60%
W	Water	0	Not prime farmland	7.7	0.90%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	57	6.50%
We	Witherbee sand	6	Not prime farmland	14.9	1.70%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	9.2	1.10%

ALTERNATIVE 14					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	155.8	17.90%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	68.3	7.80%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	12.1	1.40%
TOTALS FOR AREA OF INTEREST:				**870.30**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 16: ALTERNATIVE 15 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 15					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	21.3	2.30%
BnA	Blanton sand, 0 to 6 percent slopes	3	Not prime farmland	2.4	0.30%
Ce	Centenary fine sand	4	Not prime farmland	60.8	6.60%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.9	0.10%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	3.7	0.40%
Ec	Echaw sand	4	Not prime farmland	146	15.80%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	55.8	6.00%

ALTERNATIVE 15					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	9.5	1.00%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	11.7	1.30%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	23.2	2.50%
Hy	Hobonny muck	100	Not prime farmland	0.1	0.00%
Jo	Johnston loam	100	Not prime farmland	37.7	4.10%
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	42.8	4.60%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	46.3	5.00%
Le	Leon fine sand	100	Not prime farmland	9.4	1.00%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	6.4	0.70%
Ly	Lynn Haven sand	100	Not prime farmland	9.5	1.00%
Me	Meggett loam	100	Farmland of statewide importance	27.7	3.00%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	26.9	2.90%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	19.1	2.10%

ALTERNATIVE 15					
MAP UNIT SYMBOL	**MAP UNIT DESCRIPTION**	**HYDRIC RATING**	**FARMLAND CLASSIFICATION**	**ACRES IN AOI**	**PERCENT OF AOI**
Os	Osier loamy sand	100	Not prime farmland	0.9	0.10%
Po	Pocomoke fine sandy loam	100	Not prime farmland	22.1	2.40%
Ru	Rutlege loamy sand	100	Not prime farmland	13.2	1.40%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.4	0.50%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	2.8	0.30%
Ud	Udorthents and Udipsamments, well drained	0	Not prime farmland	4.2	0.50%
W	Water	0	Not prime farmland	6.5	0.70%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	57	6.10%
We	Witherbee sand	6	Not prime farmland	14.9	1.60%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	9.2	1.00%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	156.6	16.90%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	68.3	7.40%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	5.1	0.50%
TOTALS FOR AREA OF INTEREST:				**926.60**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 17: ALTERNATIVE 16 SOILS AND FARMLAND CLASSIFICATION

ALTERNATIVE 16					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Bd	Bladen fine sandy loam	100	Farmland of statewide importance	0.5	0.10%
Ce	Centenary fine sand	4	Not prime farmland	56.1	6.60%
Co	Coxville fine sandy loam	100	Farmland of statewide importance	0.9	0.10%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	3.7	0.40%
Ec	Echaw sand	4	Not prime farmland	150.7	17.70%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	6	All areas are prime farmland	44.6	5.20%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	47.6	5.60%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	2	All areas are prime farmland	11.7	1.40%
Ho	Hobcaw fine sandy loam	100	Farmland of statewide importance	11.7	1.40%
Hy	Hobonny muck	100	Not prime farmland	0.1	0.00%
Jo	Johnston loam	100	Not prime farmland	15.1	1.80%

ALTERNATIVE 16					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
KeB	Kenansville fine sand, 0 to 6 percent slopes	0	Farmland of statewide importance	27.5	3.20%
LaB	Lakeland sand, 0 to 6 percent slopes	0	Not prime farmland	56	6.60%
Le	Leon fine sand	100	Not prime farmland	9.4	1.10%
Ln	Lynchburg loamy fine sand	4	Prime farmland if drained	6.4	0.80%
Ly	Lynn Haven sand	100	Not prime farmland	9.5	1.10%
Me	Meggett loam	100	Farmland of statewide importance	24.4	2.90%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	4	All areas are prime farmland	26.9	3.20%
Og	Ogeechee loamy fine sand	100	Farmland of statewide importance	16.6	1.90%
Os	Osier loamy sand	100	Not prime farmland	0.3	0.00%
Po	Pocomoke fine sandy loam	100	Not prime farmland	12.9	1.50%
Ru	Rutlege loamy sand	100	Not prime farmland	1.3	0.10%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	0	All areas are prime farmland	4.4	0.50%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	6	All areas are prime farmland	2.8	0.30%

ALTERNATIVE 16					
MAP UNIT SYMBOL	MAP UNIT DESCRIPTION	HYDRIC RATING	FARMLAND CLASSIFICATION	ACRES IN AOI	PERCENT OF AOI
Ud	Udorthents and Udipsamments, well drained	0	Not prime farmland	6.4	0.80%
W	Water	0	Not prime farmland	37.6	4.40%
Wa	Wahee fine sandy loam	6	Farmland of statewide importance	22.7	2.70%
We	Witherbee sand	6	Not prime farmland	14.3	1.70%
Wo	Woodington fine sandy loam	100	Farmland of statewide importance	9.2	1.10%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	4	All areas are prime farmland	148.5	17.40%
Ye	Yemassee loamy fine sand	4	Prime farmland if drained	66.3	7.80%
Yo	Yonges fine sandy loam	100	Farmland of statewide importance	5.1	0.60%
TOTALS FOR AREA OF INTEREST:				**851.30**	**100.00%**

Reference: USDA-NRCS Web Soil Survey. (https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx)

TABLE 19: ALTERNATIVE 1 NWI FEATURES

ALTERNATIVE 1		
Wetland Attribute	Wetland Type	Acres
PEM1Ad	Freshwater Emergent Wetland	0.207
PEM1B	Freshwater Emergent Wetland	3.219
PEM1C	Freshwater Emergent Wetland	4.311
PEM1F	Freshwater Emergent Wetland	1.088
PFO1/2Cd	Freshwater Forested/Shrub Wetland	0.574
PFO1/2F	Freshwater Forested/Shrub Wetland	10.512

ALTERNATIVE 1		
Wetland Attribute	**Wetland Type**	**Acres**
PFO1/2T	Freshwater Forested/Shrub Wetland	16.962
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	3.172
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	49.981
PFO1/4Bd	Freshwater Forested/Shrub Wetland	2.255
PFO1/4C	Freshwater Forested/Shrub Wetland	4.060
PFO1F	Freshwater Forested/Shrub Wetland	1.848
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	2.003
PFO1A	Freshwater Forested/Shrub Wetland	2.408
PFO1B	Freshwater Forested/Shrub Wetland	12.247
PFO1Bd	Freshwater Forested/Shrub Wetland	4.281
PFO1C	Freshwater Forested/Shrub Wetland	2.780
PFO1Cd	Freshwater Forested/Shrub Wetland	0.349
PFO1Fb	Freshwater Forested/Shrub Wetland	0.019
PFO4/1A	Freshwater Forested/Shrub Wetland	1.113
PFO4/1B	Freshwater Forested/Shrub Wetland	7.671
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.152
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	7.966
PFO4B	Freshwater Forested/Shrub Wetland	17.656
PFO4Bd	Freshwater Forested/Shrub Wetland	4.409
PFO4C	Freshwater Forested/Shrub Wetland	0.273
PSS1/2F	Freshwater Forested/Shrub Wetland	2.415
PSS1/4B	Freshwater Forested/Shrub Wetland	11.505
PSS1/4C	Freshwater Forested/Shrub Wetland	0.599
PSS1A	Freshwater Forested/Shrub Wetland	0.056
PSS1B	Freshwater Forested/Shrub Wetland	2.151
PSS1C	Freshwater Forested/Shrub Wetland	4.907
PSS1Cb	Freshwater Forested/Shrub Wetland	2.040
PSS1Ch	Freshwater Forested/Shrub Wetland	1.069
PSS3/4B	Freshwater Forested/Shrub Wetland	2.298
PSS4/1C	Freshwater Forested/Shrub Wetland	0.051
PSS4B	Freshwater Forested/Shrub Wetland	3.216
PUBHh	Freshwater Pond	0.731
PUBHx	Freshwater Pond	0.175

ALTERNATIVE 1		
Wetland Attribute	**Wetland Type**	**Acres**
R1UBV	Riverine	4.436
R1UBVx	Riverine	1.004
R2UBH	Riverine	3.051
R2UBHx	Riverine	1.307
R4SBC	Riverine	2.741
R4SBCx	Riverine	0.364
Total Acres:		**269.057**

TABLE 20: ALTERNATIVE 2 NWI FEATURES

ALTERNATIVE 2		
Wetland Attribute	**Wetland Type**	**Acres**
PEM1Ad	Freshwater Emergent Wetland	0.207
PEM1B	Freshwater Emergent Wetland	0.529
PEM1C	Freshwater Emergent Wetland	4.311
PEM1F	Freshwater Emergent Wetland	1.088
PFO1/2Cd	Freshwater Forested/Shrub Wetland	0.574
PFO1/2F	Freshwater Forested/Shrub Wetland	2.280
PFO1/2T	Freshwater Forested/Shrub Wetland	16.962
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	3.172
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	41.638
PFO1/4Bd	Freshwater Forested/Shrub Wetland	2.255
PFO1/4C	Freshwater Forested/Shrub Wetland	4.060
PFO1F	Freshwater Forested/Shrub Wetland	1.848
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	2.003
PFO1A	Freshwater Forested/Shrub Wetland	2.408
PFO1B	Freshwater Forested/Shrub Wetland	12.235
PFO1Bd	Freshwater Forested/Shrub Wetland	4.281
PFO1C	Freshwater Forested/Shrub Wetland	12.146
PFO1Cd	Freshwater Forested/Shrub Wetland	0.349
PFO1Fb	Freshwater Forested/Shrub Wetland	0.019
PFO4/1A	Freshwater Forested/Shrub Wetland	1.113
PFO4/1B	Freshwater Forested/Shrub Wetland	15.950
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.152

ALTERNATIVE 2		
Wetland Attribute	Wetland Type	Acres
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	7.966
PFO4B	Freshwater Forested/Shrub Wetland	17.819
PFO4Bd	Freshwater Forested/Shrub Wetland	4.409
PFO4C	Freshwater Forested/Shrub Wetland	0.273
PSS1/2F	Freshwater Forested/Shrub Wetland	2.415
PSS1/4B	Freshwater Forested/Shrub Wetland	11.505
PSS1/4C	Freshwater Forested/Shrub Wetland	0.599
PSS1A	Freshwater Forested/Shrub Wetland	0.056
PSS1B	Freshwater Forested/Shrub Wetland	3.027
PSS1C	Freshwater Forested/Shrub Wetland	4.907
PSS1Cb	Freshwater Forested/Shrub Wetland	2.040
PSS1Ch	Freshwater Forested/Shrub Wetland	1.069
PSS1F	Freshwater Forested/Shrub Wetland	1.468
PSS3/4B	Freshwater Forested/Shrub Wetland	2.298
PSS4/1B	Freshwater Forested/Shrub Wetland	6.439
PSS4/1C	Freshwater Forested/Shrub Wetland	0.051
PSS4B	Freshwater Forested/Shrub Wetland	3.216
PSS4C	Freshwater Forested/Shrub Wetland	0.010
PUBHh	Freshwater Pond	0.731
PUBHx	Freshwater Pond	0.186
R1UBV	Riverine	4.436
R1UBVx	Riverine	1.004
R2UBH	Riverine	2.087
R2UBHx	Riverine	0.827
R4SBC	Riverine	2.741
R4SBCx	Riverine	0.982
Total Acres:		275.566

TABLE 21: ALTERNATIVE 3 NWI FEATURES

ALTERNATIVE 3		
Wetland Attribute	Wetland Type	Acres
PEM1/SS1F	Freshwater Emergent Wetland	0.144
PEM1/SS4A	Freshwater Emergent Wetland	5.182

ALTERNATIVE 3		
Wetland Attribute	Wetland Type	Acres
PEM1A	Freshwater Emergent Wetland	8.204
PEM1B	Freshwater Emergent Wetland	7.575
PEM1F	Freshwater Emergent Wetland	1.440
PEM1Fx	Freshwater Emergent Wetland	1.173
PFO1/2Cd	Freshwater Forested/Shrub Wetland	0.544
PFO1/2F	Freshwater Forested/Shrub Wetland	10.880
PFO1/2T	Freshwater Forested/Shrub Wetland	15.373
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	3.172
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	51.714
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.842
PFO1/4C	Freshwater Forested/Shrub Wetland	6.292
PFO1F	Freshwater Forested/Shrub Wetland	0.951
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	2.301
PFO1A	Freshwater Forested/Shrub Wetland	1.805
PFO1B	Freshwater Forested/Shrub Wetland	8.062
PFO1C	Freshwater Forested/Shrub Wetland	3.213
PFO4/1A	Freshwater Forested/Shrub Wetland	2.901
PFO4/1B	Freshwater Forested/Shrub Wetland	29.636
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.152
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	25.435
PFO4B	Freshwater Forested/Shrub Wetland	12.058
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4B	Freshwater Forested/Shrub Wetland	0.687
PSS1/4Bd	Freshwater Forested/Shrub Wetland	2.183
PSS1/4Cd	Freshwater Forested/Shrub Wetland	3.334
PSS1B	Freshwater Forested/Shrub Wetland	0.108
PSS1Bd	Freshwater Forested/Shrub Wetland	1.346
PSS1F	Freshwater Forested/Shrub Wetland	1.344
PSS4/1B	Freshwater Forested/Shrub Wetland	0.007
PSS4C	Freshwater Forested/Shrub Wetland	0.519
PUBHh	Freshwater Pond	0.493
PUBHx	Freshwater Pond	0.918

ALTERNATIVE 3		
Wetland Attribute	**Wetland Type**	**Acres**
R1UBV	Riverine	4.440
R1UBVx	Riverine	1.004
R2UBH	Riverine	4.613
R2UBHx	Riverine	1.654
R4SBC	Riverine	2.627
R4SBCx	Riverine	0.494
PFO4/1C	Freshwater Forested/Shrub Wetland	3.016
Total Acres:		**293.586**

TABLE 22: ALTERNATIVE 4 NWI FEATURES

ALTERNATIVE 4		
Wetland Attribute	**Wetland Type**	**Acres**
PEM1/SS1F	Freshwater Emergent Wetland	0.144
PEM1/SS4A	Freshwater Emergent Wetland	5.182
PEM1A	Freshwater Emergent Wetland	8.204
PEM1B	Freshwater Emergent Wetland	4.885
PEM1F	Freshwater Emergent Wetland	1.440
PEM1Fx	Freshwater Emergent Wetland	1.173
PFO1/2Cd	Freshwater Forested/Shrub Wetland	0.544
PFO1/2F	Freshwater Forested/Shrub Wetland	2.649
PFO1/2T	Freshwater Forested/Shrub Wetland	15.373
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	3.172
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	43.371
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.842
PFO1/4C	Freshwater Forested/Shrub Wetland	6.292
PFO1F	Freshwater Forested/Shrub Wetland	0.951
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	2.301
PFO1A	Freshwater Forested/Shrub Wetland	1.805
PFO1B	Freshwater Forested/Shrub Wetland	8.051
PFO1C	Freshwater Forested/Shrub Wetland	12.578
PFO4/1A	Freshwater Forested/Shrub Wetland	2.901
PFO4/1B	Freshwater Forested/Shrub Wetland	37.915
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.152

ALTERNATIVE 4		
Wetland Attribute	Wetland Type	Acres
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	25.435
PFO4B	Freshwater Forested/Shrub Wetland	12.221
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4B	Freshwater Forested/Shrub Wetland	0.687
PSS1/4Bd	Freshwater Forested/Shrub Wetland	2.183
PSS1/4Cd	Freshwater Forested/Shrub Wetland	3.334
PSS1B	Freshwater Forested/Shrub Wetland	0.984
PSS1Bd	Freshwater Forested/Shrub Wetland	1.346
PSS1F	Freshwater Forested/Shrub Wetland	2.812
PSS4/1B	Freshwater Forested/Shrub Wetland	6.446
PSS4C	Freshwater Forested/Shrub Wetland	0.529
PUBHh	Freshwater Pond	0.493
PUBHx	Freshwater Pond	0.929
R1UBV	Riverine	4.440
R1UBVx	Riverine	1.004
R2UBH	Riverine	3.649
R2UBHx	Riverine	1.174
R4SBC	Riverine	2.627
R4SBCx	Riverine	1.112
PFO4/1C	Freshwater Forested/Shrub Wetland	3.016
Total Acres:		300.095

TABLE 23: ALTERNATIVE 5 NWI FEATURES

ALTERNATIVE 5		
Wetland Attribute	Wetland Type	Acres
PEM1/SS1F	Freshwater Emergent Wetland	0.144
PEM1/SS4A	Freshwater Emergent Wetland	5.182
PEM1A	Freshwater Emergent Wetland	0.441
PEM1B	Freshwater Emergent Wetland	4.250
PEM1Fx	Freshwater Emergent Wetland	1.173
PFO1/2Cd	Freshwater Forested/Shrub Wetland	0.544
PFO1/2F	Freshwater Forested/Shrub Wetland	25.023

ALTERNATIVE 5		
Wetland Attribute	**Wetland Type**	**Acres**
PFO1/2T	Freshwater Forested/Shrub Wetland	1.230
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	4.924
PFO1/4Ad	Freshwater Forested/Shrub Wetland	6.227
PFO1/4B	Freshwater Forested/Shrub Wetland	39.955
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.842
PFO1/4C	Freshwater Forested/Shrub Wetland	7.953
PFO1/4Cd	Freshwater Forested/Shrub Wetland	2.666
PFO1F	Freshwater Forested/Shrub Wetland	0.951
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	2.301
PFO1A	Freshwater Forested/Shrub Wetland	1.805
PFO1B	Freshwater Forested/Shrub Wetland	8.062
PFO1C	Freshwater Forested/Shrub Wetland	8.485
PFO4/1A	Freshwater Forested/Shrub Wetland	3.850
PFO4/1B	Freshwater Forested/Shrub Wetland	19.531
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.152
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	4.662
PFO4B	Freshwater Forested/Shrub Wetland	5.641
PFO4C	Freshwater Forested/Shrub Wetland	3.683
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4B	Freshwater Forested/Shrub Wetland	0.205
PSS1/4Cd	Freshwater Forested/Shrub Wetland	3.334
PSS1Bd	Freshwater Forested/Shrub Wetland	1.346
PSS4/1B	Freshwater Forested/Shrub Wetland	0.007
PSS4B	Freshwater Forested/Shrub Wetland	3.167
PSS4C	Freshwater Forested/Shrub Wetland	3.766
PUBHh	Freshwater Pond	0.493
PUBHx	Freshwater Pond	1.259
R1UBV	Riverine	4.696
R1UBVx	Riverine	1.004
R2UBH	Riverine	5.243
R2UBHx	Riverine	3.797
R4SBC	Riverine	1.365
R4SBCx	Riverine	0.866

ALTERNATIVE 5		
Wetland Attribute	Wetland Type	Acres
PFO4/1C	Freshwater Forested/Shrub Wetland	3.016
Total Acres:		255.553

TABLE 24: ALTERNATIVE 6 NWI FEATURES

ALTERNATIVE 6		
Wetland Attribute	Wetland Type	Acres
PEM1/SS1F	Freshwater Emergent Wetland	0.144
PEM1/SS4A	Freshwater Emergent Wetland	5.182
PEM1A	Freshwater Emergent Wetland	0.441
PEM1B	Freshwater Emergent Wetland	1.559
PEM1Fx	Freshwater Emergent Wetland	1.173
PFO1/2Cd	Freshwater Forested/Shrub Wetland	0.544
PFO1/2F	Freshwater Forested/Shrub Wetland	2.649
PFO1/2T	Freshwater Forested/Shrub Wetland	15.373
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	4.924
PFO1/4Ad	Freshwater Forested/Shrub Wetland	6.227
PFO1/4B	Freshwater Forested/Shrub Wetland	31.612
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.842
PFO1/4C	Freshwater Forested/Shrub Wetland	7.953
PFO1/4Cd	Freshwater Forested/Shrub Wetland	2.666
PFO1F	Freshwater Forested/Shrub Wetland	0.951
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	2.301
PFO1A	Freshwater Forested/Shrub Wetland	1.805
PFO1B	Freshwater Forested/Shrub Wetland	8.051
PFO1C	Freshwater Forested/Shrub Wetland	17.851
PFO4/1A	Freshwater Forested/Shrub Wetland	3.850
PFO4/1B	Freshwater Forested/Shrub Wetland	27.810
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.152
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	4.662
PFO4B	Freshwater Forested/Shrub Wetland	5.804
PFO4C	Freshwater Forested/Shrub Wetland	3.683
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664

ALTERNATIVE 6		
Wetland Attribute	Wetland Type	Acres
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4B	Freshwater Forested/Shrub Wetland	0.205
PSS1/4Cd	Freshwater Forested/Shrub Wetland	3.334
PSS1B	Freshwater Forested/Shrub Wetland	0.876
PSS1Bd	Freshwater Forested/Shrub Wetland	1.346
PSS1F	Freshwater Forested/Shrub Wetland	1.468
PSS4/1B	Freshwater Forested/Shrub Wetland	6.446
PSS4B	Freshwater Forested/Shrub Wetland	3.167
PSS4C	Freshwater Forested/Shrub Wetland	3.776
PUBHh	Freshwater Pond	0.493
PUBHx	Freshwater Pond	1.271
R1UBV	Riverine	4.696
R1UBVx	Riverine	1.004
R2UBH	Riverine	4.279
R2UBHx	Riverine	3.317
R4SBC	Riverine	1.365
R4SBCx	Riverine	1.485
PFO4/1C	Freshwater Forested/Shrub Wetland	3.016
Total Acres:		262.062

TABLE 25: ALTERNATIVE 7 NWI FEATURES

ALTERNATIVE 7		
Wetland Attribute	Wetland Type	Acres
PEM1/SS1F	Freshwater Emergent Wetland	0.144
PEM1/SS4B	Freshwater Emergent Wetland	9.503
PEM1A	Freshwater Emergent Wetland	1.133
PEM1B	Freshwater Emergent Wetland	1.930
PEM1C	Freshwater Emergent Wetland	2.417
PEM1Fx	Freshwater Emergent Wetland	1.173
PFO1/2Cd	Freshwater Forested/Shrub Wetland	0.544
PFO1/2F	Freshwater Forested/Shrub Wetland	5.794
PFO1/2T	Freshwater Forested/Shrub Wetland	67.165
PFO1/4B	Freshwater Forested/Shrub Wetland	28.527
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.793
PFO1/4C	Freshwater Forested/Shrub Wetland	9.798

ALTERNATIVE 7		
Wetland Attribute	Wetland Type	Acres
PFO1/4R	Freshwater Forested/Shrub Wetland	9.587
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	2.301
PFO1/SS3R	Freshwater Forested/Shrub Wetland	2.073
PFO1B	Freshwater Forested/Shrub Wetland	8.051
PFO1C	Freshwater Forested/Shrub Wetland	2.718
PFO1F	Freshwater Forested/Shrub Wetland	0.632
PFO1R	Freshwater Forested/Shrub Wetland	10.818
PFO4/1B	Freshwater Forested/Shrub Wetland	7.194
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4/SS3B	Freshwater Forested/Shrub Wetland	3.053
PFO4B	Freshwater Forested/Shrub Wetland	5.393
PFO4C	Freshwater Forested/Shrub Wetland	3.683
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4B	Freshwater Forested/Shrub Wetland	17.194
PSS1/4Cd	Freshwater Forested/Shrub Wetland	3.334
PSS1Bd	Freshwater Forested/Shrub Wetland	1.346
PSS4/1B	Freshwater Forested/Shrub Wetland	5.014
PSS4B	Freshwater Forested/Shrub Wetland	0.510
PSS4Bd	Freshwater Forested/Shrub Wetland	0.078
PSS4C	Freshwater Forested/Shrub Wetland	3.766
PUBHh	Freshwater Pond	0.834
PUBHx	Freshwater Pond	5.449
R1UBV	Riverine	2.954
R1UBVx	Riverine	0.389
R2UBH	Riverine	4.277
R2UBHx	Riverine	0.827
R4SBC	Riverine	1.131
R4SBCx	Riverine	0.428
PFO4/1C	Freshwater Forested/Shrub Wetland	3.016
Total Acres:		237.088

TABLE 26: ALTERNATIVE 8 NWI FEATURES

ALTERNATIVE 8		
Wetland Attribute	Wetland Type	Acres
PEM1/SS4B	Freshwater Emergent Wetland	9.503

ALTERNATIVE 8		
Wetland Attribute	Wetland Type	Acres
PEM1/SS4Bd	Freshwater Emergent Wetland	7.036
PEM1B	Freshwater Emergent Wetland	1.930
PEM1Bd	Freshwater Emergent Wetland	1.935
PEM1C	Freshwater Emergent Wetland	2.297
PEM1F	Freshwater Emergent Wetland	0.886
PFO1/2F	Freshwater Forested/Shrub Wetland	3.145
PFO1/2T	Freshwater Forested/Shrub Wetland	67.165
PFO1/4A	Freshwater Forested/Shrub Wetland	3.051
PFO1/4B	Freshwater Forested/Shrub Wetland	19.706
PFO1/4Bd	Freshwater Forested/Shrub Wetland	2.937
PFO1/4C	Freshwater Forested/Shrub Wetland	2.907
PFO1F	Freshwater Forested/Shrub Wetland	3.320
PFO1/4R	Freshwater Forested/Shrub Wetland	9.587
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	1.710
PFO1/SS3R	Freshwater Forested/Shrub Wetland	2.073
PFO1B	Freshwater Forested/Shrub Wetland	7.547
PFO1Bd	Freshwater Forested/Shrub Wetland	3.141
PFO1C	Freshwater Forested/Shrub Wetland	3.665
PFO1R	Freshwater Forested/Shrub Wetland	10.818
PFO4/1A	Freshwater Forested/Shrub Wetland	8.137
PFO4/1B	Freshwater Forested/Shrub Wetland	15.750
PFO4/1Bd	Freshwater Forested/Shrub Wetland	0.077
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4/SS3B	Freshwater Forested/Shrub Wetland	3.053
PFO4B	Freshwater Forested/Shrub Wetland	13.609
PFO4Bd	Freshwater Forested/Shrub Wetland	0.566
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4B	Freshwater Forested/Shrub Wetland	16.989
PSS1/4Cd	Freshwater Forested/Shrub Wetland	0.884
PSS1B	Freshwater Forested/Shrub Wetland	0.459
PSS1Bd	Freshwater Forested/Shrub Wetland	0.360
PSS1C	Freshwater Forested/Shrub Wetland	0.079
PSS1F	Freshwater Forested/Shrub Wetland	1.251
PSS1Fb	Freshwater Forested/Shrub Wetland	3.230
PSS4/1Ad	Freshwater Forested/Shrub Wetland	0.487
PSS4/1B	Freshwater Forested/Shrub Wetland	5.007
PSS4/1Bd	Freshwater Forested/Shrub Wetland	2.676

ALTERNATIVE 8		
Wetland Attribute	Wetland Type	Acres
PSS4Ad	Freshwater Forested/Shrub Wetland	1.905
PSS4B	Freshwater Forested/Shrub Wetland	2.560
PSS4Bd	Freshwater Forested/Shrub Wetland	0.078
PSS4C	Freshwater Forested/Shrub Wetland	11.134
PUBHh	Freshwater Pond	0.352
PUBHx	Freshwater Pond	4.895
R1UBV	Riverine	3.163
R1UBVx	Riverine	0.389
R2UBH	Riverine	1.961
R2UBHx	Riverine	0.827
R4SBC	Riverine	0.724
R4SBCx	Riverine	0.409
Total Acres:		267.488

TABLE 27: ALTERNATIVE 9 NWI FEATURES

ALTERNATIVE 9		
Wetland Attribute	Wetland Type	Acres
PEM1/SS4B	Freshwater Emergent Wetland	9.503
PEM1/SS4Bd	Freshwater Emergent Wetland	7.036
PEM1B	Freshwater Emergent Wetland	2.455
PEM1Bd	Freshwater Emergent Wetland	2.086
PEM1C	Freshwater Emergent Wetland	3.959
PEM1F	Freshwater Emergent Wetland	0.228
PFO1/2F	Freshwater Forested/Shrub Wetland	3.145
PFO1/2T	Freshwater Forested/Shrub Wetland	67.165
PFO1/4A	Freshwater Forested/Shrub Wetland	2.283
PFO1/4B	Freshwater Forested/Shrub Wetland	23.079
PFO1/4Bd	Freshwater Forested/Shrub Wetland	3.874
PFO1/4C	Freshwater Forested/Shrub Wetland	1.770
PFO1F	Freshwater Forested/Shrub Wetland	3.320
PFO1/4R	Freshwater Forested/Shrub Wetland	9.587
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	1.710
PFO1/SS3R	Freshwater Forested/Shrub Wetland	2.073
PFO1B	Freshwater Forested/Shrub Wetland	12.968
PFO1Bd	Freshwater Forested/Shrub Wetland	3.141

ALTERNATIVE 9		
Wetland Attribute	**Wetland Type**	**Acres**
PFO1C	Freshwater Forested/Shrub Wetland	3.567
PFO1R	Freshwater Forested/Shrub Wetland	10.818
PFO4/1A	Freshwater Forested/Shrub Wetland	8.137
PFO4/1B	Freshwater Forested/Shrub Wetland	15.750
PFO4/1Bd	Freshwater Forested/Shrub Wetland	0.077
PFO4/3B	Freshwater Forested/Shrub Wetland	0.345
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4/SS3B	Freshwater Forested/Shrub Wetland	3.053
PFO4B	Freshwater Forested/Shrub Wetland	13.609
PFO4Bd	Freshwater Forested/Shrub Wetland	0.082
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4B	Freshwater Forested/Shrub Wetland	16.989
PSS1/4Cd	Freshwater Forested/Shrub Wetland	0.884
PSS1B	Freshwater Forested/Shrub Wetland	0.459
PSS1Fb	Freshwater Forested/Shrub Wetland	3.230
PSS4/1Ad	Freshwater Forested/Shrub Wetland	0.487
PSS4/1B	Freshwater Forested/Shrub Wetland	5.007
PSS4/1Bd	Freshwater Forested/Shrub Wetland	0.093
PSS4Ad	Freshwater Forested/Shrub Wetland	1.905
PSS4B	Freshwater Forested/Shrub Wetland	0.510
PSS4Bd	Freshwater Forested/Shrub Wetland	0.078
PSS4C	Freshwater Forested/Shrub Wetland	11.134
PUBHh	Freshwater Pond	0.834
PUBHx	Freshwater Pond	5.394
R1UBV	Riverine	3.163
R1UBVx	Riverine	0.389
R2UBH	Riverine	1.961
R2UBHx	Riverine	0.827
R4SBC	Riverine	0.939
R4SBCx	Riverine	0.409
Total Acres:		**271.630**

TABLE 28: ALTERNATIVE 10 NWI FEATURES

ALTERNATIVE 10		
Wetland Attribute	Wetland Type	Acres
PEM1/SS4A	Freshwater Emergent Wetland	5.182
PEM1/SS4Bd	Freshwater Emergent Wetland	7.036
PEM1A	Freshwater Emergent Wetland	0.910
PEM1B	Freshwater Emergent Wetland	4.250
PEM1Bd	Freshwater Emergent Wetland	2.978
PEM1C	Freshwater Emergent Wetland	1.013
PEM1F	Freshwater Emergent Wetland	0.886
PFO1/2F	Freshwater Forested/Shrub Wetland	8.232
PFO1/2T	Freshwater Forested/Shrub Wetland	15.373
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	11.098
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	32.496
PFO1/4Bd	Freshwater Forested/Shrub Wetland	2.986
PFO1/4C	Freshwater Forested/Shrub Wetland	4.603
PFO1F	Freshwater Forested/Shrub Wetland	3.258
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	1.710
PFO1A	Freshwater Forested/Shrub Wetland	2.880
PFO1B	Freshwater Forested/Shrub Wetland	5.702
PFO1Bd	Freshwater Forested/Shrub Wetland	3.141
PFO1C	Freshwater Forested/Shrub Wetland	8.015
PFO4/1A	Freshwater Forested/Shrub Wetland	11.987
PFO4/1B	Freshwater Forested/Shrub Wetland	27.182
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.179
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	5.098
PFO4B	Freshwater Forested/Shrub Wetland	9.182
PFO4Bd	Freshwater Forested/Shrub Wetland	0.566
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4Cd	Freshwater Forested/Shrub Wetland	0.884
PSS1B	Freshwater Forested/Shrub Wetland	0.088
PSS1Bd	Freshwater Forested/Shrub Wetland	0.360
PSS1C	Freshwater Forested/Shrub Wetland	0.295

ALTERNATIVE 10		
Wetland Attribute	**Wetland Type**	**Acres**
PSS1F	Freshwater Forested/Shrub Wetland	3.671
PSS1Fb	Freshwater Forested/Shrub Wetland	3.230
PSS4/1Ad	Freshwater Forested/Shrub Wetland	0.487
PSS4/1Bd	Freshwater Forested/Shrub Wetland	2.676
PSS4Ad	Freshwater Forested/Shrub Wetland	1.905
PSS4B	Freshwater Forested/Shrub Wetland	2.050
PSS4C	Freshwater Forested/Shrub Wetland	11.134
PUBHh	Freshwater Pond	0.011
PUBHx	Freshwater Pond	0.426
R1UBV	Riverine	4.905
R1UBVx	Riverine	1.004
R2UBH	Riverine	4.355
R2UBHx	Riverine	3.985
R4SBC	Riverine	1.127
R4SBCx	Riverine	1.250
Total Acres:		**285.533**

TABLE 29: ALTERNATIVE 11 NWI FEATURES

ALTERNATIVE 11		
Wetland Attribute	**Wetland Type**	**Acres**
PEM1/SS4A	Freshwater Emergent Wetland	5.182
PEM1/SS4Bd	Freshwater Emergent Wetland	7.036
PEM1A	Freshwater Emergent Wetland	0.910
PEM1B	Freshwater Emergent Wetland	4.774
PEM1Bd	Freshwater Emergent Wetland	3.128
PEM1C	Freshwater Emergent Wetland	2.675
PEM1F	Freshwater Emergent Wetland	0.228
PFO1/2F	Freshwater Forested/Shrub Wetland	8.232
PFO1/2T	Freshwater Forested/Shrub Wetland	15.373
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	10.330
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	35.870
PFO1/4Bd	Freshwater Forested/Shrub Wetland	3.924
PFO1/4C	Freshwater Forested/Shrub Wetland	3.465

ALTERNATIVE 11		
Wetland Attribute	Wetland Type	Acres
PFO1F	Freshwater Forested/Shrub Wetland	3.258
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	1.710
PFO1A	Freshwater Forested/Shrub Wetland	2.880
PFO1B	Freshwater Forested/Shrub Wetland	11.123
PFO1Bd	Freshwater Forested/Shrub Wetland	3.141
PFO1C	Freshwater Forested/Shrub Wetland	7.916
PFO4/1A	Freshwater Forested/Shrub Wetland	11.987
PFO4/1B	Freshwater Forested/Shrub Wetland	27.182
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.179
PFO4/3B	Freshwater Forested/Shrub Wetland	0.764
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	5.098
PFO4B	Freshwater Forested/Shrub Wetland	9.182
PFO4Bd	Freshwater Forested/Shrub Wetland	0.082
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4Cd	Freshwater Forested/Shrub Wetland	0.884
PSS1B	Freshwater Forested/Shrub Wetland	0.088
PSS1C	Freshwater Forested/Shrub Wetland	0.216
PSS1Fb	Freshwater Forested/Shrub Wetland	3.230
PSS1F	Freshwater Forested/Shrub Wetland	2.420
PSS4/1Ad	Freshwater Forested/Shrub Wetland	0.487
PSS4/1Bd	Freshwater Forested/Shrub Wetland	0.093
PSS4Ad	Freshwater Forested/Shrub Wetland	1.905
PSS4C	Freshwater Forested/Shrub Wetland	11.134
PUBHh	Freshwater Pond	0.493
PUBHx	Freshwater Pond	0.926
R1UBVx	Riverine	1.004
R2UBHx	Riverine	3.985
R4SBC	Riverine	1.343
R4SBCx	Riverine	1.250
R2UBH	Riverine	4.355
R1UBV	Riverine	4.905
Total Acres:		289.675

TABLE 30: ALTERNATIVE 12 NWI FEATURES

ALTERNATIVE 12		
Wetland Attribute	**Wetland Type**	**Acres**
PEM1/SS4A	Freshwater Emergent Wetland	5.182
PEM1/SS4Bd	Freshwater Emergent Wetland	7.036
PEM1A	Freshwater Emergent Wetland	0.910
PEM1B	Freshwater Emergent Wetland	1.559
PEM1Bd	Freshwater Emergent Wetland	2.978
PEM1C	Freshwater Emergent Wetland	1.013
PEM1F	Freshwater Emergent Wetland	0.886
PFO1/2T	Freshwater Forested/Shrub Wetland	15.373
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	11.098
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	24.153
PFO1/4Bd	Freshwater Forested/Shrub Wetland	2.986
PFO1/4C	Freshwater Forested/Shrub Wetland	4.603
PFO1F	Freshwater Forested/Shrub Wetland	3.258
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	1.710
PFO1A	Freshwater Forested/Shrub Wetland	2.880
PFO1B	Freshwater Forested/Shrub Wetland	5.691
PFO1Bd	Freshwater Forested/Shrub Wetland	3.141
PFO1C	Freshwater Forested/Shrub Wetland	17.380
PFO4/1A	Freshwater Forested/Shrub Wetland	11.987
PFO4/1B	Freshwater Forested/Shrub Wetland	35.461
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.179
PFO4/3B	Freshwater Forested/Shrub Wetland	0.419
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	5.098
PFO4B	Freshwater Forested/Shrub Wetland	9.345
PFO4Bd	Freshwater Forested/Shrub Wetland	0.566
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4Cd	Freshwater Forested/Shrub Wetland	0.884
PSS1B	Freshwater Forested/Shrub Wetland	0.965
PSS1Bd	Freshwater Forested/Shrub Wetland	0.360
PSS1C	Freshwater Forested/Shrub Wetland	0.295
PSS1F	Freshwater Forested/Shrub Wetland	5.139

ALTERNATIVE 12		
Wetland Attribute	**Wetland Type**	**Acres**
PSS1Fb	Freshwater Forested/Shrub Wetland	3.230
PSS4/1Ad	Freshwater Forested/Shrub Wetland	0.487
PSS4/1B	Freshwater Forested/Shrub Wetland	6.439
PSS4/1Bd	Freshwater Forested/Shrub Wetland	2.676
PSS4Ad	Freshwater Forested/Shrub Wetland	1.905
PSS4B	Freshwater Forested/Shrub Wetland	2.050
PSS4C	Freshwater Forested/Shrub Wetland	11.144
PUBHh	Freshwater Pond	0.011
PUBHx	Freshwater Pond	0.437
R1UBV	Riverine	4.905
R1UBVx	Riverine	1.004
R2UBH	Riverine	3.390
R2UBHx	Riverine	3.504
R4SBC	Riverine	1.127
R4SBCx	Riverine	1.868
Total Acres:		**292.043**

TABLE 31: ALTERNATIVE 13 NWI FEATURES

ALTERNATIVE 13		
Wetland Attribute	**Wetland Type**	**Acres**
PEM1/SS4A	Freshwater Emergent Wetland	5.182
PEM1/SS4Bd	Freshwater Emergent Wetland	7.036
PEM1A	Freshwater Emergent Wetland	0.910
PEM1B	Freshwater Emergent Wetland	2.084
PEM1Bd	Freshwater Emergent Wetland	3.128
PEM1C	Freshwater Emergent Wetland	2.675
PEM1F	Freshwater Emergent Wetland	0.228
PFO1/2T	Freshwater Forested/Shrub Wetland	15.373
PFO1/2Td	Freshwater Forested/Shrub Wetland	48.112
PFO1/4A	Freshwater Forested/Shrub Wetland	10.330
PFO1/4Ad	Freshwater Forested/Shrub Wetland	3.441
PFO1/4B	Freshwater Forested/Shrub Wetland	27.527
PFO1/4Bd	Freshwater Forested/Shrub Wetland	3.924
PFO1/4C	Freshwater Forested/Shrub Wetland	3.465
PFO1F	Freshwater Forested/Shrub Wetland	3.258

ALTERNATIVE 13		
Wetland Attribute	Wetland Type	Acres
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	1.710
PFO1A	Freshwater Forested/Shrub Wetland	2.880
PFO1B	Freshwater Forested/Shrub Wetland	11.112
PFO1Bd	Freshwater Forested/Shrub Wetland	3.141
PFO1C	Freshwater Forested/Shrub Wetland	17.282
PFO4/1A	Freshwater Forested/Shrub Wetland	11.987
PFO4/1B	Freshwater Forested/Shrub Wetland	35.461
PFO4/1Bd	Freshwater Forested/Shrub Wetland	11.179
PFO4/3B	Freshwater Forested/Shrub Wetland	0.764
PFO4/SS1B	Freshwater Forested/Shrub Wetland	0.454
PFO4A	Freshwater Forested/Shrub Wetland	5.098
PFO4B	Freshwater Forested/Shrub Wetland	9.345
PFO4Bd	Freshwater Forested/Shrub Wetland	0.082
PSS1/2F	Freshwater Forested/Shrub Wetland	1.664
PSS1/4Ad	Freshwater Forested/Shrub Wetland	0.660
PSS1/4Cd	Freshwater Forested/Shrub Wetland	0.884
PSS1B	Freshwater Forested/Shrub Wetland	0.965
PSS1C	Freshwater Forested/Shrub Wetland	0.216
PSS1F	Freshwater Forested/Shrub Wetland	3.888
PSS1Fb	Freshwater Forested/Shrub Wetland	3.230
PSS4/1Ad	Freshwater Forested/Shrub Wetland	0.487
PSS4/1B	Freshwater Forested/Shrub Wetland	6.439
PSS4/1Bd	Freshwater Forested/Shrub Wetland	0.093
PSS4Ad	Freshwater Forested/Shrub Wetland	1.905
PSS4C	Freshwater Forested/Shrub Wetland	11.144
PUBHh	Freshwater Pond	0.493
PUBHx	Freshwater Pond	0.937
R1UBV	Riverine	4.905
R1UBVx	Riverine	1.004
R2UBH	Riverine	3.390
R2UBHx	Riverine	3.504
R4SBC	Riverine	1.343
R4SBCx	Riverine	1.868
Total Acres:		296.184

TABLE 32: ALTERNATIVE 14 NWI FEATURES

ALTERNATIVE 14		
Wetland Attribute	Wetland Type	Acres
PEM1A	Freshwater Emergent Wetland	0.330
PEM1C	Freshwater Emergent Wetland	3.377
PEM1F	Freshwater Emergent Wetland	0.146
PEM1Fx	Freshwater Emergent Wetland	0.679
PFO1/2F	Freshwater Forested/Shrub Wetland	38.061
PFO1/4A	Freshwater Forested/Shrub Wetland	0.041
PFO1/4B	Freshwater Forested/Shrub Wetland	5.567
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.640
PFO1/4C	Freshwater Forested/Shrub Wetland	6.639
PFO1F	Freshwater Forested/Shrub Wetland	5.550
PFO1/4Ch	Freshwater Forested/Shrub Wetland	0.162
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	0.846
PFO1/SS3B	Freshwater Forested/Shrub Wetland	2.181
PFO1A	Freshwater Forested/Shrub Wetland	0.851
PFO1B	Freshwater Forested/Shrub Wetland	22.035
PFO1Bd	Freshwater Forested/Shrub Wetland	0.061
PFO1C	Freshwater Forested/Shrub Wetland	7.911
PFO1Ch	Freshwater Forested/Shrub Wetland	0.169
PFO1R	Freshwater Forested/Shrub Wetland	0.002
PFO4/1C	Freshwater Forested/Shrub Wetland	2.124
PFO4/SS3B	Freshwater Forested/Shrub Wetland	2.564
PFO4Ad	Freshwater Forested/Shrub Wetland	1.979
PFO4B	Freshwater Forested/Shrub Wetland	9.633
PFO4Bd	Freshwater Forested/Shrub Wetland	0.756
PFO4C	Freshwater Forested/Shrub Wetland	0.140
PFO4Cd	Freshwater Forested/Shrub Wetland	0.084
PSS1/4A	Freshwater Forested/Shrub Wetland	1.176
PSS1/4B	Freshwater Forested/Shrub Wetland	2.381
PSS1/4C	Freshwater Forested/Shrub Wetland	4.423
PSS1F	Freshwater Forested/Shrub Wetland	0.534
PSS4/1Bd	Freshwater Forested/Shrub Wetland	0.473
PSS4A	Freshwater Forested/Shrub Wetland	0.663
PSS4B	Freshwater Forested/Shrub Wetland	3.369
PSS4Bd	Freshwater Forested/Shrub Wetland	1.872
PSS4C	Freshwater Forested/Shrub Wetland	0.302

ALTERNATIVE 14		
Wetland Attribute	**Wetland Type**	**Acres**
PUBHx	Freshwater Pond	7.705
R1UBV	Riverine	0.031
R1UBVx	Riverine	3.007
R2UBH	Riverine	6.729
R2UBHx	Riverine	2.288
R4SBC	Riverine	1.502
R4SBCx	Riverine	0.620
PEM1B	Freshwater Emergent Wetland	1.564
PSS1/FO4Bd	Freshwater Forested/Shrub Wetland	0.937
Total Acres:		**152.104**

TABLE 33: ALTERNATIVE 15 NWI FEATURES

ALTERNATIVE 15		
Wetland Attribute	**Wetland Type**	**Acres**
PEM1A	Freshwater Emergent Wetland	0.330
PEM1C	Freshwater Emergent Wetland	1.794
PEM1F	Freshwater Emergent Wetland	1.460
PEM1Fx	Freshwater Emergent Wetland	0.679
PFO1/2F	Freshwater Forested/Shrub Wetland	45.919
PFO1/4A	Freshwater Forested/Shrub Wetland	0.041
PFO1/4B	Freshwater Forested/Shrub Wetland	8.553
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.640
PFO1/4C	Freshwater Forested/Shrub Wetland	6.639
PFO1F	Freshwater Forested/Shrub Wetland	5.772
PFO1/4Ch	Freshwater Forested/Shrub Wetland	0.162
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	0.846
PFO1A	Freshwater Forested/Shrub Wetland	1.896
PFO1B	Freshwater Forested/Shrub Wetland	11.242
PFO1Bd	Freshwater Forested/Shrub Wetland	0.061
PFO1C	Freshwater Forested/Shrub Wetland	5.842
PFO1Ch	Freshwater Forested/Shrub Wetland	0.169
PFO1R	Freshwater Forested/Shrub Wetland	0.002
PFO4/1C	Freshwater Forested/Shrub Wetland	2.124
PFO4Ad	Freshwater Forested/Shrub Wetland	1.979
PFO4B	Freshwater Forested/Shrub Wetland	1.250

ALTERNATIVE 15		
Wetland Attribute	Wetland Type	Acres
PFO4Bd	Freshwater Forested/Shrub Wetland	0.756
PFO4Cd	Freshwater Forested/Shrub Wetland	0.084
PSS1/4A	Freshwater Forested/Shrub Wetland	1.176
PSS1/4B	Freshwater Forested/Shrub Wetland	2.381
PSS1/4C	Freshwater Forested/Shrub Wetland	4.423
PSS1F	Freshwater Forested/Shrub Wetland	0.534
PSS4/1Bd	Freshwater Forested/Shrub Wetland	0.473
PSS4A	Freshwater Forested/Shrub Wetland	0.663
PSS4B	Freshwater Forested/Shrub Wetland	1.277
PSS4Bd	Freshwater Forested/Shrub Wetland	1.872
PUBHx	Freshwater Pond	7.452
R1UBV	Riverine	0.031
R1UBVx	Riverine	3.007
R2UBH	Riverine	5.524
R2UBHx	Riverine	2.464
R4SBC	Riverine	1.965
R4SBCx	Riverine	0.715
PSS1/FO4Bd	Freshwater Forested/Shrub Wetland	0.937
Total Acres:		133.133

TABLE 34: ALTERNATIVE 16 NWI FEATURES

ALTERNATIVE 16		
Wetland Attribute	Wetland Type	Acres
PEM1A	Freshwater Emergent Wetland	0.978
PEM1C	Freshwater Emergent Wetland	0.185
PEM1F	Freshwater Emergent Wetland	1.150
PFO1/2F	Freshwater Forested/Shrub Wetland	4.375
PFO1/4B	Freshwater Forested/Shrub Wetland	3.534
PFO1/4Bd	Freshwater Forested/Shrub Wetland	0.681
PFO1/4C	Freshwater Forested/Shrub Wetland	2.427
PFO1/4Ch	Freshwater Forested/Shrub Wetland	0.162
PFO1/SS1Cd	Freshwater Forested/Shrub Wetland	0.846
PFO1A	Freshwater Forested/Shrub Wetland	1.043
PFO1B	Freshwater Forested/Shrub Wetland	2.117
PFO1Bd	Freshwater Forested/Shrub Wetland	0.061

ALTERNATIVE 16		
Wetland Attribute	**Wetland Type**	**Acres**
PFO1C	Freshwater Forested/Shrub Wetland	5.777
PFO1Ch	Freshwater Forested/Shrub Wetland	0.169
PFO1F	Freshwater Forested/Shrub Wetland	0.222
PFO1R	Freshwater Forested/Shrub Wetland	0.002
PFO4/1C	Freshwater Forested/Shrub Wetland	0.817
PFO4A	Freshwater Forested/Shrub Wetland	0.020
PFO4B	Freshwater Forested/Shrub Wetland	1.033
PFO4Bd	Freshwater Forested/Shrub Wetland	0.756
PSS1Bd	Freshwater Forested/Shrub Wetland	0.556
PSS4/1Bd	Freshwater Forested/Shrub Wetland	0.473
PUBH	Freshwater Pond	1.002
PUBHh	Freshwater Pond	0.603
PUBHx	Freshwater Pond	2.733
R1UBV	Riverine	0.031
R1UBVx	Riverine	3.007
R2UBH	Riverine	8.282
R2UBHx	Riverine	2.475
R4SBC	Riverine	0.761
R4SBCx	Riverine	0.777
L1UBHx	Lake	6.334
PSS1/FO4Bd	Freshwater Forested/Shrub Wetland	0.937
Total Acres:		**54.325**

TABLE 35: ALTERNATIVES 1 AND 2 WETLAND IMPACTS

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6a-1	1 & 2	**Wetland 1**	6.728	PFO	Blue line system	Hydric	flow east to Palmetto Swamp
6a-1	1 & 2	**Wetland 2**	1.777	PFO	no signature	Hydric	flow west to NALC1 to offiste pond/wetland
6a-1	1 & 2	**Wetland 4**	6.573	PFO	no signature	Hydric	flow west to Ratan Branch
6a-2	1 & 2	**Wetland 5**	1.346	No	no signature	Hydric	isolated
6a-2	1 & 2	**Wetland 6**	6.217	PFO	Brown Swamp	Hydric	Brown Swamp
6a-2	1 & 2	**Wetland 8**	0.459	PFO	green	Hydric	drain west to W7, S4, S3 to Brown Swamp
6a-2	1 & 2	**Wetland 9**	5.679	PFO	green	Hydric	drain west to S5-W10
6a-2	1 & 2	**Wetland 11**	0.731	PFO	swamp	Hydric	isolated to assoc. pond system
6a-2	1 & 2	**Wetland 12**	3.598	PFO	swamp	Hydric	flows south to Juniper Bay
6a-2	1 & 2	**Wetland 13**	0.814	PFO	green	Hydric	isloated
6a-2	1 & 2	**Wetland 14**	10.547	PFO	Juniper Bay	Hydric	flows west to Brown Swamp
6a-2	1 & 2	**Wetland 236**	0.665	PFO	green	Hydric	flow N to ponds
6a-3	1 & 2	**Wetland 15**	5.538	PFO	green	Hydric	north bank adjacent S6
6a-3	1 & 2	**Wetland 16**	4.956	PFO	green/pond	Hydric	south bank adjacent S6
6a-3	1 & 2	**Wetland 17**	3.988	PFO	green	Hyrdic	flows NW to Calhoun Branch
6a-3	1 & 2	**Wetland 18**	7.979	PFO, partial	green	Hydric	islolated
6a-3	1 & 2	**Wetland 19**	1.118	PFO	green	Hydric	isolated
6a-3	1 & 2	**Wetland 163**	1.986	no signature	green	Hydric	flow S to other wetlands
6a-4	1 & 2	**Wetland 20**	0.762	PFO	green	Hydric	adjacent Church Branch
6a-4	1 & 2	**Wetland 21**	9.920	PFO	green	Hydric	adjacent Church Branch
6a-4	1 & 2	**Wetland 22**	6.702	PFO	green	Hydric	drain S through NALC 6, NALC 7 to S9
6a-4	1 & 2	**Wetland 23**	0.036	PFO	green	Hydric	drain S through NALC 7 to S9
6a-4	1 & 2	**Wetland 237**	0.022	no signature	none	Hydric	flow W

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6a-4	1 & 2	**Wetland 238**	0.141	no signature	none	Hydric	flow W
6a-5	1 & 2	**Wetland 25**	0.628	PFO	green, associated w/ INT blueline west	Hydric	drain W to INT blueline and Hunting Swamp
6a-5	1 & 2	**Wetland 26**	10.140	PFO	Hunting Swamp	Hydric	drain SW named Hunting Swamp
6a-5	1 & 2	**Wetland 27**	11.281	PFO	direct cxn to Hunting Swamp	Hydric	drain NW to Hunting Swamp
6a-5	1 & 2	**Wetland 28**	3.027	PFO	green	Hydric	drain west to INT blue line
6a-5 & 6a-6	1 & 2	**Wetland 29**	2.587	PFO/FWpond	green/INTblueline	Hydric	dran west UT to Hunting Swamp
6a-6	1 & 2	**Wetland 31**	3.046	PFO	swamp	Hydric	isolated by road and uplands
6a-6	1 & 2	**Wetland 30**	0.102	PFO	green	Hydric	drain N to Hunting swamp/SW to S11
6a-6	1 & 2	**Wetland 32**	1.501	PFO	green	Hydric	drain W to UT Hunting Swamp
6a-6	1 & 2	**Wetland 33**	5.464	PFO	green/INTblueline	Hydric	drain W to Lil PeeDee Swamp
6a-6	1 & 2	**Wetland 34**	0.760	PFO	swamp/blue line	Hydric	drain west to Lil PeeDee Swamp
6a-6	1 & 2	**Wetland 164**	0.110	no signature	green	Hydric	slow SW through NALC
6a-6	1 & 2	**Wetland 234**	6.857	PFO	swamp	Hydric	flow E to wetland
6a-6	1 & 2	**Wetland 238b**	1.627	PFO	none	Hydric	flow N
6a-7	1 & 2	**Wetland 35**	0.261	PFO	green	Hydric	drain W to Lil PeeDee Swamp
6a-7	1 & 2	**Wetland 36**	0.114	PFO	green	Hydric	drain E, headwaters Bradley Branch
6a-7	1 & 2	**Wetland 37**	2.048	PFO	green	Hydric	drain S, headwaters Bradley Branch
6a-7	1 & 2	**Wetland 38**	9.885	PFO	green	Hydric	drain W to UT Lilttle PeeDee Swamp
6a-7	1 & 2	**Wetland 37b**	3.218	PFO	green	Hydric	drain by S14
6a-8	1 & 2	**Wetland 38**	2.740	PFO	green/INTblue line	Hydric	named bradley branch
6a-8	1 & 2	**Wetland 39**	4.524	PFO	green/INTblue line	Hyrdic	named confl. Bradley/Sheep Pen Branch
6a-8	1 & 2	**Wetland 40**	1.910	PFO	green	Hydric	drain to Sheep Pen Branch, many roads/uplands
6a-8	1 & 2	**Wetland 41**	0.088	PFO	green	Hydric	isolated in bedded pines

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6a-8	1 & 2	**Wetland 42**	0.032	PFO	green	Hydric	isolated in bedded pines
6a-8	1 & 2	**Wetland 43**	0.698	PFO	green	Hydric	isolated between pines and ag
6a-9	1 & 2	**Wetland 44**	0.785	PEM	pond	Hydric	isloated in planted pines
6a-9	1 & 2	**Wetland 45**	0.305	PEM	green	Hydric	isolated in planted pines
6a-9	1 & 2	**Wetland 46**	5.308	PFO	Cowford Swamp	Hydric	flows SW, Cowford Swamp
6a-9	1 & 2	**Wetland 47**	10.131	PFO	green	Hydric	flows NW, branch of Cowford Swamp
6a-10	1 & 2	**Wetland 48**	2.708	PFO	green	Hydric	flows E to S15
6a-10	1 & 2	**Wetland 49**	11.531	PFO	swamp	Hydric	flow SW to S16 offsite
6a-10	1 & 2	**Wetland 50**	8.923	PFO	swamp	Hydric	flow S to S17
6a-10	1 & 2	**Wetland 51**	0.181	PFO	green	Hydric	flow E to larger offsite wetland, S16 to S
6a-10	1 & 2	**Wetland 52**	4.417	PFO	green	Hydric	flow S to S16
6a-10	1 & 2	**Wetland 53**	18.944	PFO	swamp	Hydric	flow SE to Waccamaw River
6a-10	1 & 2	**Wetland 54**	49.284	PFO	swamp	Hydric	Waccamaw Floodplain
6a-11	1 & 2	**Wetland 79**	1.623	no signature	green	Hydric	flow E to swamp/blueline
6a-11	1	**Wetland 80**	23.582	PFO	swamp	Hydirc	flow N cxn Waccamaw floodplain
6a-11	1	**Wetland 85**	0.414	PFO	int blue line	Hydric	flow S cont to W83
6a-11	1	**Wetland 87**	1.459	PFO	no signature	Hydric	flow S to offiste stream to blue line
6a-11	2	**Wetland 80b**	12.186	PFO	swamp	Hydric	flow N cxn Waccamaw floodplain
6a-11	2	**Wetland 81**	0.596	PFO	swamp	Hydric	flow N to larger offsite wetland
6a-11	2	**Wetland 82**	1.042	PFO	swamp	Hydric	flow N to larger offsite wetland
6a-11	2	**Wetland 83**	8.463	PFO	green	Hydric	flow S along blue line
6a-11	2	**Wetland 84**	4.083	PFO	swamp	Hydric	flow S named Big Swamp
6a-11	2	**Wetland 235**	0.912	PFO	green	Hydric	isolated
6a-11	1 & 2	**Wetland 239**	0.565	no signature	none	Hydric	flow S
Alternative 1 Total:			301.086				

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
Alternative 2 Total:			302.913				

TABLE 36: ALTERNATIVES 1 AND 2 STREAM IMPACTS

FIGURE	ALTERNATIVES	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6a-1	1 & 2	**Stream 1**	413	0.156	blue line	flow south to Brown Swamp	perennial
6a-1	1 & 2	**Stream 2**	473	0.172	blue line	flow south to Brown Swamp	intermittent
6a-1	1 & 2	**Stream 63**	379	0.077	no signature	flow N to offsite features	intermittent
6a-2	1 & 2	**Stream 3**	75	0.031	crenulation	flow north to Brown Swamp	perennial
6a-2	1 & 2	**Stream 577**	338	0.097	no signature	flow W	intermittent
6a-2	1 & 2	**Strema 578**	240	0.058	no signature	flow sw	intermittent
6a-3	1 & 2	**Stream 579**	166	0.022	no signature	flow sw	intermittent
6a-3	1 & 2	**Stream 581**	177	0.042	no signature	flow W	intermittent
6a-3	1 & 2	**Stream 6**	315	0.143	no signature	flow NW to Juniper Bay	perennial
6a-3	1 & 2	**Stream 7**	335	0.132	blue line	flow N, Calhoun Branch	perennial
6a-3	1 & 2	**Stream 580**	39	0.011	no signature	flow S	intermittent
6a-4	1 & 2	**Stream 582**	340	0.095	no signature	flow W	intermittent
6a-4	1 & 2	**Stream 64**	306	0.047	no signature	flow S	intermittent
6a-4	1 & 2	**Stream 65**	184	0.059	no siganture	Flow S	perennial
6a-4	1 & 2	**Stream 8**	320	0.184	blue line	flow W, Church Branch	intermittent
6a-4	1 & 2	**Stream 9**	301	0.114	blue line	flow W, Dwight Creek	perennial
6a-5	1 & 2	**Stream 66**	326	0.072	no signature	Flow SW	intermittend
6a-6	1 & 2	**Stream 11**	496	0.276	no signature	flow SW connect W30 to UT Hunting Swamp	intermittent

FIGURE	ALTERNATIVES	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6a-6	1 & 2	**Stream 12**	358	0.148	blue line	flow W, Sarah Branch	perennial
6a-8	1 & 2	**Stream 67**	177	0.031	no signature	flow S	perennial
6a-10	1 & 2	**Stream 15**	158	0.080	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6a-10	1 & 2	**Stream 16**	213	0.127	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6a-10	1 & 2	**Stream 16b**	492	0.379	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6a-10	1 & 2	**Stream 17**	399	0.210	no signature	flow W to S16	perennial
6a-10	1 & 2	**Stream 18 - Waccamaw River**	304	4.257	Waccamaw River	flow S, name Waccamaw River	perennial
6a-11	2	**Stream 32**	957	0.641	blue line	flow SW to other UT	intermittent
Alternative 1 Total:			7324	7.022			
Alternative 2 Total:			8281	7.663			

TABLE 37: ALTERNATIVES 1 AND 2 OPEN WATERS

FIGURE	ALTERNATIVES	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6a-1	1 & 2	**Pond 1**	0.120	freshwater pond	flow east to Stream 1, natural valley; man made
6a-1	1 & 2	**Pond 2**	0.281	freshwater pond	flow east to Stream 1, natural valley; man made
6a-2	1 & 2	**Pond 2b**	2.583	freshwater pond	isolated; man made
6a-2	1 & 2	**Pond 3**	1.295	freshwater pond	isolated; man made
6a-2	1 & 2	**Pond 4**	0.006	freshwater pond	isolated; man made
6a-3	1 & 2	**Pond 5**	0.058	freshwater pond	adjacent W17; man made
6a-7	1 & 2	**Pond 6**	0.099	No signature	adjacent W36; man made

FIGURE	ALTERNATIVES	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6a-7	1 & 2	**Pond 67**	0.042	no signature	isolated farm pond
6a-11	1	**Pond 29**	0.037	no signature	excavated in upland, SW
6a-11	1	**Pond 30**	0.131	no signature	excavated in upland, comm SW
6a-11	1	**Pond 31**	0.113	no signature	excavated in upland, comm SW
6a-11	1	**Pond 31b**	1.163	no signature	excavated in upland, residential SW
6a-11	1	**Pond 32**	0.993	no signature	excavated in upland, residential SW
6a-11	1	**Pond 70**	0.001	no signature	isolated SW pond
6a-11	2	**Pond 26**	1.919	no signature	adjacent to W81
6a-11	2	**Pond 27**	0.049	no signature	exc in upland, residential SW
6a-11	2	**Pond 28**	0.344	no signature	exc in upland, residential SW
Alternative 1 Total:			6.922		
Alternative 2 Total:			6.796		

TABLE 38: ALTERNATIVES 1 AND 2 NON-AQUATIC LINEAR CONVEYANCE

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6a-1	1 & 2	**NALC 2**	305	connects ag ditches; man made	ephemeral
6a-1	1 & 2	**NALC 3**	455	along ag field; adjacent Wetland 3; man made	ephemeral
6a-1 & 6a-2	1 & 2	**NALC 34**	1796	ditch along farm road	ephemeral
6a-2	1 & 2	**NALC 149**	119	roadside ditch; flow W	ephemeral
6a-2	1 & 2	**NALC 35**	355	roadside and silviculture ditch	ephemeral
6a-2	1 & 2	**NALC 36**	412	silviculture and ag ditch	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6a-2	1 & 2	**NALC 37**	178	road stormdrainage to pond; flow W	ephemeral
6a-2	1 & 2	**NALC 38**	329	ag ditch; flow S	ephemeral
6a-3	1 & 2	**NALC 39**	201	ag ditch; between wetland fingers	ephemeral
6a-3	1 & 2	**NALC 4**	457	flow west along ag field to offsite feature	ephemeral
6a-3	1 & 2	**NALC 40**	589	ag ditch; flow E	ephemeral
6a-3	1 & 2	**NALC 41**	370	ag ditch; flow E	ephemeral
6a-3	1 & 2	**NALC 42**	239	ag ditch; flow S	ephemeral
6a-3	1 & 2	**NALC 43**	78	ag ditch; flow W	ephemeral
6a-3	1 & 2	**NALC 44**	338	ag ditch; flow N	ephemeral
6a-3	1 & 2	**NALC 44b**	1009	silv ditch; flow NE	ephemeral
6a-3	1 & 2	**NALC 45**	85	ag ditch; flow N	ephemeral
6a-4	1 & 2	**NALC 259**	301	ag ditch; flow E	ephemeral
6a-4	1 & 2	**NALC 46**	274	roadside ditch	ephemeral
6a-4	1 & 2	**NALC 47**	265	ag ditch; flow W	ephemeral
6a-4	1 & 2	**NALC 49**	328	roadside ditch; flow SW	ephemeral
6a-4	1 & 2	**NALC 5**	300	ag ditch; flow west to offsite trib to S8	ephemeral
6a-4	1 & 2	**NALC 52**	458	ag ditch	ephemeral
6a-4 & 6a-5	1 & 2	**NALC 53**	711	ag ditch; flow S	ephemeral
6a-5	1 & 2	**NALC 54**	656	drainage ditch; flow SW	ephemeral
6a-5	1 & 2	**NALC 56b**	505	silv ditch	ephemeral
6a-5	1 & 2	**NALC 56**	76	drainage ditch; flow N	ephemeral
6a-5	1 & 2	**NALC 57**	130	silviculture (silv) ditch; flow E	ephemeral
6a-5	1 & 2	**NALC 57b**	580	silv ditch; flow S	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6a-5	1 & 2	**NALC 58**	1397	ag ditch; flow N	ephemeral
6a-5	1 & 2	**NALC 55**	8	drainage ditch; flow SW	ephemeral
6a-6	1 & 2	**NALC 30**	749		ephemeral
6a-6	1 & 2	**NALC 59**	355	ag ditch; flow SE	ephemeral
6a-6	1 & 2	**NALC 60**	804	ag ditch; flow W	ephemeral
6a-6	1 & 2	**NALC 61**	304	roadside ditch; flow W	ephemeral
6a-6	1 & 2	**NALC 62**	224	silv ditch; flow S	ephemeral
6a-6	1 & 2	**NALC 63**	414	silv ditch; flow S	ephemeral
6a-6	1 & 2	**NALC 64**	364	agriculture (ag) ditch; flow S	ephemeral
6a-6	1 & 2	**NALC 65**	301	ag ditch; flow E	ephemeral
6a-6	1 & 2	**NALC 29**	291	ag ditch, drain W to offsite wetland	ephemeral
6a-7	1 & 2	**NALC 66**	102	ag ditch; flow S	ephemeral
6a-7	1 & 2	**NALC 67**	383	ag ditch; flow W	ephemeral
6a-7	1 & 2	**NALC 68**	1107	ag ditch; flow W	ephemeral
6a-7	1 & 2	**NALC 69**	1156	silv ditch; flow S	ephemeral
6a-7	1 & 2	**NALC 70**	225	silv ditch; flow NE	ephemeral
6a-7	1 & 2	**NALC 71**	209	silv ditch; flow NE	ephemeral
6a-7	1 & 2	**NALC 72**	322	silv ditch; flow N	ephemeral
6a-7	1 & 2	**NALC 73b**	346	ag ditch; flow S	ephemeral
6a-7	1 & 2	**NALC 73**	19	silv ditch; flow W	ephemeral
6a-7	1 & 2	**NALC 74**	301	roadside ditch; flow W	ephemeral
6a-7	1 & 2	**NALC 8**	296	ad ditch feeding W36	ephemeral
6a-8	1 & 2	**NALC 74b**	307	silv ditch	ephemeral
6a-8	1 & 2	**NALC 75**	566	silv ditch	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6a-8	1 & 2	**NALC 76**	319	silv ditch	ephemeral
6a-8	1 & 2	**NALC 77**	536	silv ditch; flow N	ephemeral
6a-8	1 & 2	**NALC 9**	156	ag ditch feeding W38	ephemeral
6a-10	1 & 2	**NALC 78**	421	drainage ditch; flow SW	ephemeral
6a-11	1 & 2	**NALC 89**	341	roadside ditch	ephemeral
6a-11	1 & 2	**NALC 90**	339	roadside ditch	ephemeral
6a-11	2	**NALC 16**	547	SW cxn residential ponds to W83; man-made	ephemeral
6a-11	2	**NALC 17**	216	SW cxn residential ponds to Golf ponds; man-made	ephemeral
6a-11	2	**NALC 83**	897	flow NW; drainage ditch	ephemeral
6a-11	2	**NALC 84**	300	flow S; roadside ditch	ephemeral
6a-11	2	**NALC 85**	300	flow S; roadside ditch	ephemeral
6a-11	2	**NALC 86**	358	drainage ditch	ephemeral
6a-11	2	**NALC 87**	476	drainage ditch	ephemeral
6a-11	2	**NALC 88**	453	flow W; drainage/roadside ditch	ephemeral
Alternative 1 Total:			24564		
Alternative 2 Total:			28111		

TABLE 39: ALTERNATIVES 1 AND 2 LOW FLOW CHANNELS

FIGURE	ALTERNATIVES	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6a-1	1 & 2	**LFC 23**	1567	SCDNR stream through a wetland
6a-2	1 & 2	**LFC 2**	315	SCDNR stream through a wetland

FIGURE	ALTERNATIVES	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6a-2	1 & 2	**LFC 3**	334	SCDNR stream through a wetland
6a-4	1 & 2	**LFC 26**	165	silviculture (silv) ditch through wetland
6a-4	1 & 2	**LFC 27**	352	silv ditch through wetland
6a-5	1 & 2	**LFC 27b**	171	silv ditch through wetland
6a-5	1 & 2	**LFC 28**	74	silv ditch through wetland
6a-5	1 & 2	**LFC 4**	305	SCDNR stream through a wetland
6a-5	1 & 2	**LFC 5**	321	SCDNR stream through a wetland
6a-6	1 & 2	**LFC 29**	238	silv ditch through wetland
6a-6	1 & 2	**LFC 30**	415	silv ditch through wetland
6a-7	1 & 2	**LFC 6**	964	SCDNR stream through a wetland
6a-8	1 & 2	**LFC 7**	804	SCDNR stream through a wetland
6a-8	1 & 2	**LFC 8**	335	SCDNR stream through a wetland
6a-9	1 & 2	**LFC 9**	306	SCDNR stream through a wetland
6a-10	1 & 2	**LFC 12**	151	SCDNR stream through a wetland
6a-11	1	**LFC 13**	389	SCDNR stream through a wetland
6a-11	2	**LFC 31**	442	SCDNR stream through a wetland
6a-11	2	**LFC 80**	314	SCDNR stream through a wetland
Alternative 1 Total:			7207	
Alternative 2 Total:			7574	

TABLE 40: ALTERNATIVES 3 AND 4 WETLAND IMPACTS

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6b-1	3 & 4	**Wetland 1**	6.728	PFO	Blue line system	Hydric	Flow east to Palmetto Swamp

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6b-1	3 & 4	**Wetland 2**	1.777	PFO	no signature	Hydric	flow west to NALC1 to offiste pond/wetland
6b-1	3 & 4	**Wetland 4**	6.573	PFO	no signature	Hydric	flow west to Ratan Branch
6b-2	3 & 4	**Wetland 5**	1.346	no signature	no signature	Hydric	isolated
6b-2	3 & 4	**Wetland 6**	6.596	PFO	Brown Swamp	Hydric	Brown Swamp
6b-2	3 & 4	**Wetland 7**	1.716	PFO	green	Hyrdric	drain west by Stream 4 to S3 to Brown Swamp
6b-2	3 & 4	**Wetland 10**	0.831	PEM	swamp	Hydric	drain north to Brown Swamp
6b-2	3 & 4	**Wetland 322**	6.103	PFO	swamp	Hydric	drain N to Brown Swamp
6b-2 & 6b-3	3 & 4	**Wetland 321**	7.594	PFO	swamp	Hydric	flow W to Juniper Bay
6b-3	3 & 4	**Wetland 317**	0.884	no signature	no signature	Hydric	flow E to S48
6b-3	3 & 4	**Wetland 318**	0.935	PFO	named Boyd Canal	Hydric	flow W, named Boyd Canal
6b-3	3 & 4	**Wetland 319**	3.142	PFO	green	Hydric	flow E to larger swamp
6b-3	3 & 4	**Wetland 320**	2.253	PFO	green	Hydric	flow SE to larger swamp
6b-4	3 & 4	**Wetland 310**	2.617	PFO	green	Hydric	flow N to Stream 46
6b-4	3 & 4	**Wetland 311**	0.244	PFO	green	Hydric	flow N to S46
6b-4	3 & 4	**Wetland 312**	6.441	PFO	gren	Hydric	flow N to S46
6b-4	3 & 4	**Wetland 313**	5.388	PFO	green	Hydric	flow N to S46
6b-4	3 & 4	**Wetland 315**	0.655	PFO	green	Hydric	flow E to S46
6b-4	3 & 4	**Wetland 316**	8.834	PFO	swamp	Hydric	flow W, nambed Jenkins Swamp
6b-4	3 & 4	**Wetland 314**	0.188	PFO	green	Hydric	flow N to S46
6b-5	3 & 4	**Wetland 303**	3.713	PFO	green	Hydric	flow N to headwater Pawley Swamp
6b-5	3 & 4	**Wetland 304**	0.788	PFO	green	Hydric	flow S, headwater Pawley Swamp
6b-5	3 & 4	**Wetland 305**	0.634	PFO	green	Hydric	flow S, headwater Pawley Swamp
6b-5	3 & 4	**Wetland 306**	3.202	PFO	green	Hydric	flow NE to pawley swamp
6b-5	3 & 4	**Wetland 307**	0.694	PFO	swamp	Hydric	flow SW, named Big Swamp

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6b-5	3 & 4	**Wetland 308**	3.686	PFO	swamp	Hydric	flow W to larger, named Big Cypress Swamp
6b-5	3 & 4	**Wetland 309**	3.350	PEM	green	Hydric	flow SE to S45
6b-5 & 6b-6	3 & 4	**Wetland 302**	14.536	PFO	swamp	Hydric	flow E to Big Branch
6b-6	3 & 4	**Wetland 299**	0.569	PFO	green	Hydric	isolated by uplands
6b-6	3 & 4	**Wetland 300**	5.289	PFO	green	Hydric	flow NE to Big Branch
6b-6	3 & 4	**Wetland 301**	24.501	PFO	green	Hydric	flow NE ot Big Branch
6b-7	3 & 4	**Wetland 296**	1.774	PFO	green	Hydric	adj Sheep Pen Branch
6b-7	3 & 4	**Wetland 297**	17.836	PFO	green	Hydric	adj headwater Bradley Branch
6b-7	3 & 4	**Wetland 298**	4.349	no signature	no signature	Hydric	cxn Horsepen Branch to SE
6b-8	3 & 4	**Wetland 291**	8.943	PFO	green	Hydric	flow SE to Cowford Swamp
6b-8	3 & 4	**Wetland 292**	1.462	PFO	green	Hydric	flow E to W91 and Cowford
6b-8	3 & 4	**Wetland 293**	14.257	PFO	swamp	Hydric	Flow N to Sheep Pen Branch
6b-8	3 & 4	**Wetland 294**	2.692	PFO	swamp	Hydric	Flow N, adjacent Sheep Pen Branch
6b-8	3 & 4	**Wetland 295**	5.624	PFO	swamp	Hydric	Flow N, adjacnet Sheep Pen Branch
6b-8	3 & 4	**Wetland 240**	0.169	no signature	none	Hydric	flow N
6b-8	3 & 4	**Wetland 241**	0.198	no signature	none	Hydric	flow N
6b-8	3 & 4	**Wetland 242**	0.891	no signature	none	Hydric	flow N
6b-9	3 & 4	**Wetland 89**	6.202	PEM	green, blue line	Hydric	flow NE to offsite reloc blue line
6b-9	3 & 4	**Wetland 290**	3.616	PFO	swamp	Hydric	flow SW, named Cowford Swamp
6b-9 & 6b-10	3 & 4	**Wetland 48**	2.708	PFO	green	Hydric	flows E to S15
6b-10	3 & 4	**Wetland 49**	11.531	PFO	swamp	Hydric	flow SW to S16 offsite
6b-10	3 & 4	**Wetland 50**	8.923	PFO	swamp	Hydric	flow S to S17
6b-10	3 & 4	**Wetland 51**	0.181	PFO	green	Hydric	flow E to larger offsite wetland, S16 to S

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6b-10	3 & 4	**Wetland 52**	4.417	PFO	green	Hydric	flow S to S16
6b-10	3 & 4	**Wetland 53**	18.944	PFO	swamp	Hydric	flow SE to Waccamaw River
6b-10	3 & 4	**Wetland 54**	49.284	PFO	swamp	Hydric	Waccamaw Floodplain
6b-11	3 & 4	**Wetland 79**	1.623	no signature	green	Hydric	flow E to swamp/blueline
6b-11	3	**Wetland 80**	23.582	PFO	swamp	Hydirc	flow N cxn Waccamaw floodplain
6b-11	3	**Wetland 85**	0.414	PFO	int blue line	Hydric	flow S cont to W83
6b-11	3	**Wetland 87**	1.459	PFO	no signature	Hydric	flow S to offiste stream to blue line
6b-11	3 & 4	**Wetland 239**	0.565	no signature	none	Hydric	flow S
6b-11	4	**Wetland 80b**	12.186	PFO	swamp	Hydric	flow N cxn Waccamaw floodplain
6b-11	4	**Wetland 81**	0.596	PFO	swamp	Hydric	flow N to larger offsite wetland
6b-11	4	**Wetland 82**	1.042	PFO	swamp	Hydric	flow N to larger offsite wetland
6b-11	4	**Wetland 83**	8.463	PFO	green	Hydric	flow S along blue line
6b-11	4	**Wetland 84**	4.083	PFO	swamp	Hydric	flow S named Big Swamp
6b-11	4	**Wetland 235**	0.912	PFO	green	Hydric	isolated
Alternative 3 Total:			323.453				
Alternative 4 Total:			325.280				

TABLE 41: ALTERNATIVE 3 STREAM IMPACTS

FIGURE	ALTERNATIVES	STREAM/TRIBUTATRY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6b-1	3 & 4	**Stream 1**	413	0.156	blue line	flow south to Brown Swamp	perennial
6b-1	3 & 4	**Stream 2**	473	0.172	blue line	flow south to Brown Swamp	intermittent
6b-1	3 & 4	**Stream 63**	379	0.077	no signature	flow N to offsite features	intermittent
6b-2	3 & 4	**Stream 3**	571	0.311	crenulation	flow north to Brown Swamp	perennial

FIGURE	ALTERNATIVES	STREAM/TRIBUTATRY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6b-2	3 & 4	**Stream 4**	178	0.067	no signature	flow north to Stream 3, drain W7 W8	perennial
6b-2	3 & 4	**Stream 5**	140	0.057	no signature	flow west to W10	intermittent
6b-3	3 & 4	**Stream 48**	347	0.075	blue line	flow SW, UT Jenkins Swamp	perennial
6b-4	3 & 4	**Stream 46**	3371	1.503	blue line	flow N, UT Jenkins Swamp	perennial
6b-4	3 & 4	**Stream 47**	501	0.332	blue line	flow N, UT Jenkins Swamp	perennial
6b-4	3 & 4	**Stream 586**	317	0.088	no signature	flow NE	intermittent
6b-5	3 & 4	**Stream 42**	397	0.192	no signature	flow NW to headwater Pawley Swamp	intermittent
6b-5	3 & 4	**Stream 43**	263	0.105	blue line	flow S, headwater Pawley Swamp	intermittent
6b-5	3 & 4	**Stream 44**	524	0.358	no signature	flow SW, RELOC SCstream	intermittent
6b-5	3 & 4	**Stream 45**	1502	1.355	no signature	flow S, drain offsite wet to W108	intermittent
6b-5	3 & 4	**Stream 585**	60	0.036	no signature	flow SE	intermittent
6b-7	3 & 4	**Stream 39**	583	0.370	blue line	flow W, Sheep Pen Branch	perennial
6b-7	3 & 4	**Stream 40**	398	0.127	blue line	flow S, headwater Bradley Branch	intermittent
6b-7	3 & 4	**Stream 41**	313	0.156	no signature	flow E, UT to Horsepen Branch	intermittent
6b-8	3 & 4	**Stream 38**	446	0.321	blue line	flow N, Sheep Pen Branch	perennial
6b-9	3 & 4	**Stream 37**	325	0.139	reloc blue line	flow SW to Cowford Swamp	perennial
6b-9 & 6b-10	3 & 4	**Stream 15**	158	0.080	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6b-9 & 6b-10	3 & 4	**Stream 16**	213	0.127	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6b-10	3 & 4	**Stream 17**	399	0.210	no signature	flow W to S16	perennial
6b-10	3 & 4	**Stream 16b**	492	0.379	no signature	flow E to Waccamaw floodplain	perennial
6b-10	3 & 4	**Stream 18 - Waccamaw River**	304	4.257	Waccamaw River	flow S, name Waccamaw River	perennial
6b-11	4	**Stream 32**	957	0.641	blue line	flow SW to other UT	intermittent
Alternative 3 Total:			13067	11.049			

FIGURE	ALTERNATIVES	STREAM/TRIBUTATRY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
		Alternative 4 Total:	14024	11.690			

TABLE 42: ALTERNATIVES 3 AND 4 OPEN WATER IMPACTS

FIGURE	ALTERNATIVES	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6b-1	3 & 4	**Pond 1**	0.120	FWpond	flow east to Stream 1, natural valley; man made
6b-1	3 & 4	**Pond 2**	0.281	FWpond	flow east to Stream 1, natural valley; man made
6b-3	3 & 4	**Pond 36**	0.239	no signature	exc in upland, farm pond
6b-4	3 & 4	**Pond 35**	0.098	FWpond	exc in upland, farm pond
6b-4	3 & 4	**Pond 36b**	0.274	FWpond	direct cxn W116, UT Jenkins swamp
6b-5	3 & 4	**Pond 34**	0.308	FWpond	exc in upland, residential pond
6b-5	3 & 4	**Pond 33**	0.001	no signature	exc in wetland, farm pond
6b-11	3	**Pond 29**	0.037	no signature	exc in upland, SW
6b-11	3	**Pond 30**	0.131	no signature	exc in upland, comm SW
6b-11	3	**Pond 31**	0.113	no signature	exc in upland, comm SW
6b-11	3	**Pond 31b**	1.163	no signature	exc in upland, residential SW
6b-11	3	**Pond 32**	0.993	no signature	exc in upland, residential SW
6b-11	3	**Pond 70**	0.001	no signature	isolated SW pond
6b-11	4	**Pond 26**	1.919	no signature	adjacnet to W81
6b-11	4	**Pond 27**	0.049	no signature	exc in upland, residential SW
6b-11	4	**Pond 28**	0.344	no signature	exc in upland, residential SW
		Alternative 3 Total:	3.758		
		Alternative 4 Total:	3.631		

TABLE 43: ALTERNATIVES 3 AND 4 NON-AQUATIC LINEAR CONVEYANCE

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6b-1	3 & 4	**NALC 2**	305	straight line along ag field	ephemeral
6b-1	3 & 4	**NALC 3**	455	along ag field; adjacent Wetland 3	ephemeral
6b-2	3 & 4	**NALC 145**	775	ag ditch; flow W	ephemeral
6b-2	3 & 4	**NALC 146**	344	ag ditch; flow E	ephemeral
6b-2	3 & 4	**NALC 146b**	1629	silv ditch; flow SE	ephemeral
6b-2	3 & 4	**NALC 147**	142	ag ditch; flow S	ephemeral
6b-2	3 & 4	**NALC 28**	83	ag ditch; drain to W122	ephemeral
6b-2	3 & 4	**NALC 34**	1795	ditch along farm road	ephemeral
6b-2	3 & 4	**NALC 148**	7	ag ditch; flow E	ephemeral
6b-3	3 & 4	**NALC 139**	251	ag ditch; flow N	ephemeral
6b-3	3 & 4	**NALC 140**	330	silv ditch; flow N	ephemeral
6b-3	3 & 4	**NALC 140b**	301	ag ditch; flow W	ephemeral
6b-3	3 & 4	**NALC 141**	434	silv ditch; flow N	ephemeral
6b-3	3 & 4	**NALC 142**	116	silv ditch; flow W	ephemeral
6b-3	3 & 4	**NALC 143**	216	silv ditch; flow N	ephemeral
6b-3	3 & 4	**NALC 144**	384	ag ditch; flow N	ephemeral
6b-3	3 & 4	**NALC 144b**	96	silv ditch; flow E	ephemeral
6b-3	3 & 4	**NALC 25**	320	cut silv. Ditch	ephemeral
6b-3	3 & 4	**NALC 26**	301	ag ditch; connects offsite wetlands	ephemeral
6b-3	3 & 4	**NALC 27b**	696	ag ditch; connects offsite wetlands	ephemeral
6b-3	3 & 4	**NALC 27**	367	ag ditch; connects offsite wetlands	ephemeral
6b-4	3 & 4	**NALC 131**	300	roadside ditch; flow S	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6b-4	3 & 4	**NALC 132**	300	roadside ditch; flow S	ephemeral
6b-4	3 & 4	**NALC 134**	32	ag ditch; flow W	ephemeral
6b-4	3 & 4	**NALC 135**	210	ag ditch; flow E	ephemeral
6b-4	3 & 4	**NALC 136**	193	ag ditch; flow E	ephemeral
6b-4	3 & 4	**NALC 137**	22	ag ditch; flow E	ephemeral
6b-4	3 & 4	**NALC 138**	11	ag ditch; flow E	ephemeral
6b-4	3 & 4	**NALC 24**	567	cut ag ditch; drains between wetlands	ephemeral
6b-5	3 & 4	**NALC 126**	326	ag ditch; flow SW	ephemeral
6b-5	3 & 4	**NALC 127**	303	ag ditch; flow NE	ephemeral
6b-5	3 & 4	**NALC 128**	331	ag ditch; flow SW	ephemeral
6b-5	3 & 4	**NALC 129**	127	drainage ditch; flow W	ephemeral
6b-5	3 & 4	**NALC 23**	349	cut ag ditch; drains between wetlands	ephemeral
6b-6	3 & 4	**NALC 125**	316	silv ditch; flow SE	ephemeral
6b-7	3 & 4	**NALC 115**	381	ag ditch; flow W	ephemeral
6b-7	3 & 4	**NALC 116**	414	ag ditch; flow S	ephemeral
6b-7	3 & 4	**NALC 117**	402	ag ditch; flow W	ephemeral
6b-7	3 & 4	**NALC 118**	419	roadside ditch; flow E	ephemeral
6b-7	3 & 4	**NALC 119**	415	roadside ditch; flow E	ephemeral
6b-7	3 & 4	**NALC 120**	358	roadside ditch; flow E	ephemeral
6b-7	3 & 4	**NALC 121**	357	roadside ditch; flow E	ephemeral
6b-7	3 & 4	**NALC 122**	738	roadside ditch; flow SE	ephemeral
6b-7	3 & 4	**NALC 123**	324	roadside ditch; flow SE	ephemeral
6b-7	3 & 4	**NALC 124**	324	roadside ditch; flow SE	ephemeral
6b-7	3 & 4	**NALC 22**	568	cut silv ditch; drains silv W to Sheep Pen Branch	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6b-8	3 & 4	**NALC 111**	320	powerline drainage ditch; flow NE	ephemeral
6b-8	3 & 4	**NALC 112**	163	silv ditch; flow W	ephemeral
6b-8	3 & 4	**NALC 113**	79	silv ditch; flow W	ephemeral
6b-8	3 & 4	**NALC 114**	326	silv ditch; flow W	ephemeral
6b-8	3 & 4	**NALC 18**	829	cut silvicultural ditch; drain silv. E to Sheep Pen Branch	ephemeral
6b-8	3 & 4	**NALC 19**	311	cut silvicultural ditch; drain silv. E to Sheep Pen Branch	ephemeral
6b-8	3 & 4	**NALC 20**	311	cut silvicultural dich; drain silv. E to Sheep Pen Branch	ephemeral
6b-10	3 & 4	**NALC 78**	421	drainage ditch; flow SW	ephemeral
6b-11	3 & 4	**NALC 89**	341	roadside ditch	ephemeral
6b-11	3 & 4	**NALC 90**	339	roadside ditch	ephemeral
6b-11	4	**NALC 83**	897	drainage ditch; flow NW	ephemeral
6b-11	4	**NALC 84**	300	roadside ditch; flow S	ephemeral
6b-11	4	**NALC 85**	300	roadside ditch; flow S	ephemeral
6b-11	4	**NALC 86**	358	drainage ditch	ephemeral
6b-11	4	**NALC 87**	476	drainage ditch	ephemeral
6b-11	4	**NALC 88**	453	roadside ditch; flow W	ephemeral
6b-11	4	**NALC 16**	547	cut SW ditch; SW cxn residential ponds to W83	ephemeral
6b-11	4	**NALC 17**	216	cut SW ditch; SW cxn residential ponds to golf ponds	ephemeral
Alternative 3 Total:			20874		
Alternative 4 Total:			24421		

TABLE 44: ALTERNATIVES 3 AND 4 LOW FLOW CHANNELS

Figure	Alternatives	Low Flow Channel (LFC) Name	Linear Feet (-lf)	Drainage Pattern
6b-1	3 & 4	**LFC 23**	1567	SCstream through a wetland
6b-2	3 & 4	**LFC 2**	315	SCstream through a wetland
6b-2	3 & 4	**LFC 44**	327	silv ditch through wetland
6b-2	3 & 4	**LFC 45**	231	silv ditch through wetland
6b-3	3 & 4	**LFC 43**	337	weak DEM channel signature through wetland
6b-4	3 & 4	**LFC 42**	189	ag ditch through wetland
6b-4	3 & 4	**LFC 40**	80	ag ditch through wetland
6b-4	3 & 4	**LFC 41**	237	ad ditch through wetland
6b-4	3 & 4	**LFC 37**	404	ag ditch through wetland
6b-4	3 & 4	**LFC 38**	282	ag ditch through wetland
6b-4	3 & 4	**LFC 77**	322	SCstream through wetland
6b-5	3 & 4	**LFC 36**	300	ag ditch through wetland
6b-8	3 & 4	**LFC 34**	1199	silv ditch through wetland
6b-8	3 & 4	**LFC 35**	225	silv ditch through wetland
6b-8	3 & 4	**LFC 33**	266	silv ditch through wetland
6b-10	3 & 4	**LFC 12**	151	SCstream through a wetland
6b-11	3	**LFC 13**	389	SCstream through a wetland
6b-11	4	**LFC 31**	442	SCstream through wetland
6b-11	4	**LFC 80**	314	SCstream through wetland
Alternative 3 Total:			6823	
Alternative 4 Total:			7189	

TABLE 45: ALTERNATIVES 5 AND 6 WETLAND IMPACTS

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6c-1	5 & 6	**Wetland 1**	6.728	PFO	Blue line system	Hydric	Flow east to Palmetto Swamp
6c-1	5 & 6	**Wetland 2**	1.777	PFO	no signature	Hydric	flow west to NALC1 to offiste pond/wetland
6c-1	5 & 6	**Wetland 4**	6.573	PFO	no signature	Hydric	flow west to Ratan Branch
6c-2	5 & 6	**Wetland 5**	1.346	no signature	no signature	Hydric	isolated
6c-2	5 & 6	**Wetland 6**	6.596	PFO	Brown Swamp	Hydric	Brown Swamp
6c-2	5 & 6	**Wetland 7**	1.716	PFO	green	Hyrdric	drain west by Stream 4 to S3 to Brown Swamp
6c-2	5 & 6	**Wetland 10**	0.831	PEM	swamp	Hydric	drain north to Brown Swamp
6c-2	5 & 6	**Wetland 322**	6.103	PFO	swamp	Hydric	drain N to Brown Swamp
6c-2 & 6c-3	5 & 6	**Wetland 321**	7.594	PFO	swamp	Hydric	flow W to Juniper Bay
6c-3	5 & 6	**Wetland 317**	0.884	no signature	no signature	Hydric	flow E to S48
6c-3	5 & 6	**Wetland 318**	0.935	PFO	named Boyd Canal	Hydric	flow W, named Boyd Canal
6c-3	5 & 6	**Wetland 319**	3.142	PFO	green	Hydric	flow E to larger swamp
6c-3	5 & 6	**Wetland 320**	2.253	PFO	green	Hydric	flow SE to larger swamp
6c-4	5 & 6	**Wetland 310**	2.617	PFO	green	Hydric	flow N to Stream 46
6c-4	5 & 6	**Wetland 311**	0.244	PFO	green	Hydric	flow N to S46
6c-4	5 & 6	**Wetland 312**	6.441	PFO	gren	Hydric	flow N to S46
6c-4	5 & 6	**Wetland 313**	5.388	PFO	green	Hydric	flow N to S46
6c-4	5 & 6	**Wetland 314**	0.188	PFO	green	Hydric	flow N to S46
6c-4	5 & 6	**Wetland 315**	0.655	PFO	green	Hydric	flow E to S46
6c-4	5 & 6	**Wetland 316**	8.834	PFO	swamp	Hydric	flow W, nambed Jenkins Swamp
6c-5	5 & 6	**Wetland 303**	2.529	PFO	green	Hydric	flow N to headwater Pawley Swamp
6c-5	5 & 6	**Wetland 304**	0.788	PFO	green	Hydric	flow S, headwater Pawley Swamp
6c-5	5 & 6	**Wetland 305**	0.634	PFO	green	Hydric	flow S, headwater Pawley Swamp
6c-5	5 & 6	**Wetland 306**	3.202	PFO	green	Hydric	flow NE to pawley swamp

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6c-5	5 & 6	**Wetland 307**	0.694	PFO	swamp	Hydric	flow SW, named Big Swamp
6c-5	5 & 6	**Wetland 308**	3.686	PFO	swamp	Hydric	flow W to larger, named Big Cypress Swamp
6c-5	5 & 6	**Wetland 309**	3.350	PEM	green	Hydric	flow SE to S45
6c-6	5 & 6	**Wetland 120**	1.081	PFO	green	Hydric	isolated
6c-6	5 & 6	**Wetland 121**	2.137	PFO	green	Hydric	flow SW to offsite wetlands
6c-6	5 & 6	**Wetland 122**	2.815	PFO	green	Hydric	flow W to offsite wetlands
6c-6	5 & 6	**Wetland 123**	1.539	PFO	green	Hydric	flow W to offsite wetlands
6c-7	5 & 6	**Wetland 219**	2.850	PFO	green	Hydric	flow SW to offsite wetlands
6c-7	5 & 6	**Wetland 159**	10.017	no signature	green	Hydric	flow SE to Waccamaw
6c-7	5 & 6	**Wetland 160**	0.188	PFO	green	Hydric	isolated by pine uplands
6c-8	5 & 6	**Wetland 291**	6.997	PFO	green	Hydric	flow SE to Cowford Swamp
6c-8	5 & 6	**Wetland 156**	5.640	PFO	swamp	Hydric	flow SE to Cowford Swamp
6c-8	5 & 6	**Wetland 157**	5.144	PFO	swamp	Hydric	flow S, Cowford Swamp
6c-8	5 & 6	**Wetland 158**	2.795	PFO	green	Hydric	flow SW to S58
6c-8	5 & 6	**Wetland 240**	0.169	no signature	none	Hydric	flow N
6c-8	5 & 6	**Wetland 241**	0.198	no signature	none	Hydric	flow N
6c-8	5 & 6	**Wetland 242**	0.891	no signature	none	Hydric	flow N
6c-8 & 6c-9	5 & 6	**Wetland 290**	3.616	PFO	swamp	Hydric	flow SW, named Cowford Swamp
6c-9	5 & 6	**Wetland 89**	6.202	PEM	green, blue line	Hydric	flow NE to offsite reloc blue line
6c-9 & 6c-10	5 & 6	**Wetland 48**	2.708	PFO	green	Hydric	flows E to S15
6c-10	5 & 6	**Wetland 49**	11.531	PFO	swamp	Hydric	flow SW to S16 offsite
6c-10	5 & 6	**Wetland 50**	8.923	PFO	swamp	Hydric	flow S to S17
6c-10	5 & 6	**Wetland 51**	0.181	PFO	green	Hydric	flow E to larger offsite wetland, S16 to S
6c-10	5 & 6	**Wetland 52**	4.417	PFO	green	Hydric	flow S to S16

FIGURE	ALTERNATIVES	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6c-10	5 & 6	**Wetland 53**	18.944	PFO	swamp	Hydric	flow SE to Waccamaw River
6c-10	5 & 6	**Wetland 54**	49.284	PFO	swamp	Hydric	Waccamaw Floodplain
6c-11	5 & 6	**Wetland 79**	1.623	no signature	green	Hydric	flow E to swamp/blueline
6c-11	5	**Wetland 80**	23.582	PFO	swamp	Hydirc	flow N cxn Waccamaw floodplain
6c-11	5	**Wetland 85**	0.414	PFO	int blue line	Hydric	flow S cont to W83
6c-11	5	**Wetland 87**	1.459	PFO	no signature	Hydric	flow S to offiste stream to blue line
6c-11	5 & 6	**Wetland 239**	0.565	no signature	none	Hydric	flow S
6b-11	6	**Wetland 80b**	12.186	PFO	swamp	Hydric	flow N cxn Waccamaw floodplain
6b-11	6	**Wetland 81**	0.596	PFO	swamp	Hydric	flow N to larger offsite wetland
6b-11	6	**Wetland 82**	1.042	PFO	swamp	Hydric	flow N to larger offsite wetland
6b-11	6	**Wetland 83**	8.463	PFO	green	Hydric	flow S along blue line
6b-11	6	**Wetland 84**	4.083	PFO	swamp	Hydric	flow S named Big Swamp
6b-11	6	**Wetland 235**	0.912	PFO	green	Hydric	isolated
Alternative 5 Total:			261.640				
Alternative 6 Total:			263.467				

TABLE 46: ALTERNATIVES 5 AND 6 STREAM IMPACTS

FIGURE	ALTERNATIVES	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6c-1	5 & 6	**Stream 1**	413	0.156	blue line	flow south to Brown Swamp	perennial
6c-1	5 & 6	**Stream 2**	473	0.172	blue line	flow south to Brown Swamp	intermittent
6c-1	5 & 6	**Stream 63**	379	0.077	no signature	flow N to offsite features	intermittent
6c-2	5 & 6	**Stream 3**	571	0.311	crenulation	flow north to Brown Swamp	perennial
6c-2	5 & 6	**Stream 4**	178	0.067	no signature	flow north to Stream 3, drain W7 W8	perennial

FIGURE	ALTERNATIVES	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6c-2	5 & 6	**Stream 5**	140	0.057	no signature	flow west to W10	intermittent
6c-3	5 & 6	**Stream 48**	347	0.075	blue line	flow SW, UT Jenkins Swamp	perennial
6c-4	5 & 6	**Stream 46**	3371	1.503	blue line	flow N, UT Jenkins Swamp	perennial
6c-4	5 & 6	**Stream 47**	501	0.332	blue line	flow N, UT Jenkins Swamp	perennial
6c-4	5 & 6	**Stream 586**	317	0.088	no signature	flow NE	intermittent
6c-5	5 & 6	**Stream 42**	397	0.192	no signature	flow NW to headwater Pawley Swamp	intermittent
6c-5	5 & 6	**Stream 43**	263	0.105	blue line	flow S, headwater Pawley Swamp	intermittent
6c-5	5 & 6	**Stream 44**	524	0.358	no signature	flow SW, RELOC SCstream	intermittent
6c-5	5 & 6	**Stream 45**	1502	1.355	no signature	flow S, drain offsite wet to W108	intermittent
6c-5	5 & 6	**Stream 585**	60	0.036	no signature	flow SE	intermittent
6c-7	5 & 6	**Stream 60**	123	0.060	no signature	flow S to Waccamaw	intermittent
6c-7	5 & 6	**Stream 61**	369	0.146	no signature	flow S to Waccamaw	intermittent
6c-7	5 & 6	**Stream 62**	309	0.085	blue line	flow W	intermittent
6c-7	5 & 6	**Stream 587**	301	0.131	no signature	flow E	intermittent
6c-8	5 & 6	**Stream 57**	303	0.151	no signature	flow SE to Cowford Swamp	intermittent
6c-8	5 & 6	**Stream 58**	541	0.194	partial blue line	flow W to Cowford Swamp	intermittent
6c-8	5 & 6	**Stream 59**	688	0.390	blue line	flow S to Waccamaw floodplain	perennial
6c-9	5 & 6	**Stream 37**	325	0.139	reloc blue line	flow SW to Cowford Swamp	perennial
6c-9 & 6c-10	5 & 6	**Stream 15**	158	0.080	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6c-9 & 6c-10	5 & 6	**Stream 16**	213	0.127	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6c-10	5 & 6	**Stream 17**	399	0.210	no signature	flow W to S16	perennial
6c-10	5 & 6	**Stream 16b**	492	0.379	along crenulation	flow E to Waccamaw floodplain	perennial
6c-10	5 & 6	**Stream 18 - Waccamaw River**	304	4.257	Waccamaw River	flow S, name Waccamaw River	perennial

FIGURE	ALTERNATIVES	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6b-11	6	**Stream 32**	957	0.641	blue line	flow SW to other UT	intermittent
Alternative 5 Total:			13961	11.231			
Alternative 6 Total:			14918	11.872			

TABLE 47: ALTERNATIVES 5 AND 6 OPEN WATER IMPACTS

FIGURE	ALTERNATIVES	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6c-1	5 & 6	**Pond 1**	0.120	FWpond	flow east to Stream 1, natural valley; man made
6c-1	5 & 6	**Pond 2**	0.281	FWpond	flow east to Stream 1, natural valley; man made
6c-3	5 & 6	**Pond 36**	0.239	no signature	exc in upland, farm pond
6c-4	5 & 6	**Pond 35**	0.098	FWpond	exc in upland, farm pond
6c-4	5 & 6	**Pond 36b**	0.274	FWpond	direct cxn W116, UT Jenkins swamp
6c-5	5 & 6	**Pond 33**	0.001	no signature	exc in wetland, farm pond
6c-5	5 & 6	**Pond 34**	0.308	FWpond	exc in upland, residential pond
6c-6	5 & 6	**Pond 109**	0.255	pubh	exc in upland, residential SW
6c-7	5 & 6	**Pond 53**	0.307	FWpond	exc in uplands; farm pond
6c-8	5 & 6	**Pond 52**	0.039	no signature	exc in uplands; farm pond
6c-11	5	**Pond 29**	0.037	no signature	exc in upland, SW
6c-11	5	**Pond 30**	0.131	no signature	exc in upland, Comm SW
6c-11	5	**Pond 31**	0.113	no signature	exc in upland, comm SW
6c-11	5	**Pond 31b**	1.163	no signature	exc in upland, residential SW
6c-11	5	**Pond 32**	0.993	no signature	exc in upland, residential SW
6c-11	5	**Pond 70**	0.001	no signature	isolated SW pond
6b-11	6	**Pond 26**	1.919	no signature	adjacnet to W81

FIGURE	ALTERNATIVES	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6b-11	6	**Pond 27**	0.049	no signature	exc in upland, residential SW
6b-11	6	**Pond 28**	0.344	no signature	exc in upland, residential SW
Alternative 5 Total:			4.358		
Alternative 6 Total:			4.232		

TABLE 48: ALTERNATIVES 5 AND 6 NON-AQUATIC LINEAR CONVEYANCES

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6c-1	5 & 6	**NALC 2**	305	straight line along ag field; connects ag ditches	ephemeral
6c-1	5 & 6	**NALC 3**	455	along ag field; adjacent Wetland 3	ephemeral
6c-1 & 6c-2	5 & 6	**NALC 34**	1795	ditch along farm road	ephemeral
6c-2	5 & 6	**NALC 145**	775	ag ditch; flow W	ephemeral
6c-2	5 & 6	**NALC 146**	344	ag ditch; flow E	ephemeral
6c-2	5 & 6	**NALC 146b**	1629	silv ditch; flow SE	ephemeral
6c-2	5 & 6	**NALC 147**	142	ag ditch; flow S	ephemeral
6c-2	5 & 6	**NALC 148**	7	ag ditch; flow E	ephemeral
6c-2	5 & 6	**NALC 28**	83	ag ditch; drains to W122	ephemeral
6c-3	5 & 6	**NALC 139**	251	ag ditch; flow N	ephemeral
6c-3	5 & 6	**NALC 140**	330	silv ditch; flow N	ephemeral
6c-3	5 & 6	**NALC 140b**	301	ag ditch; flow W	ephemeral
6c-3	5 & 6	**NALC 141**	434	silv ditch; flow N	ephemeral
6c-3	5 & 6	**NALC 142**	116	silv ditch; flow W	ephermal
6c-3	5 & 6	**NALC 143**	216	silv ditch; flow N	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6c-3	5 & 6	**NALC 144**	384	ag ditch; flow N	ephemeral
6c-3	5 & 6	**NALC 144b**	96	silv ditch; flow E	ephemeral
6c-3	5 & 6	**NALC 25**	320	cut silv. Ditch; no significant cxn	ephemeral
6c-3	5 & 6	**NALC 26**	301	ag ditch; connect offsite wetlands	ephemeral
6c-3	5 & 6	**NALC 27b**	696	ag ditch; connect offsite wetlands	ephemeral
6c-3	5 & 6	**NALC 27**	367	ag ditch; connect offsite wetlands	ephemeral
6c-4	5 & 6	**NALC 131**	300	roadside ditch; flow S	ephemeral
6c-4	5 & 6	**NALC 132**	300	roadside ditch; flow S	ephemeral
6c-4	5 & 6	**NALC 134**	32	ag ditch; flow W	ephemeral
6c-4	5 & 6	**NALC 135**	210	ag ditch; flow E	ephemeral
6c-4	5 & 6	**NALC 136**	193	ag ditch; flow E	ephemeral
6c-4	5 & 6	**NALC 137**	22	ag ditch; flow E	ephemeral
6c-4	5 & 6	**NALC 138**	11	ag ditch; flow E	ephemeral
6c-4	5 & 6	**NALC 24**	567	cut ag ditch; drain between wetlands	ephemeral
6c-5	5 & 6	**NALC 126**	326	ag ditch; flow SW	ephemeral
6c-5	5 & 6	**NALC 127**	303	ag ditch; flow NE	ephemeral
6c-5	5 & 6	**NALC 128**	331	ag ditch; flow SW	ephemeral
6c-5	5 & 6	**NALC 129**	127	drainage ditch; flow W	ephemeral
6c-5	5 & 6	**NALC 23**	349	cut ag ditch; drain between wetlands	ephemeral
6c-6	5 & 6	**NALC 244**	441	ag ditch; flow N	ephemeral
6c-6	5 & 6	**NALC 245**	712	ag ditch; flow N	ephemeral
6c-6	5 & 6	**NALC 246**	542	ag ditch; flow N	ephemeral
6c-6	5 & 6	**NALC 249**	563	silv ditch; flow E	ephemeral
6c-6	5 & 6	**NALC 92**	720	along ag fields; drains into offsite wetlands	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6c-7	5 & 6	**NALC 208**	350	silv ditch; flow E	ephemeral
6c-7	5 & 6	**NALC 209**	362	silv ditch; flow S	ephemeral
6c-7	5 & 6	**NALC 243**	433	ag ditch; flow N	ephemeral
6c-8	5 & 6	**NALC 104**	223	roadside ditch; flow N	ephemeral
6c-8	5 & 6	**NALC 105**	238	roadside ditch; flow N	ephemeral
6c-8	5 & 6	**NALC 106**	55	roadside ditch; flow S	ephemeral
6c-8	5 & 6	**NALC 107**	97	roadside ditch; flow S	ephemeral
6c-8	5 & 6	**NALC 108b**	361	ag ditch; flow E	ephemeral
6c-8	5 & 6	**NALC 108**	320	silv ditch	ephemeral
6c-8	5 & 6	**NALC 109**	353	ag ditch; flow E	ephemeral
6c-8	5 & 6	**NALC 110**	42	ag ditch; flow E	ephemeral
6c-8	5 & 6	**NALC 111**	320	powerline drainage ditch; flow NE	ephemeral
6c-8	5 & 6	**NALC 210**	346	silv ditch; flow W	ephemeral
6c-8	5 & 6	**NALC 211**	657	ag ditch; flow S	ephemeral
6c-8	5 & 6	**NALC 212**	478	ag ditch; flow S	ephemeral
6c-8	5 & 6	**NALC 213**	309	ag ditch; flow S	ephemeral
6c-10	5 & 6	**NALC 78**	421	drainage ditch; flow SW	ephemeral
6c-11	5 & 6	**NALC 89**	341	roadside ditch	ephemeral
6c-11	5 & 6	**NALC 90**	339	roadside ditch	ephemeral
6b-11	6	**NALC 83**	897	drainage ditch; flow NW	ephemeral
6b-11	6	**NALC 84**	300	roadside ditch; flow S	ephemeral
6b-11	6	**NALC 85**	300	roadside ditch; flow S	ephemeral
6b-11	6	**NALC 86**	358	drainage ditch	ephemeral
6b-11	6	**NALC 87**	476	drainage ditch	ephemeral

FIGURE	ALTERNATIVES	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6b-11	6	**NALC 88**	453	roadside ditch; flow W	ephemeral
6b-11	6	**NALC 16**	547	cut SW ditch; SW cxn residential ponds to W83	ephemeral
6b-11	6	**NALC 17**	216	cut SW ditch; SW cxn residential ponds to golf ponds	ephemeral
Alternative 5 Total:			21441		
Alternative 6 Total:			24988		

TABLE 49: ALTERNATIVES 5 AND 6 LOW-FLOW CHANNEL IMPACTS

FIGURE	ALTERNATIVES	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6c-1	5 & 6	**LFC 23**	1567	SCstream through a wetland
6c-2	5 & 6	**LFC 2**	315	SCstream through a wetland
6c-2	5 & 6	**LFC 44**	327	silv ditch through wetland
6c-2	5 & 6	**LFC 45**	231	silv ditch through wetland
6c-3	5 & 6	**LFC 43**	337	weak DEM channel signature through wetland
6c-4	5 & 6	**LFC 42**	189	ag ditch through wetland
6c-4	5 & 6	**LFC 40**	80	ag ditch through wetland
6c-4	5 & 6	**LFC 41**	237	ad ditch through wetland
6c-4	5 & 6	**LFC 37**	404	ag ditch through wetland
6c-4	5 & 6	**LFC 38**	282	ag ditch through wetland
6c-4	5 & 6	**LFC 77**	322	SCstream through wetland
6c-5	5 & 6	**LFC 36**	300	ag ditch through wetland
6c-6	5 & 6	**LFC 69**	312	SCstream through wetland
6c-6	5 & 6		312	SCstream through wetland

FIGURE	ALTERNATIVES	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6c-7	5 & 6	**LFC 16**	322	SCstream through a wetland
6c-7	5 & 6	**LFC 25**	310	SCstream through a wetland
6c-7	5 & 6	**LFC 65**	143	ag ditch through wetland
6c-8	5 & 6	**LFC 15**	417	SCstream through a wetland
6c-8	5 & 6	**LFC 32**	557	silv ditch through wetland
6c-10	5 & 6	**LFC 12**	151	SCstream through a wetland
6c-11	5	**LFC 13**	389	SCstream through a wetland
6b-11	6	**LFC 31**	442	SCstream through wetland
6b-11	6	**LFC 80**	314	SCstream through wetland
Alternative 5 Total:			7505	
Alternative 6 Total:			7872	

TABLE 50: ALTERNATIVE 7 WETLAND IMPACTS

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6d-1	7	**Wetland 1**	6.728	PFO	Blue line system	Hydric	Flow east to Palmetto Swamp
6d-1	7	**Wetland 2**	1.777	PFO	no signature	Hydric	flow west to NALC1 to offiste pond/wetland
6d-1	7	**Wetland 4**	6.573	PFO	no signature	Hydric	flow west to Ratan Branch
6d-2	7	**Wetland 5**	1.346	No	no signature	Hydric	isolated
6d-2	7	**Wetland 6**	6.596	PFO	Brown Swamp	Hydric	Brown Swamp
6d-2	7	**Wetland 7**	1.716	PFO	green	Hyrdric	drain west by Stream 4 to S3 to Brown Swamp
6d-2	7	**Wetland 10**	0.831	PEM	swamp	Hydric	drain north to Brown Swamp
6d-2	7	**Wetland 322**	6.103	PFO	swamp	Hydric	drain N to Brown Swamp
6d-2 & 6d-3	7	**Wetland 321**	7.594	PFO	swamp	Hydric	flow W to Juniper Bay

6d-3	7	**Wetland 317**	0.884	no signature	no signature	Hydric	flow E to S48
6d-3	7	**Wetland 318**	0.935	PFO	named Boyd Canal	Hydric	flow W, named Boyd Canal
6d-3	7	**Wetland 319**	3.142	PFO	green	Hydric	flow E to larger swamp
6d-3	7	**Wetland 320**	2.253	PFO	green	Hydric	flow SE to larger swamp
6d-4	7	**Wetland 310**	2.617	PFO	green	Hydric	flow N to Stream 46
6d-4	7	**Wetland 311**	0.244	PFO	green	Hydric	flow N to S46
6d-4	7	**Wetland 312**	6.441	PFO	gren	Hydric	flow N to S46
6d-4	7	**Wetland 313**	5.388	PFO	green	Hydric	flow N to S46
6d-4	7	**Wetland 314**	0.188	PFO	green	Hydric	flow N to S46
6d-4	7	**Wetland 315**	0.655	PFO	green	Hydric	flow E to S46
6d-4	7	**Wetland 316**	8.834	PFO	swamp	Hydric	flow W, nambed Jenkins Swamp
6d-5	7	**Wetland 303**	2.529	PFO	green	Hydric	flow N to headwater Pawley Swamp
6d-5	7	**Wetland 304**	0.788	PFO	green	Hydric	flow S, headwater Pawley Swamp
6d-5	7	**Wetland 305**	0.634	PFO	green	Hydric	flow S, headwater Pawley Swamp
6d-5	7	**Wetland 306**	3.202	PFO	green	Hydric	flow NE to pawley swamp
6d-5	7	**Wetland 307**	0.694	PFO	swamp	Hydric	flow SW, named Big Swamp
6d-5	7	**Wetland 308**	3.686	PFO	swamp	Hydric	flow W to larger, named Big Cypress Swamp
6d-5	7	**Wetland 309**	3.350	PEM	green	Hydric	flow SE to S45
6d-6	7	**Wetland 123**	8.718	PFO	green	hydric	flow W to offsite wetlands
6d-6	7	**Wetland 147**	0.002	PFO	swamp	Hydric	flow S to Halfway Swamp
6d-6	7	**Wetland 148**	8.660	PFO	swamp	Hydric	flow E, Halfway Swamp
6d-6	7	**Wetland 149**	6.546	PFO	swamp	Hydric	flow E, Halfway Swamp
6d-6	7	**Wetland 150**	5.516	PFO	swamp	Hydric	flow N, halfway swamp
6d-7	7	**Wetland 151**	9.274	PFO	swamp	Hydric	floodplain
6d-7	7	**Wetland 152**	69.787	PFO	swamp	Hydric	Waccamaw floodplain
6d-7	7	**Wetland 153**	3.148	PFO	swamp	Hydric	flow N to Waccamaw
6d-8	7	**Wetland 154**	12.146	PEM	swamp	Hydric	flow S to Waccamaw
6d-8	7	**Wetland 155**	42.436	PFO	swamp	Hydric	flow S to Waccamaw
Alternative 7 Total:			251.962				

TABLE 51: ALTERNATIVE 7 STREAM IMPACTS

FIGURE	ALTERNATIVE	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6d-1	7	**Stream 1**	413	0.156	blue line	flow south to Brown Swamp	perennial
6d-1	7	**Stream 2**	473	0.172	blue line	flow south to Brown Swamp	intermittent
6d-1	7	**Stream 63**	379	0.077	no signature	flow N to offsite features	intermittent
6d-2	7	**Stream 3**	571	0.311	crenulation	flow north to Brown Swamp	perennial
6d-2	7	**Stream 4**	178	0.067	no signature	flow north to Stream 3, drain W7 W8	perennial
6d-2	7	**Stream 5**	140	0.057	no signature	flow west to W10	intermittent
6d-3	7	**Stream 48**	347	0.075	blue line	flow SW, UT Jenkins Swamp	perennial
6d-4	7	**Stream 46**	3371	1.503	blue line	flow N, UT Jenkins Swamp	perennial
6d-4	7	**Stream 47**	501	0.332	blue line	flow N, UT Jenkins Swamp	perennial
6d-4	7	**Stream 586**	317	0.088	no signature	flow NE	intermittent
6d-5	7	**Stream 42**	397	0.192	no signature	flow NW to headwater Pawley Swamp	intermittent
6d-5	7	**Stream 43**	263	0.105	blue line	flow S, headwater Pawley Swamp	intermittent
6d-5	7	**Stream 44**	524	0.358	no signature	flow SW, RELOC SCstream	intermittent
6d-5	7	**Stream 45**	1502	1.355	no signature	flow S, drain offsite wet to W108	intermittent
6d-5	7	**Stream 585**	60	0.036	no signature	flow SE	intermittent
6d-6	7	**Stream 52**	492	0.438	blue line	flow N, UT Waccamaw	perennial
6d-7	7	**Stream 201**	229	0.061	blue line	Flows NW to offsite wetland/ Waccamaw	intermittent
6d-7	7	**Stream 54**	310	0.202	blue line	UT Waccamaw	perennial
6d-7	7	**Stream 53 - Waccamaw River**	374	1.909	blue line	flow S to ICW, name Waccamaw River	perennial
6d-8	7	**Stream 55**	99	0.022	RELOC blue line	RELOC blue line through pond system	Perennial
Alternative 7 Total:			10940	7.515			

TABLE 52: ALTERNATIVE 7 OPEN WATER IMPACTS

FIGURE	ALTERNATIVE	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6d-1	7	**Pond 1**	0.120	FWpond	flow east to Stream 1, natural valley; man made
6d-1	7	**Pond 2**	0.281	FWpond	flow east to Stream 1, natural valley; man made
6d-3	7	**Pond 36**	0.239	no signature	exc in upland, farm pond
6d-4	7	**Pond 35**	0.098	FWpond	exc in upland, farm pond
6d-4	7	**Pond 36b**	0.274	FWpond	direct cxn W116, UT Jenkins swamp
6d-5	7	**Pond 33**	0.001	no signature	exc in wetland, farm pond
6d-5	7	**Pond 34**	0.308	FWpond	exc in upland, residential pond
6d-7	7	**Pond 49**	0.458	FWpond	abuts W153
6d-8	7	**Pond 50**	2.479	FWpond	redirected blue line; golf course pond
6d-8	7	**Pond 51**	2.125	FWpond	assoc w/ blue line system; golf course pond
Alternative 7 Total:			6.382		

TABLE 53: ALTERNATIVE 7 NON-AQUATIC LINEAR CONVEYANCES

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6d-1	7	**NALC 2**	305	straight line along ag field; connects ag ditches	ephemeral
6d-1	7	**NALC 3**	455	along ag field; adjacent W3	ephemeral
6d-1 & 6d-2	7	**NALC 34**	1795	ditch along farm road	ephemeral
6d-2	7	**NALC 145**	775	ag ditch; flow W	ephemeral
6d-2	7	**NALC 146**	344	ag ditch; flow E	ephemeral
6d-2	7	**NALC 146b**	1629	silv ditch; flow SE	ephemeral
6d-2	7	**NALC 147**	142	ag ditch; flow S	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6d-2	7	**NALC 148**	7	ag ditch; flow E	ephemeral
6d-2	7	**NALC 28**	83	ag ditch; drain to W122	ephemeral
6d-3	7	**NALC 139**	251	ag ditch; flow N	ephemeral
6d-3	7	**NALC 140b**	301	ag ditch; flow W	ephemeral
6d-3	7	**NALC 140**	330	silv ditch; flow N	ephemeral
6d-3	7	**NALC 141**	434	silv ditch; flow N	ephemeral
6d-3	7	**NALC 142**	116	silv ditch; flow W	ephermal
6d-3	7	**NALC 143**	216	silv ditch; flow N	ephemeral
6d-3	7	**NALC 144b**	96	silv ditch; flow E	ephemeral
6d-3	7	**NALC 144**	384	ag ditch; flow N	ephemeral
6d-3	7	**NALC 25**	320	cut silv. Ditch; no significant cxn	ephemeral
6d-3	7	**NALC 26**	301	ag ditch; connect offsite wetlands	ephemeral
6d-3	7	**NALC 27**	367	ag ditch; connect offsite wetlands	ephemeral
6d-3	7	**NALC 27b**	696	ag ditch; connect offsite wetlands	ephemeral
6d-4	7	**NALC 131**	300	roadside ditch; flow S	ephemeral
6d-4	7	**NALC 132**	300	roadside ditch; flow S	ephemeral
6d-4	7	**NALC 134**	32	ag ditch; flow W	ephemeral
6d-4	7	**NALC 135**	210	ag ditch; flow E	ephemeral
6d-4	7	**NALC 136**	193	ag ditch; flow E	ephemeral
6d-4	7	**NALC 137**	22	ag ditch; flow E	ephemeral
6d-4	7	**NALC 138**	11	ag ditch; flow E	ephemeral
6d-4	7	**NALC 24**	567	cut ag ditch; drain between wetlands	ephemeral
6d-5	7	**NALC 126**	326	ag ditch; flow SW	ephemeral
6d-5	7	**NALC 127**	303	ag ditch; flow NE	ephemeral
6d-5	7	**NALC 128**	331	ag ditch; flow SW	ephemeral
6d-5	7	**NALC 129**	127	drainage ditch; flow W	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6d-5	7	**NALC 23**	349	cut ag ditch; drain between offsite wetlands	ephemeral
6d-6	7	**NALC 198**	80	drainage ditch; flow SE	ephemeral
6d-6	7	**NALC 247**	313	ag ditch; flow SE	ephemeral
6d-6	7	**NALC 248**	180	silv ditch; flow SE	ephemeral
6d-6	7	**NALC 249**	563	silv ditch; flow E	ephemeral
6d-6	7	**NALC 93**	1238	along ag fields; drains into offsite wetlands	ephemeral
6d-7	7	**NALC 215**	115	ag ditch; flow N	ephemeral
6d-7	7	**NALC 214**	1	ag ditch; flow N	ephemeral
Alternative 7 Total:			14908		

TABLE 54: ALTERNATIVE 7 LOW FLOW CHANNEL IMPACTS

FIGURE	ALTERNATIVE	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6d-1	7	**LFC 23**	1567	SCstream through a wetland
6d-2	7	**LFC 44**	327	silv ditch through wetland
6d-2	7	**LFC 45**	231	silv ditch through wetland
6d-2	7	**LFC 2**	315	SCstream through a wetland
6d-3	7	**LFC 43**	337	weak DEM channel signature through wetland
6d-4	7	**LFC 37**	404	ag ditch through wetland
6d-4	7	**LFC 40**	80	ag ditch through wetland
6d-4	7	**LFC 77**	322	SCstream through wetland
6d-4	7	**LFC 41**	237	ad ditch through wetland
6d-4	7	**LFC 38**	282	ag ditch through wetland
6d-4	7	**LFC 42**	189	ag ditch through wetland
6d-5	7	**LFC 36**	300	ag ditch through wetland
6d-6	7	**LFC 67**	549	SCstream through wetland

FIGURE	ALTERNATIVE	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6d-6	7	**LFC 68**	414	SCstream through wetland
Alternative 7 Total:			5555	

TABLE 55: ALTERNATIVES 8 AND 9 WETLAND IMPACTS

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6e-1	8 & 9	**Wetland 1**	6.728	PFO	Blue line system	Hydric	Flow east to Palmetto Swamp
6e-1	8 & 9	**Wetland 2**	1.777	PFO	no signature	Hydric	flow west to NALC1 to offiste pond/wetland
6e-1	8 & 9	**Wetland 4**	3.522	PFO	no signature	Hydric	flow west to Ratan Branch
6e-2	8 & 9	**Wetland 323**	9.254	PFO	swamp	Hydric	drain W, named Brown Swamp
6e-2	8 & 9	**Wetland 124**	4.519	PFO	swamp	Hydric	drain NW to Brown Swamp
6e-2	8 & 9	**Wetland 125**	12.245	PFO	green	Hydric	drain N to Brown Swamp
6e-2	8 & 9	**Wetland 126**	2.105	PFO	green	Hydric	drain E to Ned Creek
6e-2	8 & 9	**Wetland 127**	4.377	PFO	green	Hydric	drain E to Ned Creek
6e-3	8 & 9	**Wetland 127b**	0.339	PFO	no signature	Hydric	isolated by uplands
6e-3	8 & 9	**Wetland 128**	6.860	PFO	green	Hydric	flow S to Oakey Swamp
6e-3	8 & 9	**Wetland 129**	1.929	PFO	green	Hydric	flow NW to Beaver Hole Swamp
6e-3	8 & 9	**Wetland 130**	1.773	PFO	green	Hydric	flow NW to Beaver Hole Swamp
6e-4	8	**Wetland 131**	0.112	PFO	swamp	Hydric	flow W to Jenkins Swamp
6e-4	8	**Wetland 132**	0.950	PFO	green	Hydric	flow W to Jenkins Swamp
6e-4	8	**Wetland 133**	4.986	PFO	swamp	Hydric	flow S to Jenkinis Swamp
6e-4	8	**Wetland 134**	2.512	PFO	swamp	Hydric	flow SW to Jenkins Swamp
6e-4	8	**Wetland 135**	1.650	PFO	swamp	Hydric	flow SW to Jenkins swamp
6e-4	8	**Wetland 136**	0.234	PFO	green	Hydric	flow E, headwater Willow Springs Branch
6e-4	8	**Wetland 137**	12.369	PFO	green	Hydric	Flow SE, headwater WIllow Springs Branch

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6e-4	9	**Wetland 137b**	14.986	PFO	green	Hydric	Flow SE, headwater WIllow Springs Branch
6e-4	9	**Wetland 138**	3.925	PFO	green	Hydric	flow E to larger contig. system
6e-4	9	**Wetland 139**	2.490	PFO	green	Hydric	flow N, headwater to blueline system
6e-4	9	**Wetland 140**	3.034	PFO	green	Hydric	flow N, headwater to blueline system
6e-5	8 & 9	**Wetland 141**	4.694	PFO	swamp	Hydric	flow N, blue line system
6e-5	8 & 9	**Wetland 142**	4.731	PEM	green	Hydric	flow S to blue line system
6e-5	8 & 9	**Wetland 143**	3.533	PFO	green	Hydric	flow NW, headwater blue line system
6e-6	8 & 9	**Wetland 144**	1.109	PFO	green	Hydric	flow S to blue line system
6e-6	8 & 9	**Wetland 145**	1.591	PFO	green	Hydric	flow W to blue line systerm
6e-6	8 & 9	**Wetland 146**	15.068	PFO	green	Hydric	flow NW to blue line system/ flow E to larger system
6e-6	8 & 9	**Wetland 147**	0.002	PFO	swamp	Hydric	flow S to Halfway Swamp
6e-6	8 & 9	**Wetland 148**	8.660	PFO	swamp	Hydric	flow E, Halfway Swamp
6e-6	8 & 9	**Wetland 149**	6.546	PFO	swamp	Hydric	flow E, Halfway Swamp
6e-6	8 & 9	**Wetland 150**	5.516	PFO	swamp	Hydric	flow N, halfway swamp
6e-6 & 6e-7	8 & 9	**Wetland 151**	9.274	PFO	swamp	Hydric	floodplain
6e-7	8 & 9	**Wetland 152**	69.787	PFO	swamp	Hydric	Waccamaw floodplain
6e-7	8 & 9	**Wetland 153**	3.148	PFO	swamp	Hydric	flow N to Waccamaw
6e-8	8 & 9	**Wetland 154**	12.146	PEM	swamp	Hydric	flow S to Waccamaw
6e-8	8 & 9	**Wetland 155**	42.436	PFO	swamp	Hydric	flow S to Waccamaw
Alternative 8 Total:			266.485				
Alternative 9 Total:			268.106				

TABLE 56: ALTERNATIVES 8 AND 9 STREAM IMPACTS

FIGURE	ALTERNATIVE	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6e-1	8 & 9	**Stream 63**	379	0.077	no signature	flow N to offsite features	intermittent
6e-1	8 & 9	**Stream 76**	380	0.129	no signature	flow s to Brown swamp	intermittent
6e-3	8 & 9	**Stream 50**	451	0.183	blue line	flow N, Beaver Hole Swamp	perennial
6e-3	8 & 9	**Stream 49**	410	0.173	blue line	flow NE, Oakey Swamp	perennial
6e-6	8 & 9	**Stream 51**	347	0.179	blue line	flow E, blue line	perennial
6e-6	8 & 9	**Stream 52**	492	0.438	blue line	flow N, UT Waccamaw	perennial
6e-7	8 & 9	**Stream 201**	229	0.061	blue line	Flows NW to offsite wetland/ Waccamaw	intermittent
6e-7	8 & 9	**Stream 54**	310	0.202	blue line	UT Waccamaw	perennial
6e-6 & 6e-7	8 & 9	**Stream 53 - Waccamaw River**	374	1.909	Waccamaw River	flow S to ICW, name Waccamaw River	perennial
6e-8	8 & 9	**Stream 55**	99	0.022	RELOC blue line	RELOC blue line through pond system	Perennial
Alternative 8 Total:			3471	3.372			
Alternative 9 Total:			3471	3.372			

TABLE 57: ALTERNATIVES 8 AND 9 OPEN WATER IMPACTS

FIGURE	ALTERNATIVE	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6e-1	8 & 9	**Pond 37**	2.313	no signature	exc in upland, farm pond
6e-2	8 & 9	**Pond 38**	0.034	FWpond	direct cxn W to offsite wetlands; farm pond
6e-3	8 & 9	**Pond 39**	0.075	FWpond	exc in upland, residential pond
6e-3	8 & 9	**Pond 40**	0.064	FWpond	exc in upland, residential pond

FIGURE	ALTERNATIVE	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6e-4	8 & 9	**Pond 41**	0.219	FWpond	exc in upland, farm pond
6e-4	8	**Pond 43**	0.399	PEM	exc in wetland
6e-4	9	**Pond 45**	0.012	FWpond	cxn Wetland S
6e-4	8	**Pond 45b**	0.503	FWpond	cxn Wetland S
6e-4	9	**Pond 46**	0.399	FWpond	cxn W to wetland
6e-4	9	**Pond 47**	0.540	no signature	exc in upland, residential SW
6e-4	9	**Pond 48**	0.233	FWpond	flow N to adjacent wetland
6e-4	9	**Pond 47b**	0.040	FWpond	cxn E to offsite pond/wetland
6e-7	8 & 9	**Pond 49**	0.458	FWpond	abuts W153
6e-8	8 & 9	**Pond 50**	2.479	FWpond	redirected blue line; golf course pond
6e-8	8 & 9	**Pond 51**	2.125	FWpond	assoc w/ blue line system; golf course pond
Alternative 8 Total:			8.670		
Alternative 9 Total:			8.991		

TABLE 58: ALTERNATIVES 8 AND 9 NON-AQUATIC LINEAR FEATURE IMPACTS

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6e-1	8 & 9	**NALC 2**	305	straight line along ag field; connect ag ditches	ephemeral
6e-1	8 & 9	**NALC 3**	455	along ag field; adjacent Wetland 3	ephemeral
6e-2	8 & 9	**NALC 150**	322	silv ditch; flow W	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6e-2	8 & 9	**NALC 151**	189	ag ditch; flow NW	ephemeral
6e-2	8 & 9	**NALC 152**	345	roadside ditch; flow W	ephemeral
6e-2	8 & 9	**NALC 153b**	424	ag ditch; flow S	ephemeral
6e-2	8 & 9	**NALC 153**	344	roadside ditch; flow W	ephemeral
6e-2	8 & 9	**NALC 154**	497	roadside ditch; flow S	ephemeral
6e-2	8 & 9	**NALC 155**	370	ag ditch; flow E	ephemeral
6e-2	8 & 9	**NALC 158**	487	ag ditch; flow N	ephemeral
6e-2	8 & 9	**NALC 159**	320	ag ditch; flow E	ephemeral
6e-2	8 & 9	**NALC 157**	28	roadside ditch; flow S	ephemeral
6e-3	8 & 9	**NALC 160**	483	ag ditch	ephemeral
6e-3	8 & 9	**NALC 161**	362	ag ditch; flow S	ephemeral
6e-3	8 & 9	**NALC 162**	104	ag ditch; flow E	ephemeral
6e-3	8 & 9	**NALC 162b**	218	silv ditch; flow E	ephemeral
6e-3	8 & 9	**NALC 163**	576	silv ditch; flow N	ephemeral
6e-3	8 & 9	**NALC 163b**	300	silv ditch; flow W	ephemeral
6e-3	8 & 9	**NALC 164**	301	roadside ditch; flow W	ephemeral
6e-3	8 & 9	**NALC 165**	301	roadside ditch; flow W	ephemeral
6e-4	8	**NALC 171**	920	roadside ditch; flow E	ephemeral
6e-4	8 & 9	**NALC 166**	301	silv ditch; flow W	ephemeral
6e-4	8 & 9	**NALC 167b**	328	silv ditch; flow W	ephemeral
6e-4	8 & 9	**NALC 167**	302	silv ditch; flow W	ephemeral
6e-4	8 & 9	**NALC 168**	300	silv ditch; flow W	ephemeral
6e-4	8	**NALC 172b**	85	silv ditch; flow S	ephemeral
6e-4	8	**NALC 172**	1181	roadside ditch; flow S	ephemeral
6e-4	8	**NALC 173**	304	silv ditch; flow S	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6e-4	9	**NALC 170**	300	drainage ditch; flow N	ephemeral
6e-4	9	**NALC 174**	300	drainage ditch	ephemeral
6e-5	8 & 9	**NALC 176**	662	silv ditch; flow NW	ephemeral
6e-5	8 & 9	**NALC 177**	55	roadside ditch; flow NE	ephemeral
6e-5	8 & 9	**NALC 178**	311	silv ditch; flow NE	ephemeral
6e-5	8 & 9	**NALC 179**	871	roadside dich; flow E	ephemeral
6e-5	8 & 9	**NALC 180**	200	roadside ditch; flow E	ephemeral
6e-5	8 & 9	**NALC 181**	305	roadside ditch; flow E	ephemeral
6e-5	8 & 9	**NALC 182**	71	silv ditch; flow N	ephemeral
6e-5	8 & 9	**NALC 183**	82	silv ditch; flow N	ephemeral
6e-5	8 & 9	**NALC 184**	1376	silv ditch; flow NW	ephemeral
6e-5	8 & 9	**NALC 185**	384	roadside ditch; flow N	ephemeral
6e-5	8 & 9	**NALC 186**	91	silv ditch; flow N	ephemeral
6e-5	8 & 9	**NALC 186b**	161	silv ditch; flow S	ephemeral
6e-5	8 & 9	**NALC 187**	339	silv ditch; flow W	ephemeral
6e-6	8 & 9	**NALC 188**	303	roadside ditch; flow E	ephemeral
6e-6	8 & 9	**NALC 189**	302	roadside ditch; flow E	ephemeral
6e-6	8 & 9	**NALC 191**	300	silv ditch; flow SE	ephemeral
6e-6	8 & 9	**NALC 193**	150	roadside ditch; flow NW	ephemeral
6e-6	8 & 9	**NALC 194**	99	roadside ditch; flow NW	ephemeral
6e-6	8 & 9	**NALC 195**	445	ag ditch; flow E	ephemeral
6e-6	8 & 9	**NALC 197**	220	ag ditch; flow SE	ephemeral
6e-6	8 & 9	**NALC 198**	80	drainage ditch; flow SE	ephemeral
6e-6	8 & 9	**NALC 93**	355	along ag fields; drains offsite into wetlands	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6e-7	8 & 9	**NALC 215**	115	ag ditch; flow N	ephemeral
6e-7	8 & 9	**NALC 214**	1	ag ditch; flow N	ephemeral
Alternative 8 Total:			17731		
Alternative 9 Total:			15842		

TABLE 59: ALTERNATIVES 8 AND 9 LOW-FLOW CHANNEL IMPACTS

FIGURE	ALTERNATIVE	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6e-1	8 & 9	**LFC 23**	1567	SCstream through a wetland
6e-2	8 & 9	**LFC 46**	304	SCstream through wetland
6e-2	8 & 9	**LFC 47**	302	silv ditch through wetland
6e-2	8 & 9	**LFC 48**	1152	silv ditch through wetland
6e-2	8 & 9	**LFC 49**	342	ag ditch through wetland
6e-2	8 & 9	**LFC 49b**	178	silv ditch through wetland
6e-2	8 & 9	**LFC 50**	315	silv ditch through wetland
6e-2	8 & 9	**LFC 51**	229	ag ditch through wetland
6e-2	8 & 9	**LFC 52**	567	silv ditch through wetland
6e-3	8 & 9	**LFC 53**	419	SCstream through wetland
6e-3	8 & 9	**LFC 54**	349	SCstream through wetland
6e-4	8	**LFC 53b**	300	drainage ditch through wetland
6e-4	9	**LFC 54b**	523	silv ditch through wetland
6e-4	9	**LFC 55**	501	SCstream along wetland
6e-5	8 & 9	**LFC 56**	352	SCstream through wetland
Alternative 8 Total:			6375	

FIGURE	ALTERNATIVE	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
Alternative 9 Total:			7099	

TABLE 60: ALTERNATIVES 10 THROUGH 13 WETLAND IMPACTS

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6f-1	10 - 13	**Wetland 1**	6.728	PFO	Blue line system	Hydric	Flow east to Palmetto Swamp
6f-1	10 - 13	**Wetland 2**	1.777	PFO	no signature	Hydric	flow west to NALC1 to offiste pond/wetland
6f-1	10 - 13	**Wetland 4**	3.522	PFO	no signature	Hydric	flow west to Ratan Branch
6f-2	10 - 13	**Wetland 323**	9.254	PFO	swamp	Hydric	draen W, named Brown Swamp
6f-2	10 - 13	**Wetland 124**	4.519	PFO	swamp	Hydric	drain NW to Brown Swamp
6f-2	10 - 13	**Wetland 125**	12.245	PFO	green	Hydric	drain N to Brown Swamp
6f-2	10 - 13	**Wetland 126**	2.105	PFO	green	Hydric	drain E to Ned Creek
6f-2	10 - 13	**Wetland 127**	4.377	PFO	green	Hydric	drain E to Ned Creek
6f-3	10 - 13	**Wetland 127b**	0.339	PFO	no signature	Hydric	isolated by uplands
6f-3	10 - 13	**Wetland 128**	6.860	PFO	green	Hydric	flow S to Oakey Swamp
6f-3	10 - 13	**Wetland 129**	1.929	PFO	green	Hydric	flow NW to Beaver Hole Swamp
6f-3	10 - 13	**Wetland 130**	1.773	PFO	green	Hydric	flow NW to Beaver Hole Swamp
6f-4	10 & 12	**Wetland 131**	0.112	PFO	swamp	Hydric	flow W to Jenkins Swamp
6f-4	10 & 12	**Wetland 132**	0.950	PFO	green	Hydric	flow W to Jenkins Swamp
6f-4	10 & 12	**Wetland 133**	4.986	PFO	swamp	Hydric	flow S to Jenkinis Swamp
6f-4	10 & 12	**Wetland 134**	2.512	PFO	swamp	Hydric	flow SW to Jenkins Swamp
6f-4	10 & 12	**Wetland 135**	1.650	PFO	swamp	Hydric	flow SW to Jenkins swamp
6f-4	10 & 12	**Wetland 136**	0.234	PFO	green	Hydric	flow E, headwater Willow Springs Branch

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6f-4	10 & 12	**Wetland 137**	12.369	PFO	green	Hydric	Flow SE, headwater WIllow Springs Branch
6f-4	11 & 13	**Wetland 137b**	14.986	PFO	green	Hydric	Flow SE, headwater WIllow Springs Branch
6f-5	10 - 13	**Wetland 141**	4.694	PFO	swamp	Hydric	flow N, blue line system
6f-5	10 - 13	**Wetland 142**	4.731	PEM	green	Hydric	flow S to blue line system
6f-5	10 - 13	**Wetland 143**	3.533	PFO	green	Hydric	flow NW, headwater blue line system
6f-6	10 - 13	**Wetland 218**	6.845	PFO	green/swamp	hydric	flow SE to Waccamaw
6f-6	10 - 13	**Wetland 144**	1.109	PFO	green	Hydric	flow S to blue line system
6f-6	10 - 13	**Wetland 162**	1.208	PFO	green	Hydric	flow SE, headwater blue line system
6f-6 & 6f-7	10 - 13	**Wetland 123**	19.485	PFO	green	hydric	flow W to offsite wetlands
6f-7	10 - 13	**Wetland 159**	10.017	no signature	green	Hydric	flow SE to Waccamaw
6f-7	10 - 13	**Wetland 161**	2.923	Riverine	green	Hydric	flow NE to S62
6f-8	10 - 13	**Wetland 291**	6.997	PFO	green	Hydric	flow SE to Cowford Swamp
6f-8	10 - 13	**Wetland 156**	5.640	PFO	swamp	Hydric	flow SE to Cowford Swamp
6f-8	10 - 13	**Wetland 157**	5.144	PFO	swamp	Hydric	flow S, Cowford Swamp
6f-8	10 - 13	**Wetland 158**	2.795	PFO	green	Hydric	flow SW to S58
6f-8	10 - 13	**Wetland 240**	0.169	no signature	none	hydric	flow N
6f-8	10 - 13	**Wetland 241**	0.198	no signature	none	hydric	flow N
6f-8	10 - 13	**Wetland 242**	0.891	no signature	none	hydric	flow N
6f-8 & 6f-9	10 - 13	**Wetland 290**	3.616	PFO	swamp	Hydric	flow SW, named Cowford Swamp
6f-9	10 - 13	**Wetland 89**	6.202	PEM	green, blue line	Hydric	flow NE to offsite reloc blue line
6f-9 & 6f-10	10 - 13	**Wetland 48**	2.708	PFO	green	Hydric	flows E to S15
6f-10	10 - 13	**Wetland 49**	11.531	PFO	swamp	Hydric	flow SW to S16 offsite
6f-10	10 - 13	**Wetland 50**	8.923	PFO	swamp	Hydric	flow W to S16 offsite/flow S to S17

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6f-10	10 - 13	**Wetland 51**	0.181	PFO	green	Hydric	flow E to larger offsite wetland, S16 to S
6f-10	10 - 13	**Wetland 52**	4.417	PFO	green	Hydric	flow S to S16
6f-10	10 - 13	**Wetland 53**	18.944	PFO	swamp	Hydric	flow SE to Waccamaw River
6f-10	10 - 13	**Wetland 54**	49.284	PFO	swamp	Hydric	Waccamaw Floodplain
6f-11	10 - 13	**Wetland 79**	1.623	no signature	green	Hydric	flow E to swamp/blueline
6f-11	10 & 11	**Wetland 80**	23.582	PFO	swamp	Hydirc	flow N cxn Waccamaw floodplain
6f-11	10 & 11	**Wetland 85**	0.414	PFO	int blue line	Hydric	flow S cont to W83
6f-11	10 & 11	**Wetland 87**	1.459	PFO	no signature	Hydric	flow S to offiste stream to blue line
6f-11	10 - 13	**Wetland 239**	0.565	no signature	none	hydric	flow S
6f-11	12 & 13	**Wetland 80b**	12.186	PFO	swamp	Hydirc	flow N cxn Waccamaw floodplain
6f-11	12 & 13	**Wetland 81**	0.596	PFO	swamp	Hydric	flow N to larger offsite wetland
6f-11	12 & 13	**Wetland 82**	1.042	PFO	swamp	Hydric	flow N to larger offsite wetland
6f-11	12 & 13	**Wetland 83**	8.463	PFO	green	Hydric	flow S along blue line
6f-11	12 & 13	**Wetland 84**	4.083	PFO	swamp	Hydric	flow S named Big Swamp
6f-11	12 & 13	**Wetland 235**	0.912	PFO	green	Hydric	isolated
	Alternative 10 Total:		288.074				
	Alternative 11 Total:		280.245				
	Alternative 12 Total:		289.900				
	Alternative 13 Total:		282.072				

TABLE 61: ALTERNATIVES 10 THROUGH 13 STREAM IMPACTS

FIGURE	ALTERNATIVE	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6f-1	10 - 13	**Stream 63**	379	0.077	no signature	flow N to offsite features	intermittent

FIGURE	ALTERNATIVE	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6f-1	10 - 13	**Stream 76**	380	0.129	no signature	flow s to Brown swamp	intermittent
6f-3	10 - 13	**Stream 50**	451	0.183	blue line	flow N, Beaver Hole Swamp	perennial
6f-3	10 - 13	**Stream 49**	410	0.173	blue line	flow NE, Oakey Swamp	perennial
6f-6	10 - 13	**Stream 51**	347	0.179	blue line	flow E, blue line	perennial
6f-7	10 - 13	**Stream 60**	123	0.060	no signature	flow S to Waccamaw	intermittent
6f-7	10 - 13	**Stream 61**	369	0.146	no signature	flow S to Waccamaw	intermittent
6f-7	10 - 13	**Stream 62**	318	0.098	blue line	flow W	intermittent
6f-7	10 - 13	**Stream 588**	315	0.084	no signature	flow E	intermittent
6f-7	10 - 13	**Stream 589**	323	0.117	no signature	flow E	intermittent
6f-8	10 - 13	**Stream 57**	303	0.151	no signature	flow SE to Cowford Swamp	intermittent
6f-8	10 - 13	**Stream 58**	541	0.194	partial blue line	flow W to Cowford Swamp	intermittent
6f-8	10 - 13	**Stream 59**	688	0.390	blue line	flow S to Waccamaw floodplain	perennial
6f-9	10 - 13	**Stream 37**	325	0.139	reloc blue line	flow SW to Cowford Swamp	perennial
6f-9 & 6f-10	10 - 13	**Stream 15**	158	0.080	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6f-9 & 6f-10	10 - 13	**Stream 16**	213	0.127	along crenulation	flow SW, ultimate cxn Waccama floodplain	perennial
6f-10	10 - 13	**Stream 17**	399	0.210	no signature	flow W to S16	perennial
6f-10	10 - 13	**Stream 16b**	492	0.379	no signature	flow E to Waccamaw floodplain	perennial
6f-10	10 - 13	**Stream 18 - Waccamaw River**	304	4.257	Waccamaw River	flow S, name Waccamaw River	perennial
6f-11	12 & 13	**Stream 32**	957	0.641	blue line	flow SW to other UT	intermittent
Alternative 10 Total:		6838		7.171			
Alternative 11 Total:		6838		7.171			
Alternative 12 Total:		7795		7.812			
Alternative 13 Total:		7795		7.812			

FIGURE	ALTERNATIVE	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6f-1	10 - 13	**Pond 37**	2.313	no signature	exc in upland, farm pond
6f-2	10 - 13	**Pond 38**	0.034	FWpond	direct cxn W to offsite wetlands; farm pond
6f-3	10 - 13	**Pond 39**	0.075	FWpond	exc in upland, residential pond
6f-3	10 - 13	**Pond 40**	0.064	FWpond	exc in upland, residential pond
6f-4	10 - 13	**Pond 41**	0.219	FWpond	exc in upland, farm pond
6f-4	10 & 12	**Pond 43**	0.399	PEM	exc in wetland
6f-4	10 & 12	**Pond 45**	0.012	FWpond	cxn Wetland S
6f-4	11 & 13	**Pond 45b**	0.503	FWpond	cxn Wetland S
6f-4	11 & 13	**Pond 46**	0.399	FWpond	cxn W to wetland
6f-4	11 & 13	**Pond 47**	0.540	no signature	exc in upland, residential SW
6f-4	11 & 13	**Pond 47b**	0.040	FWpond	cxn E to offsite pond/wetland
6f-4	11 & 13	**Pond 48**	0.233	FWpond	flow N to adjacent wetland
6f-6	10 - 13	**Pond 54**	0.039	FWpond	direct cxn to S51; farm pond JD cxn
6f-8	10 - 13	**Pond 52**	0.039	no signature	exc in uplands; farm pond
6f-11	10 & 11	**Pond 29**	0.037	no signature	exc in upland, SW
6f-11	10 & 11	**Pond 30**	0.131	no signature	exc in upland, Comm SW
6f-11	10 & 11	**Pond 31**	0.113	no signature	exc in upland, comm SW
6f-11	10 & 11	**Pond 31b**	1.163	no signature	exc in upland, residential SW
6f-11	10 & 11	**Pond 32**	0.993	no signature	exc in upland, residential SW
6f-11	10 & 11	**Pond 70**	0.001	no signature	isolated SW pond
6f-11	12 & 13	**Pond 26**	1.919	no signature	adjacnet to W81
6f-11	12 & 13	**Pond 27**	0.049	no signature	exc in upland, residential SW
6f-11	12 & 13	**Pond 28**	0.344	no signature	exc in upland, residential SW
Alternative 10 Total:			5.633		

Alternative 11 Total:	6.937		
Alternative 12 Total:	5.506		
Alternative 13 Total:	6.810		

^^TABLE 62: ALTERNATIVES 10 THROUGH 13 OPEN WATER IMPACTS

TABLE 63: ALTERNATIVES 10 THROUGH 13 NON-AQUATIC LINEAR FEATURE IMPACTS

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTION
6f-1	10 - 13	**NALC 2**	305	straight line along ag field; connect ag ditches	ephemeral
6f-1	10 - 13	**NALC 3**	455	along ag field; adjacent Wetland 3	ephemeral
6f-2	10 - 13	**NALC 150**	322	silv ditch; flow W	ephemeral
6f-2	10 - 13	**NALC 151**	189	ag ditch; flow NW	ephemeral
6f-2	10 - 13	**NALC 152**	345	roadside ditch; flow W	ephemeral
6f-2	10 - 13	**NALC 153**	344	roadside ditch; flow W	ephemeral
6f-2	10 - 13	**NALC 153b**	424	ag ditch; flow S	ephemeral
6f-2	10 - 13	**NALC 154**	497	roadside ditch; flow S	ephemeral
6f-2	10 - 13	**NALC 155**	370	ag ditch; flow E	ephemeral
6f-2	10 - 13	**NALC 157**	28	roadside ditch; flow S	ephemeral
6f-2	10 - 13	**NALC 158**	487	ag ditch; flow N	ephemeral
6f-2	10 - 13	**NALC 159**	320	ag ditch; flow E	ephemeral
6f-3	10 - 13	**NALC 160**	483	ag ditch	ephemeral
6f-3	10 - 13	**NALC 161**	362	ag ditch; flow S	ephemeral
6f-3	10 - 13	**NALC 162**	104	ag ditch; flow E	ephemeral
6f-3	10 - 13	**NALC 162b**	218	silv ditch; flow E	ephemeral
6f-3	10 - 13	**NALC 163b**	300	silv ditch; flow W	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTION
6f-3	10 - 13	**NALC 163**	576	silv ditch; flow N	ephemeral
6f-3	10 - 13	**NALC 164**	301	roadside ditch; flow W	ephemeral
6f-3	10 - 13	**NALC 165**	301	roadside ditch; flow W	ephemeral
6f-4	10 - 13	**NALC 166**	301	silv ditch; flow W	ephemeral
6f-4	10 - 13	**NALC 167b**	328	silv ditch; flow W	ephemeral
6f-4	10 - 13	**NALC 167**	302	silv ditch; flow W	ephemeral
6f-4	10 - 13	**NALC 168**	300	silv ditch; flow W	ephemeral
6f-4	10 & 12	**NALC 171**	920	roadside ditch; flow E	ephemeral
6f-4	10 & 12	**NALC 172**	1181	roadside ditch; flow S	ephemeral
6f-4	10 & 12	**NALC 172b**	85	silv ditch; flow S	ephemeral
6f-4	10 & 12	**NALC 173**	304	silv ditch; flow S	ephemeral
6f-4	11 & 13	**NALC 170**	300	drainage ditch; flow N	ephemeral
6f-4	11 & 13	**NALC 174**	300	drainage ditch	ephemeral
6f-5	10 - 13	**NALC 176**	662	silv ditch; flow NW	ephemeral
6f-5	10 - 13	**NALC 177**	55	roadside ditch; flow NE	ephemeral
6f-5	10 - 13	**NALC 178**	311	silv ditch; flow NE	ephemeral
6f-5	10 - 13	**NALC 179**	871	roadside dich; flow E	ephemeral
6f-5	10 - 13	**NALC 180**	200	roadside ditch; flow E	ephemeral
6f-5	10 - 13	**NALC 181**	305	roadside ditch; flow E	ephemeral
6f-5	10 - 13	**NALC 182**	71	silv ditch; flow N	ephemeral
6f-5	10 - 13	**NALC 183**	82	silv ditch; flow N	ephemeral
6f-5	10 - 13	**NALC 184**	1376	silv ditch; flow NW	ephemeral
6f-5	10 - 13	**NALC 185**	384	roadside ditch; flow N	ephemeral
6f-5	10 - 13	**NALC 186**	91	silv ditch; flow N	ephemeral
6f-5	10 - 13	**NALC 186b**	161	silv ditch; flow S	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTION
6f-5	10 - 13	**NALC 187**	339	silv ditch; flow W	ephemeral
6f-6	10- 13	**NALC 188**	303	roadside ditch; flow E	ephemeral
6f-6	10- 13	**NALC 189**	302	roadside ditch; flow E	ephemeral
6f-6	10- 13	**NALC 192**	352	silv ditch; flow SE	ephemeral
6f-6	10- 13	**NALC 196**	300	ag ditch; flow E	ephemeral
6f-7	10 - 13	**NALC 199**	342	ag ditch; flow NW	ephemeral
6f-7	10 - 13	**NALC 200**	312	ag ditch; flow NW	ephemeral
6f-7	10 - 13	**NALC 201**	311	ag ditch; flow NW	ephemeral
6f-7	10 - 13	**NALC 202**	313	roadside ditch; flow W	ephermeral
6f-7	10 - 13	**NALC 203**	315	roadside ditch; flow W	ephemeral
6f-7	10 - 13	**NALC 204**	317	ag ditch; flow N	ephemeral
6f-7	10 - 13	**NALC 205**	411	drainage ditch	ephemeral
6f-7	10 - 13	**NALC 206**	303	silv ditch; flow E	ephemeral
6f-7	10 - 13	**NALC 207**	668	silv ditch; flow N	ephemeral
6f-7	10 - 13	**NALC 208**	350	silv ditch; flow E	ephemeral
6f-7	10 - 13	**NALC 209**	362	silv ditch; flow S	ephemeral
6f-8	10 - 13	**NALC 104**	223	roadside ditch; flow N	ephemeral
6f-8	10 - 13	**NALC 105**	238	roadside ditch; flow N	ephemeral
6f-8	10 - 13	**NALC 106**	55	roadside ditch; flow S	ephemeral
6f-8	10 - 13	**NALC 107**	97	roadside ditch; flow S	ephemeral
6f-8	10 - 13	**NALC 108**	320	silv ditch	ephemeral
6f-8	10 - 13	**NALC 108b**	361	ag ditch; flow E	ephemeral
6f-8	10 - 13	**NALC 109**	353	ag ditch; flow E	ephemeral
6f-8	10 - 13	**NALC 110**	42	ag ditch; flow E	ephemeral
6f-8	10 - 13	**NALC 111**	320	powerline drainage ditch; flow NE	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTION
6f-8	10 - 13	**NALC 210**	346	silv ditch; flow W	ephemeral
6f-8	10 - 13	**NALC 211**	657	ag ditch; flow S	ephemeral
6f-8	10 - 13	**NALC 212**	478	ag dtich; flow S	ephemeral
6f-8	10 - 13	**NALC 213**	309	ag ditch; flow S	ephemeral
6f-10	10 - 13	**NALC 78**	421	drainage ditch; flow SW	ephemeral
6f-11	10 - 13	**NALC 89**	341	roadside ditch	ephemeral
6f-11	10 - 13	**NALC 90**	339	roadside ditch	ephemeral
6f-11	12 & 13	**NALC 16**	547	cut SW ditch; csn residential ponds to W83	ephemeral
6f-11	12 & 13	**NALC 17**	216	cut SW ditch; SW cxn residential ponds to golf ponds	ephemeral
6f-11	12 & 13	**NALC 83**	897	drainage ditch; flow NW	ephemeral
6f-11	12 & 13	**NALC 84**	300	roadside ditch; flow S	ephemeral
6f-11	12 & 13	**NALC 85**	300	roadside ditch; flow S	ephemeral
6f-11	12 & 13	**NALC 86**	358	drianage ditch	ephemeral
6f-11	12 & 13	**NALC 87**	476	drainage ditch	ephemeral
6f-11	12 & 13	**NALC 88**	453	drainage ditch; flow W	ephemeral
Alternative 10 Total:			25522		
Alternative 11 Total:			23632		
Alternative 12 Total:			29069		
Alternative 13 Total:			27179		

FIGURE	ALTERNATIVE	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6f-1	10 - 13	**LFC 23**	1567	SCstream through a wetland
6f-2	10 - 13	**LFC 46**	304	SCstream through wetland
6f-2	10 - 13	**LFC 47**	302	silv ditch through wetland
6f-2	10 - 13	**LFC 48**	1152	silv ditch through wetland
6f-2	10 - 13	**LFC 49b**	178	silv ditch through wetland
6f-2	10 - 13	**LFC 49**	342	ag ditch through wetland
6f-2	10 - 13	**LFC 50**	315	silv ditch through wetland
6f-2	10 - 13	**LFC 51**	229	ag ditch through wetland
6f-2	10 - 13	**LFC 52**	567	silv ditch through wetland
6f-3	10 - 13	**LFC 53**	419	SCstream through wetland
6f-3	10 - 13	**LFC 54**	349	SCstream through wetland
6f-4	10 & 12	**LFC 53b**	300	drainage ditch through wetland
6f-4	11 & 13	**LFC 54b**	523	silv ditch through wetland
6f-4	11 & 13	**LFC 55**	501	SCstream along wetland
6f-5	10 - 13	**LFC 56**	352	SCstream through wetland
6f-6	10 - 13	**LFC 17**	1327	SCstream through a wetland
6f-6	10 - 13	**LFC 18**	305	SCstream through a wetland
6f-7	10 - 13	**LFC 24**	277	SCstream through a wetland
6f-8	10 - 13	**LFC 15**	417	SCstream through a wetland
6f-8	10 - 13	**LFC 32**	557	silv ditch through wetland
6f-10	10 - 13	**LFC 12**	151	SCstream through a wetland
6f-11	10 & 11	**LFC 13**	389	SCstream through a wetland
6f-11	12 & 13	**LFC 80**	314	SCstream through wetland
6f-11	12 & 13	**LFC 31**	442	SCstream through wetland
Alternative 10 Total:			9798	
Alternative 11 Total:			10522	

Alternative 12 Total:	10165	
Alternative 13 Total:	10888	

^^TABLE 64: ALTERNATIVES 10 THROUGH 13 LOW-FLOW CHANNEL IMPACTS

TABLE 65: ALTERNATIVES 14 THROUGH 16 WETLAND IMPACTS

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6g-1	14 - 16	**Wetland 90**	0.427	PFO	green	Hydric	flow E, UT to Brown Swamp
6g-1	14 - 16	**Wetland 91**	0.810	PFO	green	Hydric	flow E, Brown Swamp
6g-1	14 - 16	**Wetland 92**	0.406	PFO	green	Hydric	flow S to offsite wetland
6g-1	14 - 16	**Wetland 168**	0.074	no signature	no signature	Hydric	flow SW to trib
6g-1	14 - 16	**Wetland 169**	0.066	no signature	no signature	Hydric	flow SW to trib
6g-2	14 - 16	**Wetland 93**	1.199	PFO	green	Hydric	flow E; UT to Mary Branch
6g-2	14 - 16	**Wetland 94**	0.161	PFO	green/swamp	Hydric	flow S from Mary's branch; drains to Crabtree
6g-2	14 - 16	**Wetland 95**	0.085	PFO	green	Hydric	flow E to offsite wetland/ fourmile swamp
6g-2	14 - 16	**Wetland 96**	0.372	PFO	green	Hydric	flow SW to Crabtree swamp
6g-3	16	**Wetland 97**	0.216	PFO	green	Hydric	flow SE to Crabtree Swamp
6g-3	16	**Wetland 98**	0.444	None	green/swamp	Hydric	Flow east/abuts Crabtree swamp
6g-3 & 6g-6	16	**Wetland 99**	20.859	PFO/PSS	green/swamp	hydric	flow SE to Waccamaw
6g-4	14 & 15	**Wetland 110**	2.059	PFO	swamp	hydric	flow to Crabtree swamp
6g-5	14 & 15	**Wetland 105**	6.789	PFO	green	hydric	flow to waccamaw
6g-5	14 & 15	**Wetland 106**	8.168	PFO	green	hydric	Bear swamp, flow to Waccamaw
6g-5	14 & 15	**Wetland 107**	10.609	PSS	no signature	hydric	isolated
6g-5	14 & 15	**Wetland 108**	3.595	PFO/PSS	green/swamp	hydric	flow SW to Willow Spring Branch
6g-5	14 & 15	**Wetland 109**	10.795	PFO	green	hydric	flow E to Altman Branch

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
6g-5 & 6g-6 & 6g-7	14 & 15	**Wetland 104**	82.848	PFO	green/swamp	hydric	flow to Waccamaw
6g-5 & 6g-6 & 6g-7	15	**Wetland 104b**	55.925	PFO	green/swamp	hydric	flow to Waccamaw
6g-6	16	**Wetland 100**	0.427	PEM/PSS	green	hydric	flow S to Waccamaw
6g-6	16	**Wetland 101**	1.950	PFO	swamp	hydric	flow NE to UT to Waccamaw
6g-6	15 & 16	**Wetland 102**	0.245	PFO	green	hydric	flow E to UT
6g-6	15	**Wetland 244**	0.290	riverine	none	hydric	flow SW
6g-6	15	**Wetland 101**	1.494	PFO	swamp	hydric	flow NE to UT to Waccamaw
6g-7	15 & 16	**Wetland 103**	0.529	PFO	green	hydric	flow offsite to wetland/UT
6g-7	15 & 16	**Wetland 111**	0.428	PFO	green	hydric	flow S to UT
6g-7	15 & 16	**Wetland 167**	0.343	PFO	green	Hydric	flow S to trib
6g-8	14 - 16	**Wetland 112**	1.535	PFO/PEM	green/swamp	hydric	flow to Waccamaw
6g-8	14 - 16	**Wetland 166**	0.187	no signature	no signature	Hydric	flow W to trib
6g-8	14 - 16	**Wetland 167b**	0.371	no signature	no signature	Hydric	flow W to trib
6g-9	14 - 16	**Wetland 113**	1.431	PFO/PUBH	green/swamp	hydric	flow W to Waccamaw
6g-9	14 - 16	**Wetland 114**	0.251	PFO	green	hydric	isolated
6g-9	14 - 16	**Wetland 115**	0.731	PFO	green/swamp	hydric	flow W to UT to Waccamaw
6g-9	14 - 16	**Wetland 116**	0.135	PFO	green/swamp	hydric	flow W to Waccamaw
6g-9	14 - 16	**Wetland 170**	0.028	no signature	no signature	Hydric	flow E offsite
6g-9	14 - 16	**Wetland 171**	0.429	no signature	no signature	Hydric	flow W to wetland
6g-9	14 - 16	**Wetland 243**	0.283	no signature	none	hydric	flow W
6g-10	14 - 16	**Wetland 117**	0.576	PFO	green/swamp	hydric	flow SW to offsite wetlands/ICW
6g-10	14 - 16	**Wetland 118**	0.147	PFO	green	hydric	flow SW to offsite wetlands/ICW
6g-10 & 6g-11	14 - 16	**Wetland 119**	8.435	PFO	green/swamp	hydric	flow N to ICW
Alternative 14 Total:			143.001				

FIGURE	ALTERNATIVE	WETLAND NAME	ACRES (-AC)	NWI STATUS	TOPO STATUS	SOILS STATUS	DRAINAGE PATTERN
Alternative 15 Total:			202.255				
Alternative 16 Total:			43.579				

TABLE 66: ALTERNATIVES 14 THROUGH 16 STREAM IMPACTS

FIGURE	ALTERNATIVE	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6g-1	14 - 16	**Stream 592**	145	0.051	no signature	flow E	intermittent
6g-1	14 - 16	**Stream 74**	83	0.018	no signature	flow SW	intermittent
6g-1	14 - 16	**Stream 74**	69	0.018	no signature	flow SW	intermittent
6g-2	14 - 16	**Stream 73**	82	0.023	no signature	Flow W	perennial
6g-2	14 - 16	**Stream 91**	102	0.029	blue line	flow SW to Crabtree swamp	intermittent
6g-2	14 - 16	**Stream 92**	96	0.018	blue line	flow SW to Crabtree swamp	intermittent
6g-2	16	**Stream 93**	218	0.049	blue line	flow S to Crabtree swamp	intermittent
6g-3	16	**Stream 94**	208	0.175	Crab Tree Swamp	crabtree swamp; flows to waccamaw	perennial
6g-4	14 & 15	**Stream 96**	325	0.211	Crabtree Swamp	Flow SE, name Crabtree Swamp	perennial
6g-6	14	**Stream 96b - Waccamaw River**	768	2.557	Waccamaw River	flow S, name Waccamaw River	perennial
6g-6	16	**Stream 95 - Waccamaw River**	300	2.452	Waccamaw River	flow S, name Waccamaw River	perennial
6g-6	15	**Stream 96c - Waccamaw River**	1114	2.514	Waccamaw River	flow S, name Waccamaw River	perennial
6g-7	16	**Stream 97**	193	0.043	blue line	flow SW to offsite wetlands	intermittent
6g-7	16	**Stream 72**	237	0.064	blue line	flow W	perennial
6g-7	14	**Stream 71**	160	0.075	no signature	Flow W	perennial

FIGURE	ALTERNATIVE	STREAM/TRIBUTARY NAME	LINEAR FEET (-LF)	ACRES (-AC)	TOPO STATUS	DRAINAGE PATTERN	FLOW ASSUMPTIONS
6g-7	15 & 16	**Stream 71b**	193	0.099	no signature	Flow W	perennial
6g-8	14 - 16	**Stream 70**	504	0.163	blue line	flow W	perennial
6g-8	14 - 16	**Stream 98**	89	0.040	blue line	Flows SW, UT to waccamaw and wetlands	intermittent
6g-9	14 - 16	**Stream 590**	90	0.042	no signature	flow W	intermittent
6g-9	14 - 16	**Stream 591**	102	0.036	no signature	flow W	intermittent
6g-9	14 - 16	**Stream 594**	99	0.045	no signature	flow W	intermittent
6g-9	14 - 16	**Stream 69**	208	0.196	blue line	flow W	perennial
6g-9	14 - 16	**Stream 75**	343	0.101	no signature	flow sw	perennial
6g-9	14 - 16	**Stream 99**	89	0.029	blue line	Flows SW, UT to waccamaw and wetlands	intermittent
6g-10	14 - 16	**Stream 100**	302	2.254	blue line	ICW	perennial/TNW
Alternative 14 Total:			3656	5.907			
Alternative 15 Total:			4035	5.888			
Alternative 16 Total:			3752	5.946			

TABLE 67: ALTERNATIVES 14 THROUGH 16 OPEN WATER IMPACTS

FIGURE	ALTERNATIVE	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6g-1	14 - 16	**Pond 61**	0.247	FW pond	isolated farm pond
6g-2	14 - 16	**Pond 90**	0.050	pubx	exc. in upland; stormwater
6g-2	14 & 15	**Pond 98**	0.487	pubh	exc. in upland; stormwater
6g-2	14 & 15	**Pone 99**	0.383	pubh	exc. in upland; stormwater
6g-2	16	**Pond 91**	0.080	pubx	exc. in upland; stormwater
6g-2	16	**Pond 92**	0.276	pubx	exc. in upland; stormwater

FIGURE	ALTERNATIVE	OPEN WATER NAME	ACRES (-AC)	NWI STATUS	DRAINAGE PATTERN
6g-2	16	**Pond 93**	0.260	pubx	exc. in upland; stormwater
6g-2	16	**Pond 94**	0.039	pubx	exc. in upland; stormwater
6g-2	16	**Pond 95**	0.591	pubh	drains an offsite wetland and continues under road
6g-3	16	**Pond 96**	0.278	pubx	exc. in upland; stormwater
6g-5	14 & 15	**Pond 98b**	2.358	pubh	poten. exc. from adjacent wetland (Bear Swamp)
6g-5	14 & 15	**Pond 71**	0.139	no signature	sw pond adjacent to wetland
6g-6	14	**Pond 99b**	0.052	pubh	exc in wetland
6g-7	14	**Pond 100**	0.463	pubh	exc in wetland
6g-8	14 & 15	**Pond 102**	0.070	pubh	exc. in upland; stormwater
6g-10	14 - 16	**Pond 103**	0.099	no signature	exc. in upland; stormwater
6g-10	14 - 16	**Pond 69**	0.022	no signature	isolated SW pond
6g-11	14 - 16	**Pond 105**	0.085	no signature	exc. in upland; stormwater
6g-11	14 - 16	**Pond 104**	0.083	no signature	exc. in upland; stormwater
6g-11	14 - 16	**Pond 57**	0.012	no signature	isolated sw pond
6g-11	14 - 16	**Pond 58**	0.052	no signature	isolated sw pond
6g-11	14 - 16	**Pond 64**	0.169	no signature	isolated sw pond
Alternative 14 Total:			4.770		
Alternative 15 Total:			4.256		
Alternative 16 Total:			2.343		

TABLE 68: ALTERNATIVES 14 THROUGH 16 NON-AQUATIC LINEAR CONVEYANCE IMPACTS

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTION
6g-1	14 - 16	**NALC 235**	1313	roadside ditch; flow E	ephemeral
6g-1	14 - 16	**NALC 236b**	85	drainage ditch; flow N	ephemeral
6g-1	14 - 16	**NALC 236**	87	drainage ditch; flow N	ephemeral
6g-1	14 - 16	**NALC 237**	85	drainage ditch; flow SW	ephemeral
6g-1	14 - 16	**NALC 238**	1116	roadside ditch; flow W	ephemeral
6g-1	14 - 16	**NALC 239**	954	roadside ditch; flow E	ephemeral
6g-1	14 - 16	**NALC 240**	954	roadside ditch; flow E	ephemeral
6g-1	14 - 16	**NALC 241**	72	ag ditch; flow N	ephemeral
6g-1	14 - 16	**NALC 242**	356	roadside ditch; flow NE	ephemeral
6g-1	14 - 16	**NALC 260**	1475	roadside ditch; flow N	ephemeral
6g-1	14 - 16	**NALC 261**	1703	roadside ditch; flow S	ephemeral
6g-1	14 - 16	**NALC 262**	232	roadside ditch; flow SW	ephemeral
6g-1	14 - 16	**NALC 266**	86	ag ditch; flow SW	ephemeral
6g2	14 - 16	**NALC 230**	775	roadside ditch; flow W	ephemeral
6g2	14 - 16	**NALC 231**	416	roadside ditch; flow W	ephemeral
6g2	14 - 16	**NALC 232**	153	drainage ditch; flow W	ephemeral
6g2	14 - 16	**NALC 233**	68	roadside ditch; flow W	ephemeral
6g2	14 - 16	**NALC 234**	89	roadside ditch; flow W	ephemeral
6g2	14 - 16	**NALC 265**	949	silv ditch; flow SE	ephemeral
6g2	14 - 16	**NALC 90**	65	silviculture ditch, near ag field; drain S to roadside ditch	ephemeral
6g-2	14 & 15	**NALC 255**	101	silv ditch; flow SE	ephemeral
6g-2	14 & 15	**NALC 256**	89	silv ditch; flow SE	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTION
6g-2	16	**NALC 229**	55	ag ditch; flow S	ephemeral
6g-3	16	**NALC 228**	310	drainage ditch; flow SW	ephemeral
6g-4	14 & 15	**NALC 251**	444	silv ditch; flow NE	ephemeral
6g-4	14 & 15	**NALC 252**	346	silv ditch; flow SE	ephemeral
6g-4	14 & 15	**NALC 253**	301	silv ditch; flow E	ephemeral
6g-4	14 & 15	**NALC 254**	581	silv ditch; flow NE	ephemeral
6g-5	14 & 15	**NALC 175**	355	silv ditch; flow E	ephemeral
6g-5	14 & 15	**NALC 250**	251	drainage ditch; flow N	ephemeral
6g-5	14 & 15	**NALC 91**	482	along ag fields; flows east to roadside ditch	ephemeral
6g-6	15 & 16	**NALC 226**	736	roadside ditch	ephemeral
6g-6	16	**NALC 227**	87	drainage ditch; flow N	ephemeral
6g-6	15	**NALC 257**	177	drainage ditch; flow SW	ephemeral
6g-6	15	**NALC 258**	192	drainage ditch; flow SW	ephemeral
6g-7	14 - 16	**NALC 222**	101	drainage ditch; flow E	ephemeral
6g-7	15 & 16	**NALC 225**	745	roadside ditch	ephemeral
6g-7	15 & 16	**NALC 226**	366	roadside ditch	ephemeral
6g-7	15 & 16	**NALC 264**	132	drainage ditch; flow W	ephemeral
6g-7	15 & 16	**NALC 224**	90	drainage ditch; flow W	ephemeral
6g-7	15 & 16	**NALC 223**	101	drainage ditch; flow W	ephemeral
6g-7	15 & 16	**NALC 263**	104	roadside ditch; flow W	ephemeral
6g-7	15 & 16	**NALC 226b**	366	roadside ditch	ephemeral
6g-8	14 - 16	**NALC 221**	124	drainage ditch; flow SW	ephemeral
6g-9	14 - 16	**NALC 220**	99	drainage ditch; flow W	ephemeral
6g-10	14 - 16	**NALC 216**	3205	roadside ditch; flow S	ephemeral

FIGURE	ALTERNATIVE	NON-AQUATIC LINEAR CONVEYANCE (NALC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN	FLOW ASSUMPTION
6g-10	14 - 16	**NALC 217**	2798	roadside ditch; flow S	ephemeral
6g-10	14 - 16	**NALC 217b**	60	drainage ditch; flow W	ephemeral
6g-10	14 - 16	**NALC 218**	39	drainage ditch; flow W	ephemeral
6g-10	14 - 16	**NALC 219**	98	drainage ditch; flow E	ephemeral
Alternative 14 Total:			20505		
Alternative 15 Total:			22778		
Alternative 16 Total:			20648		

TABLE 69: ALTERNATIVES 14 THROUGH 16 LOW-FLOW CHANNEL IMPACTS

FIGURE	ALTERNATIVE	LOW FLOW CHANNEL (LFC) NAME	LINEAR FEET (-LF)	DRAINAGE PATTERN
6g-1	14 -16	**LFC 20**	26	SCstream through a wetland
6g-1	14 -16	**LFC 21**	115	SCstream through a wetland
6g-1	14 -16	**LFC 22**	75	SCstream through a wetland
6g-1	14 -16	**LFC 64**	88	drainage ditch through wetland
6g-3	16	**LFC 25**	93	SCstream through a wetland
6g-3	16	**LFC 63**	248	silv ditch through wetland
6g-4	14 & 15	**LFC 71**	466	SCstream through PSA, no signature
6g-5	14 & 15	**LFC 70**	354	SCstream through wetland
6g-5	14 & 15	**LFC 73**	300	silv ditch through wetland
6g-5	14 & 15	**LFC 74**	300	silv ditch through wetland
6g-6	14	**LFC 72**	387	drainage ditch through wetland
6g-7	14	**LFC 75**	314	SCstream through wetland
6g-7	14	**LFC 76**	804	DEM signature channel through wetland

6g-8	14 - 16	**LFC 61**	109	SCstream through wetland
6g-8	14 - 16	**LFC 62**	18	SCstream through wetland
6g-9	14 - 16	**LFC 19**	95	field confirm no channel
6g-10	14 - 16	**LFC 57**	70	SCstream through wetland
6g-10	14 - 16	**LFC 58**	91	SCstream through wetland
6g-10	14 - 16	**LFC 59**	102	SCstream through wetland
6g-10	14 - 16	**LFC 60**	110	SCstream through wetland
Alternative 14 Total:			3824	
Alternative 15 Total:			2319	
Alternative 16 Total:			1239	

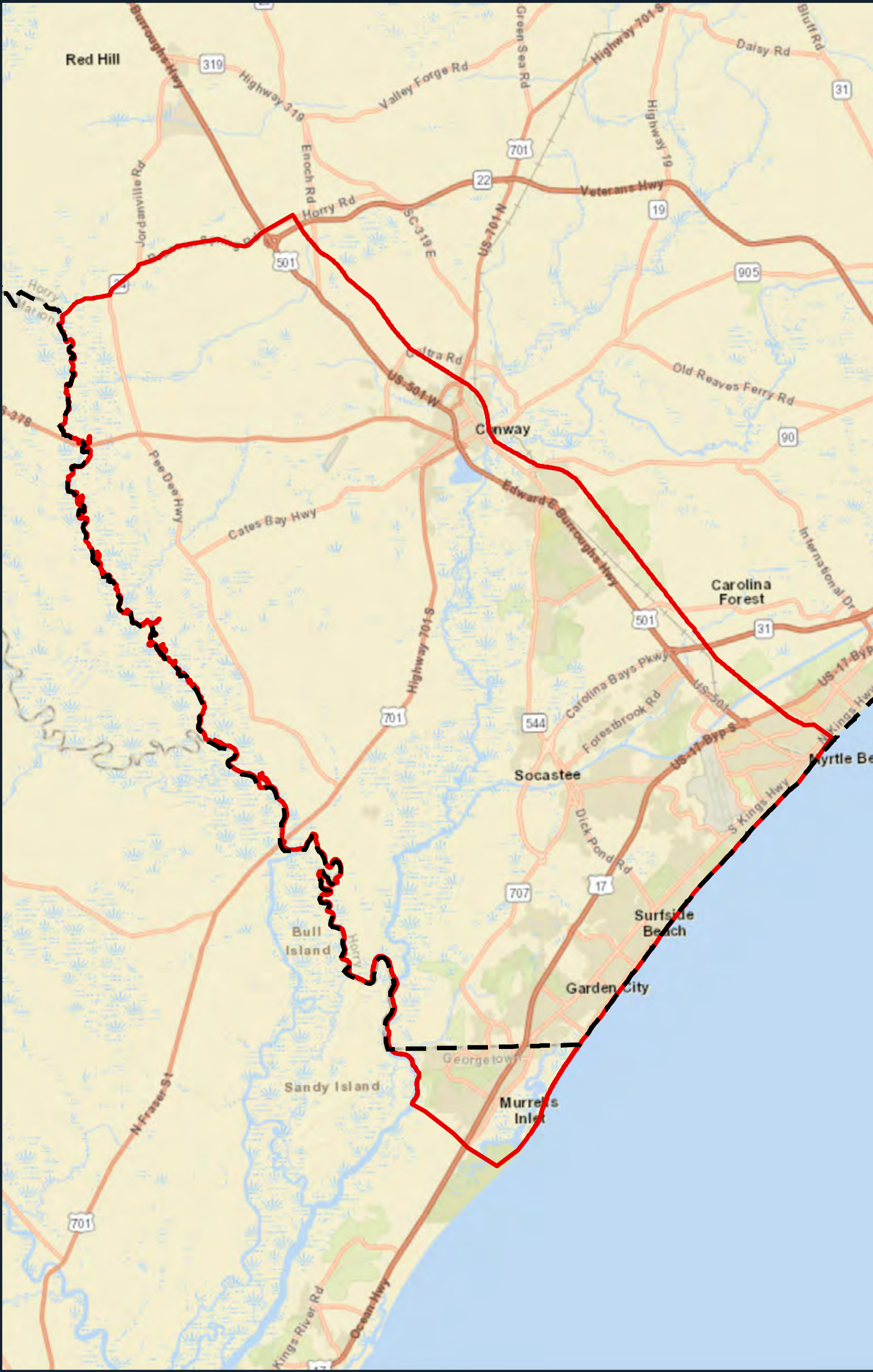
TABLE 70: WATER QUALITY STATIONS WITHIN THE PROJECT AREA

STATION	ALTERNATIVES (INCLUDES UP TO 5 STATIONS)	BASIN	HUC 12	COUNTY	DESCRIPTION	USE	HG	SCDHEC 303D LISTED	IMPAIRMENT	WOC
MD-144	14 -- 16	PEEDEE	030402060905	HORRY	WACCAMAW RIVER @ TODDVILLE	FISH	HG	IMPAIRED	MERCURY	
CSTL-556	8 -- 16	PEEDEE	030402060905	HORRY	WACCAMAW RIVER @ PITCH LANDING	FISH	HG	IMPAIRED	MERCURY	
MD-107	8 -- 16	PEEDEE	030402060803	HORRY	KINGSTON LK NR PUMP STA ON LAKESIDE DR CONWAY	AL/REC		IMPAIRED	DO, E_COLI	PB
RS-15231	14 -- 16	PEEDEE	030402060905	HORRY	WACCAMAW RIVER AT TODDVILLE LANDING ON WACCAMAW BEND ROAD OFF US 701. BRI.			NOT ON LIST		
RS-04375	8 -- 16	PEEDEE	030402060803	HORRY	CRAB TREE SWAMP AT BRIDGE ON US 501 1.5 MI NW OF CONWAY	REC		IMPAIRED	E_COLI	
MD-158	8 -- 16	PEEDEE	030402060803	HORRY	CRAB TREE SWAMP AT LONG ST BL OUTFALL OF CONWAY #1 POND	AL/REC		IMPAIRED	DO, E_COLI	

STATION	ALTERNATIVES (INCLUDES UP TO 5 STATIONS)	BASIN	HUC 12	COUNTY	DESCRIPTION	USE	HG	SCDHEC 303D LISTED	IMPAIRMENT	WOC
MD-140	1 -- 13	PEEDEE	030402061003	GEORGETOWN	WACCAMAW RIVER @ SANDY ISLAND	FISH	HG	IMPAIRED	MERCURY	
MD-138	1 -- 16	PEEDEE	030402061002	GEORGETOWN	WACCAMAW RVR AT CHANNEL MARKER 57	FISH	HG	IMPAIRED	MERCURY	
CSTL-559	1 -- 16	PEEDEE	030402070205	HORRY	GREAT PEE DEE RIVER ABOVE HWY 701 BRIDGE	FISH	HG	IMPAIRED	MERCURY	
PD-350	1 -- 16	PEEDEE	030402040810	HORRY	LITTLE PEE DEE RIVER OFF END OF S-26-135 AT PUNCHBOWL LANDING	FISH	HG	IMPAIRED	MERCURY	
PD-658	1 -- 16	PEEDEE	030402040810	MARION	LITTLE PEE DEE RIVER @ SAMPSON LANDING	FISH	HG	IMPAIRED	MERCURY	
PD-620	1 -- 16	PEEDEE	030402040810	HORRY	LITTLE PEE DEE RIVER @ HWY 378	FISH	HG	IMPAIRED	MERCURY	
PD-691	1 -- 16	PEEDEE	030402040808	HORRY	LITTLE PEE DEE @ HUGHES LANDING	FISH	HG	IMPAIRED	MERCURY	
PD-702	1 -- 16	PEEDEE	030402040806	HORRY	PALMETTO SWAMP @ SR 99	REC		IMPAIRED	E_COLI	
RS-14183	3 -- 7	PEEDEE	030402040809	HORRY	HUNTING SWAMP AT S-26-935 - HUNTING SWAMP ROAD			NOT ON LIST		
CSTL-557	3 -- 16	PEEDEE	030402061002	HORRY	WACCAMAW RIVER @ BUCKSPORT LANDING	FISH	HG	IMPAIRED	MERCURY	
MD-136	3 -- 16	PEEDEE	030402060907	HORRY	WACCAMAW RVR 1/4 MI UPSTRM OF JCT WITH INTRACOASTAL WTRWY	FISH	HG	IMPAIRED	MERCURY	
MD-145	3 -- 16	PEEDEE	030402060907	HORRY	WACCAMAW RVR 1 MI DS OF BUCKSVILLE LANDING AT BIG BEND IN RVR	FISH	HG	IMPAIRED	MERCURY	
PD-638	8 -- 13	PEEDEE	030402060905	HORRY	BEAR SWAMP AT S-26-110	AL		IMPAIRED	BIOLOGICAL	
PD-665	1 -- 16	PEEDEE	030402040810	MARION	RUSS CREEK @ PARKERS LANDING	FISH	HG	IMPAIRED	MERCURY	

APPENDIX B

FIGURES



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

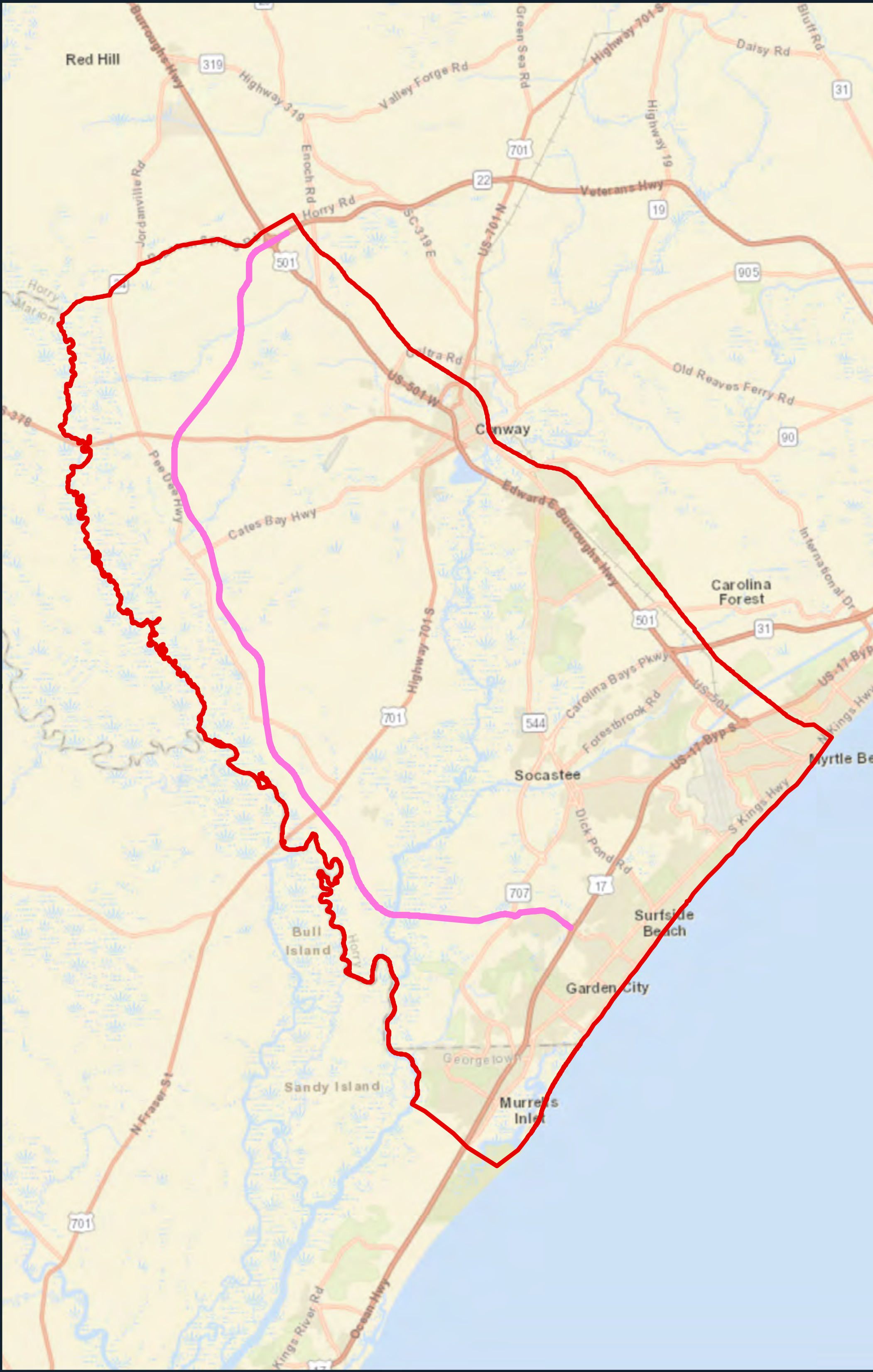
Legend

Project Study Area

Horry County Boundary

FIGURE 1-1 PROJECT LOCATION MAP

10/2022



Horry County
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RIDE3

SCDOT
South Carolina Department of Transportation

1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

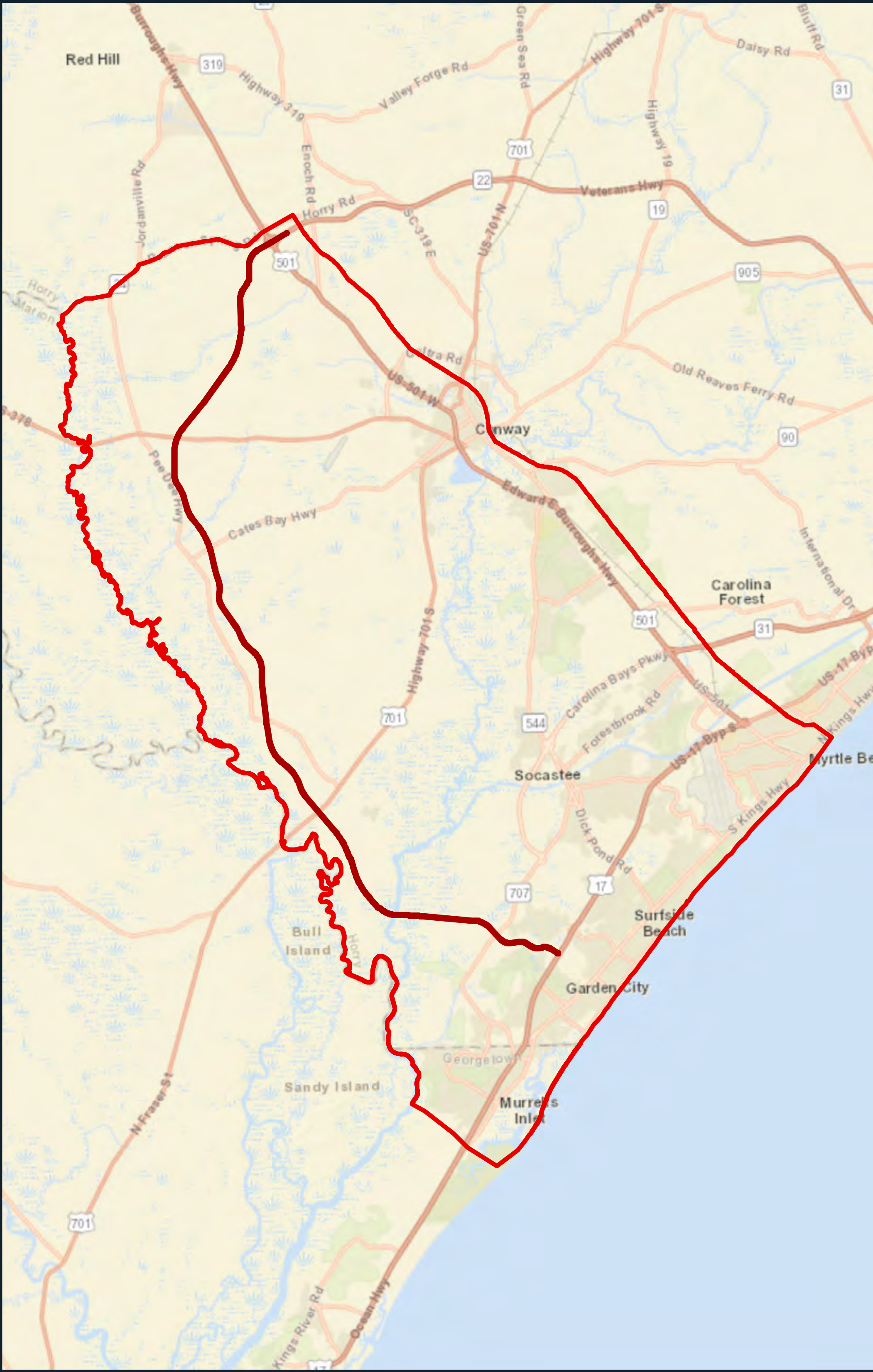
Legend

Project Study Area

Alternative Corridor 1

FIGURE 2-1 ALTERNATIVE 1 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

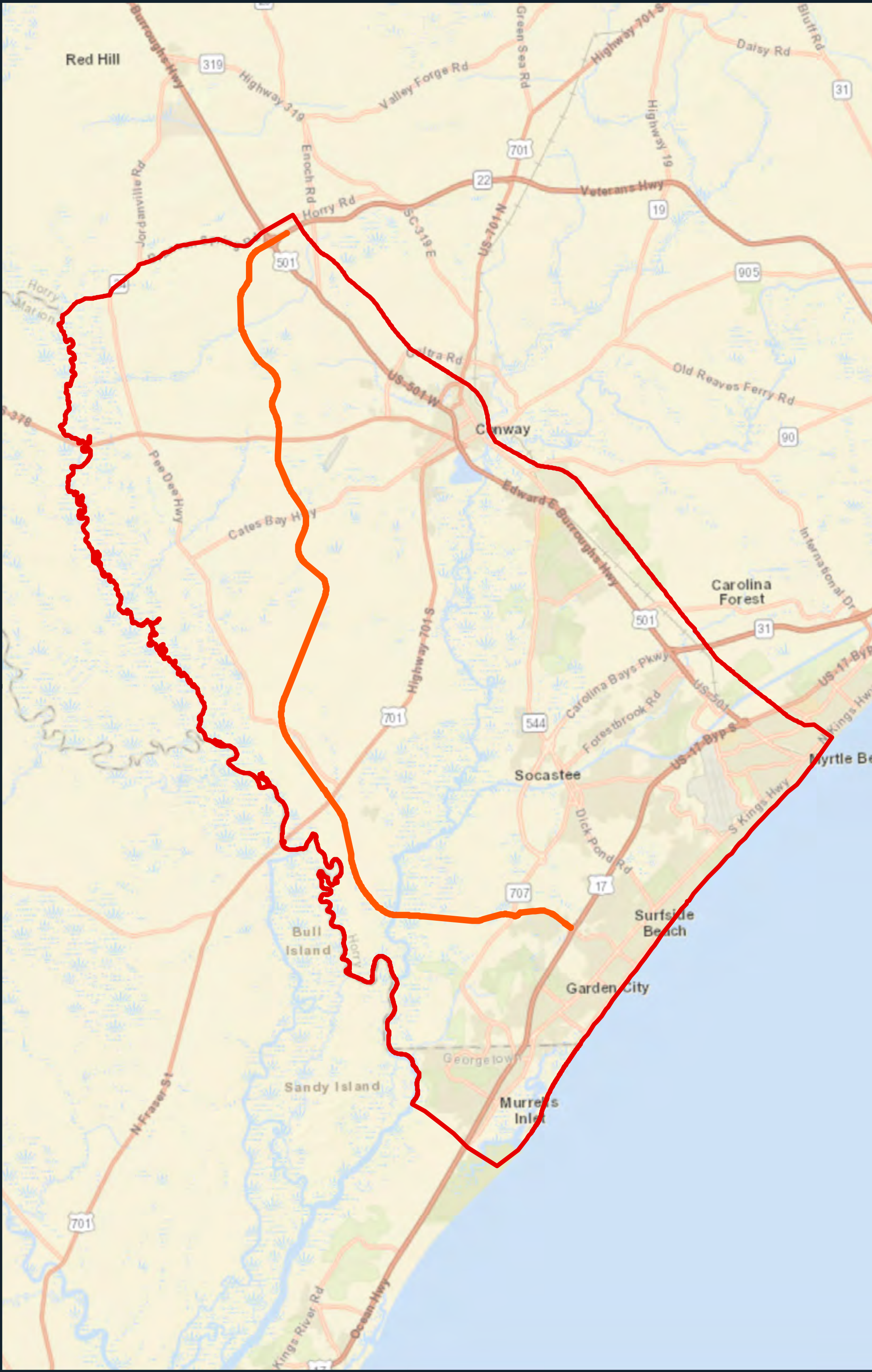
Legend

Project Study Area

Alternative Corridor 2

FIGURE 2-2 ALTERNATIVE 2 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

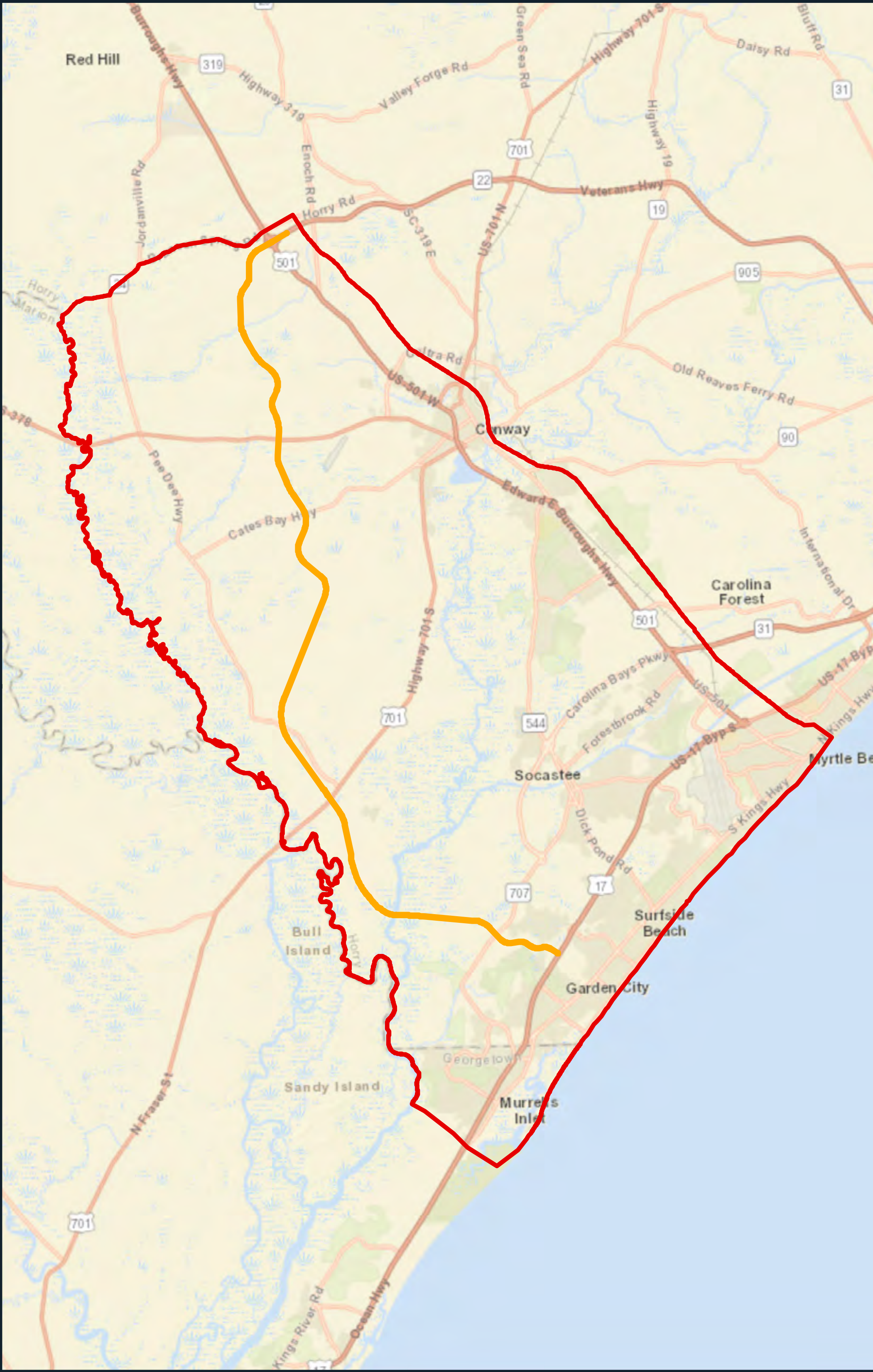
Legend

Project Study Area

Alternative Corridor 3

FIGURE 2-3 ALTERNATIVE 3 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

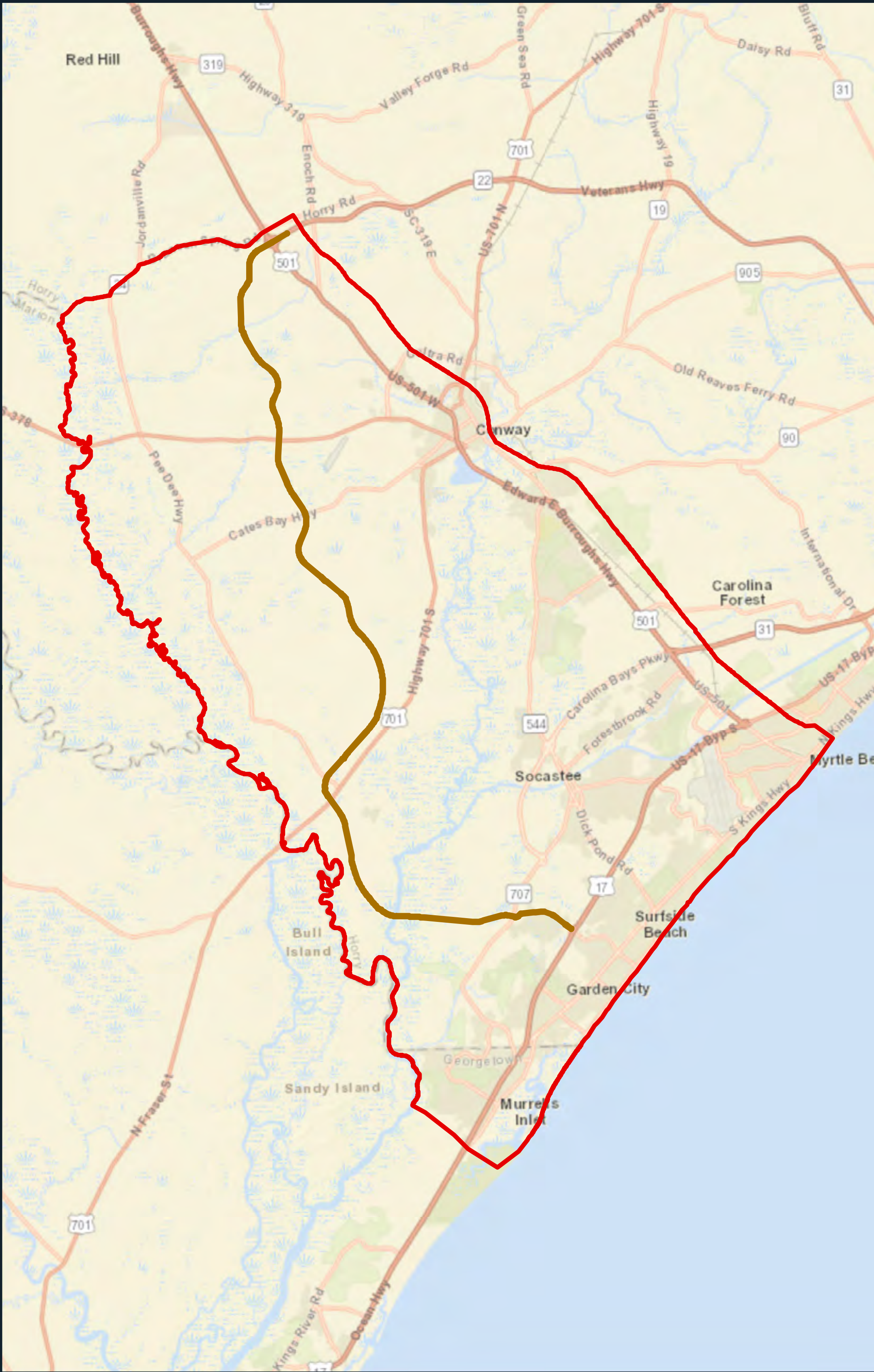
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 4

FIGURE 2-4 ALTERNATIVE 4 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

Project Study Area

Alternative Corridor 5

FIGURE 2-5 ALTERNATIVE 5 CORRIDORS MAP

10/2022

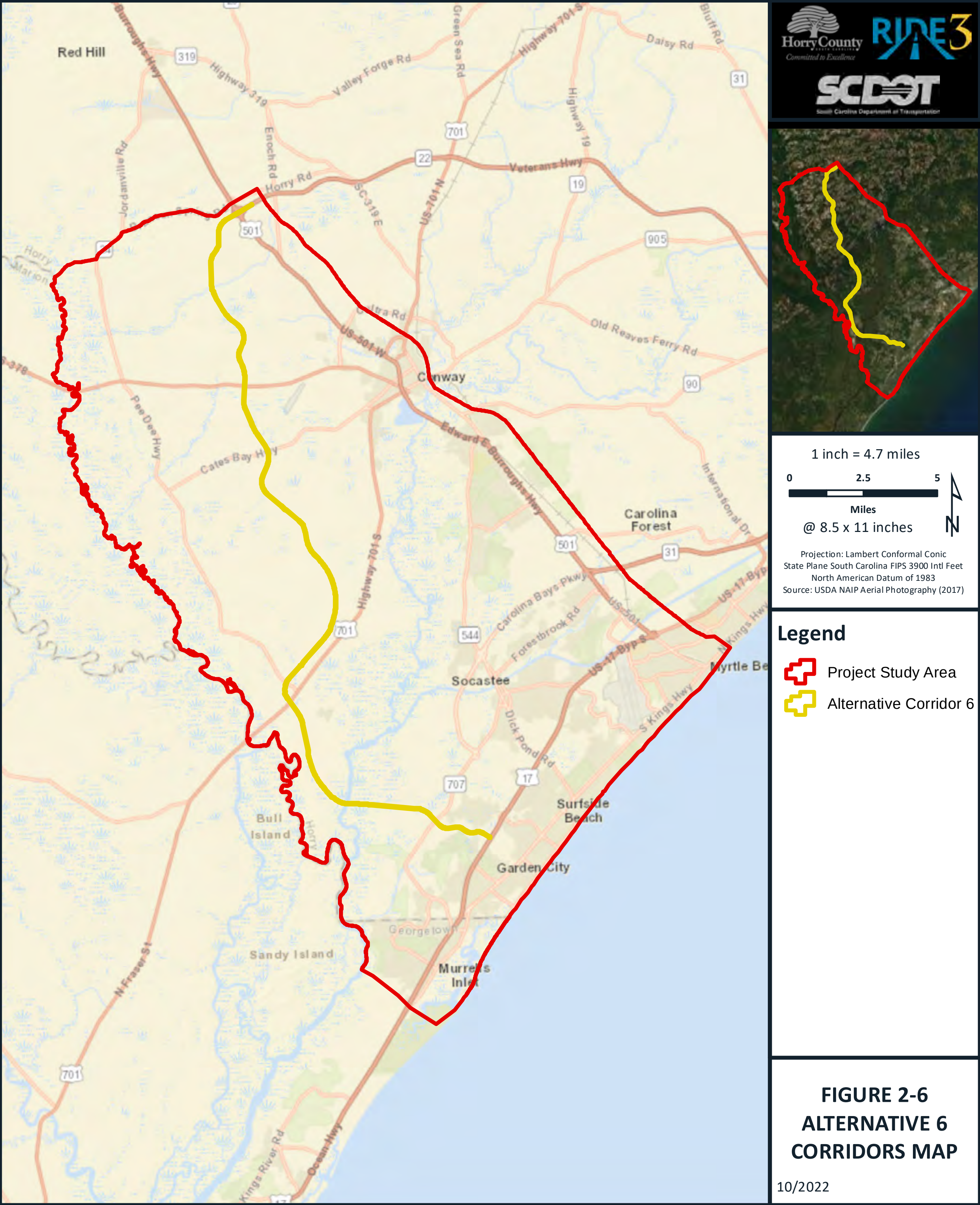
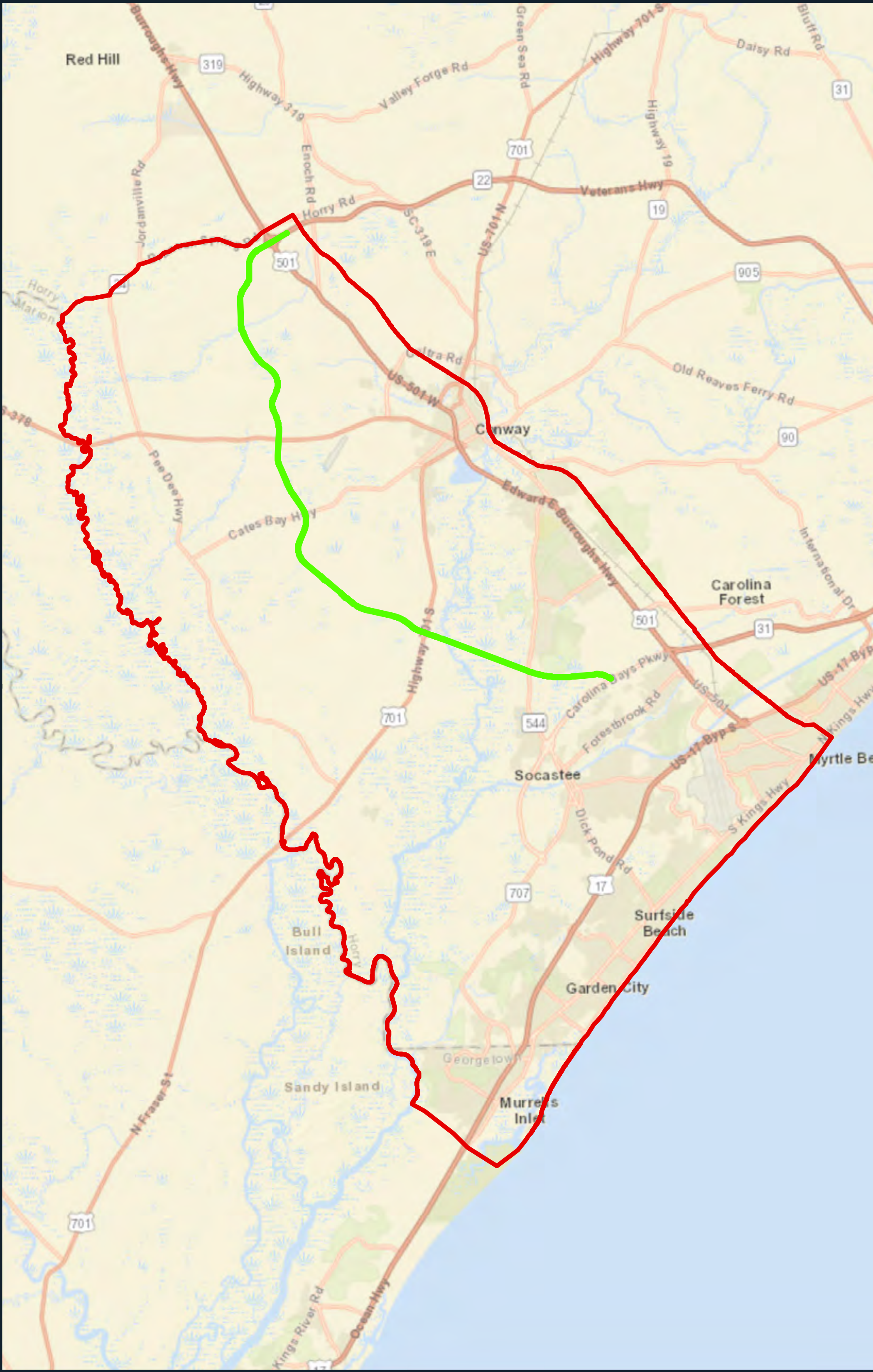


FIGURE 2-6 ALTERNATIVE 6 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

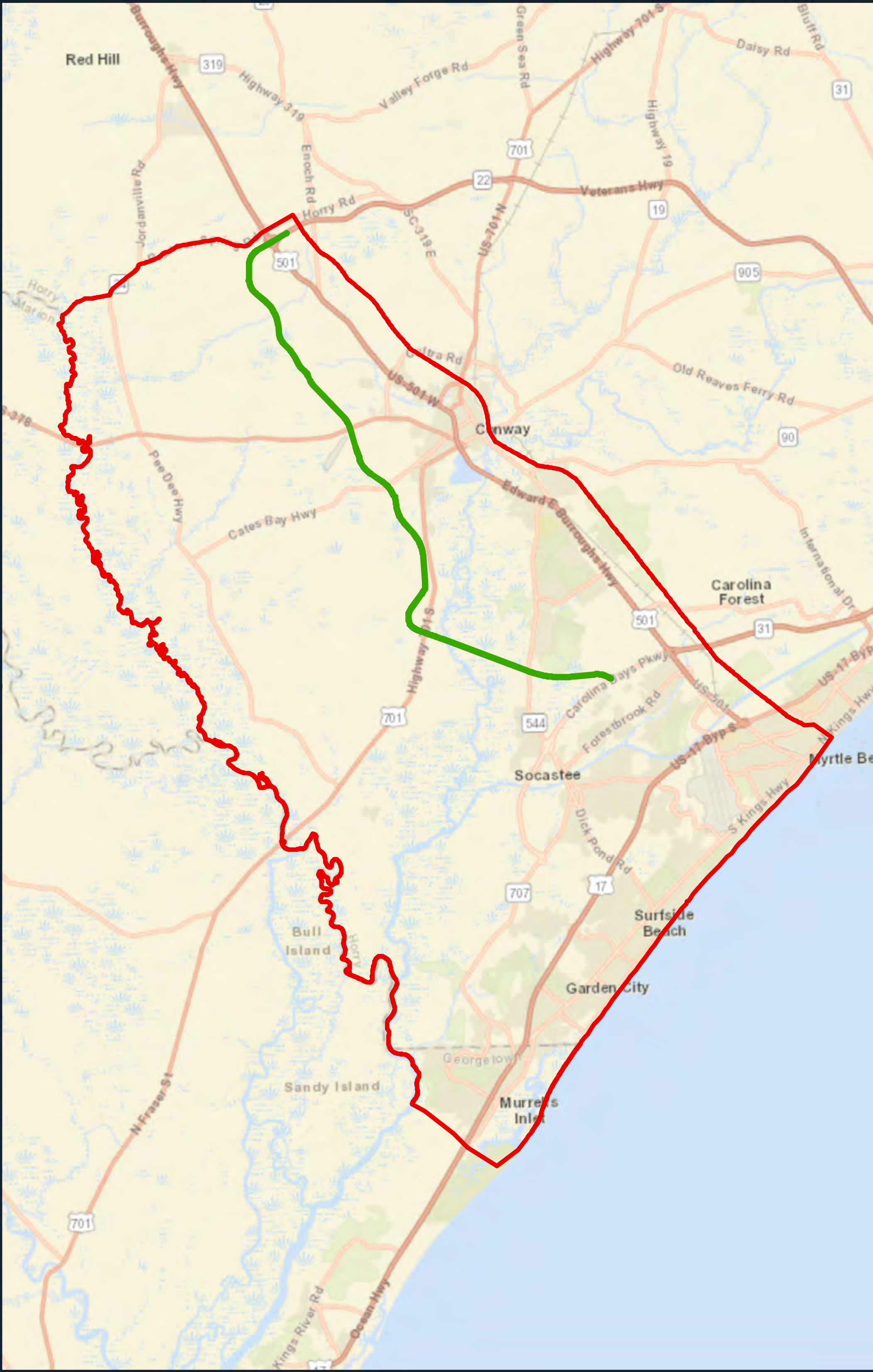
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 7

FIGURE 2-7 ALTERNATIVE 7 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

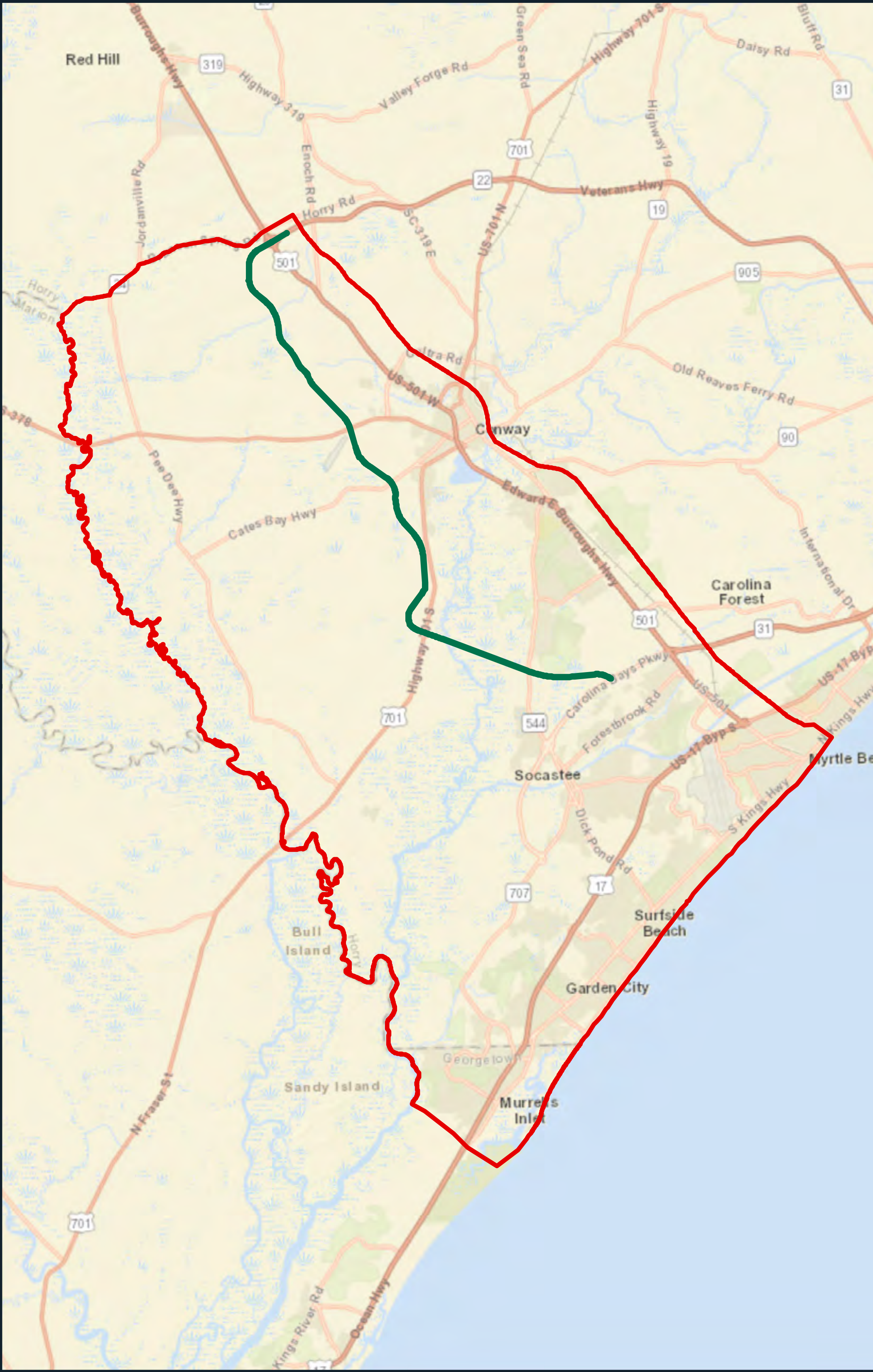
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 8

FIGURE 2-8 ALTERNATIVE 8 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

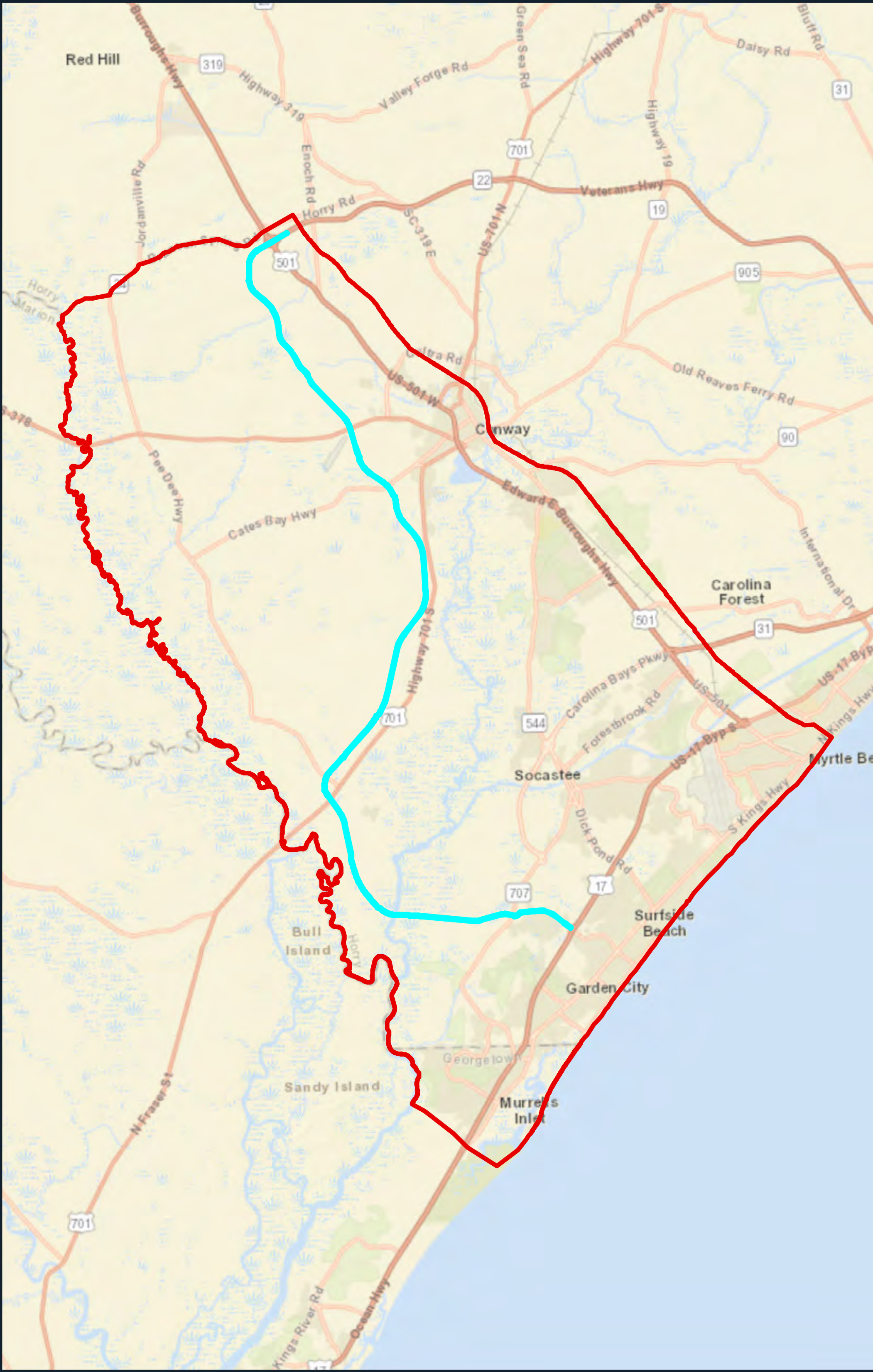
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 9

FIGURE 2-9
ALTERNATIVE 9
CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

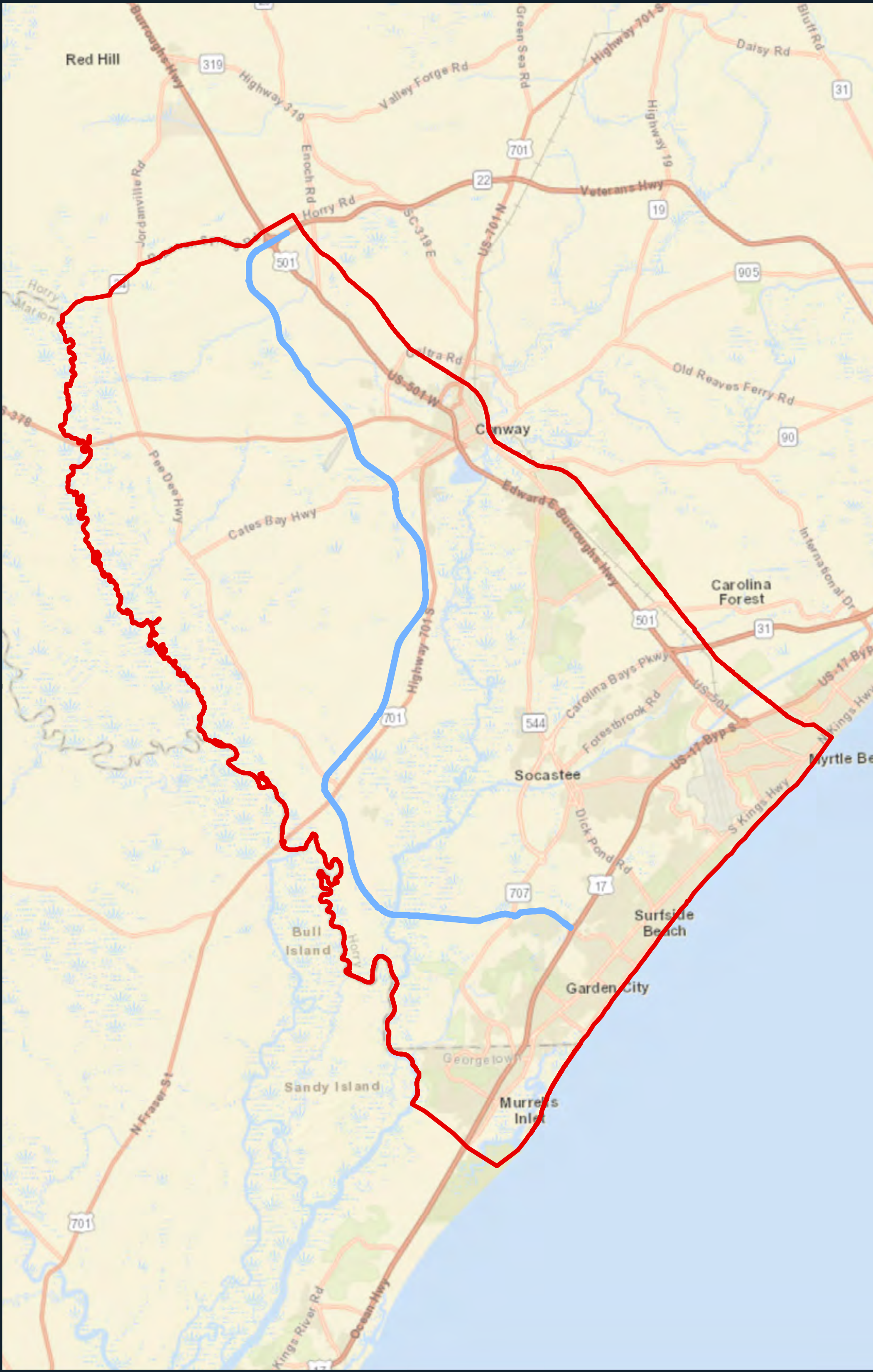
Legend

Project Study Area

Alternative Corridor 10

FIGURE 2-10 ALTERNATIVE 10 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

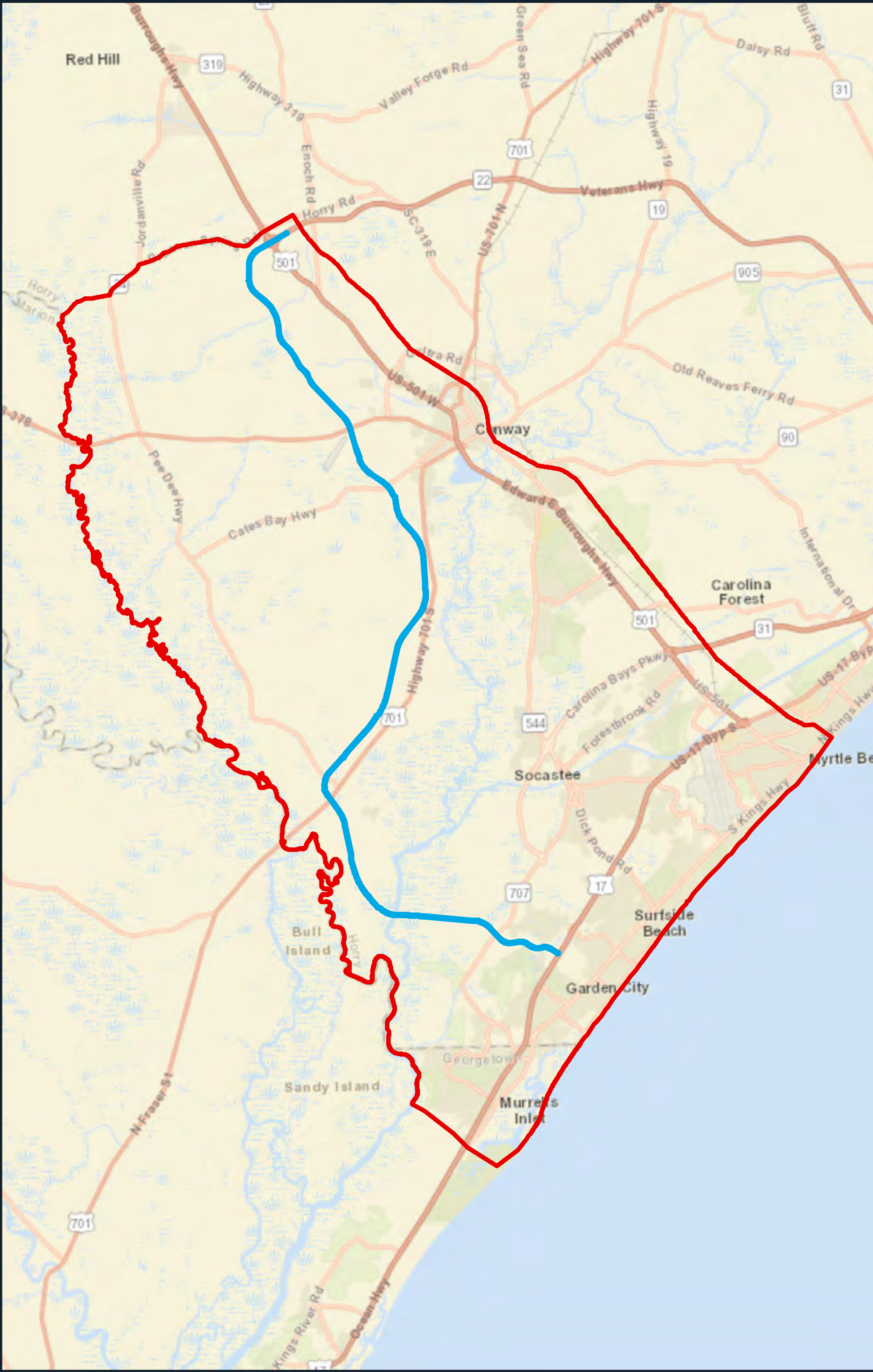
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 11

FIGURE 2-11 ALTERNATIVE 11 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

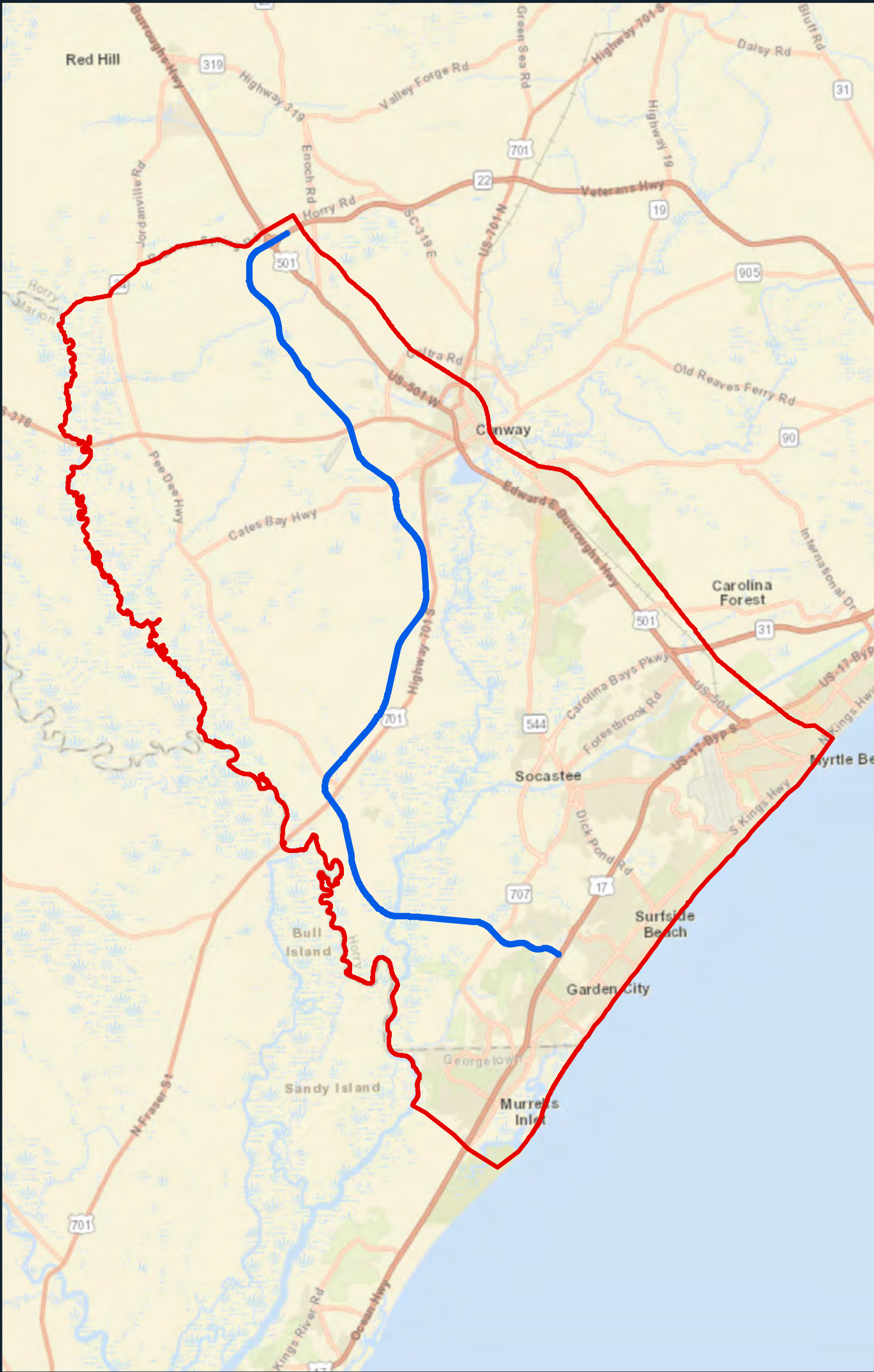
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 12

FIGURE 2-12 ALTERNATIVE 12 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

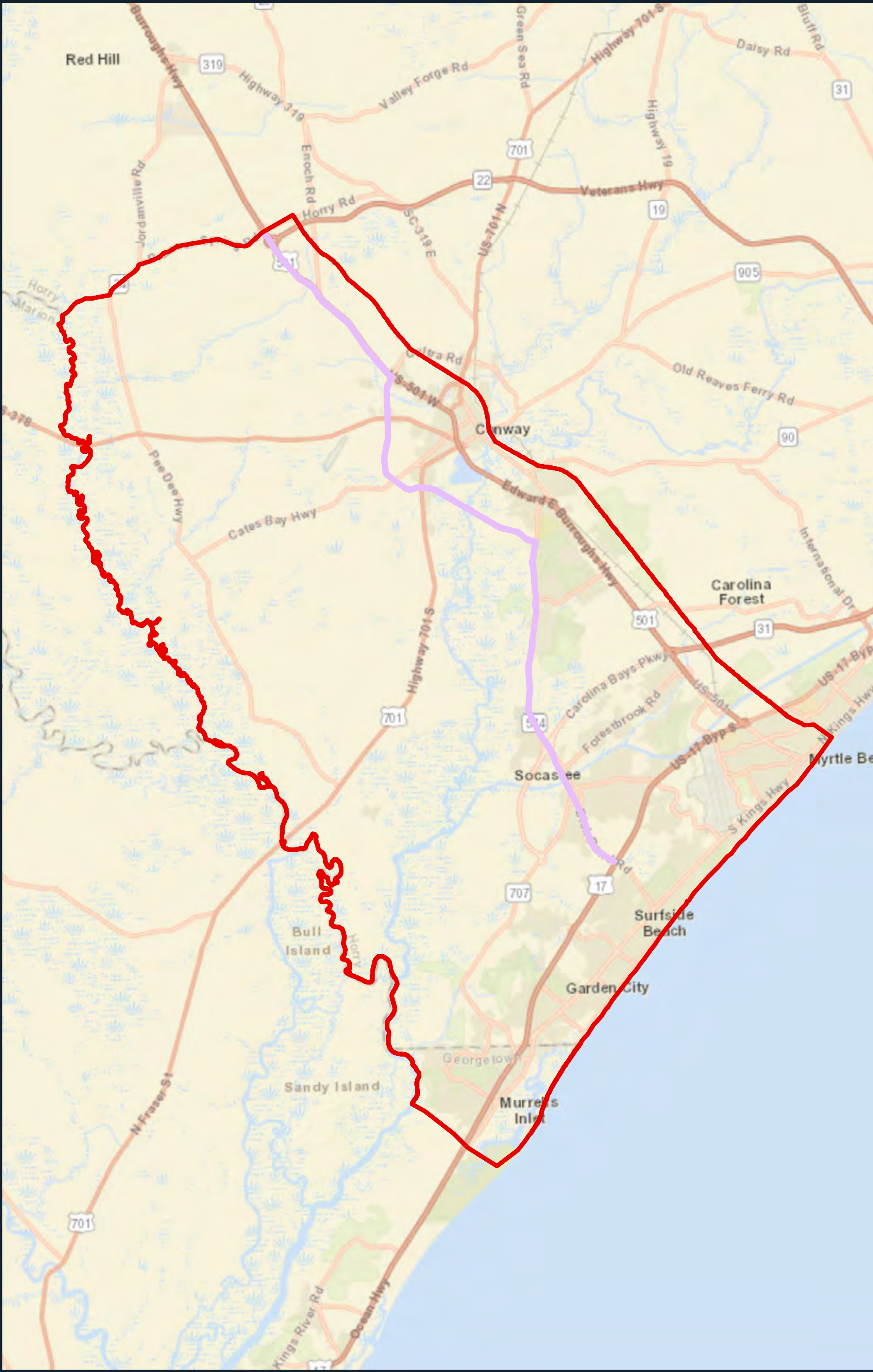
Legend

Project Study Area

Alternative Corridor 13

FIGURE 2-13 ALTERNATIVE 13 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

Project Study Area

Alternative Corridor 14

FIGURE 2-14 ALTERNATIVE 14 CORRIDORS MAP

10/2022

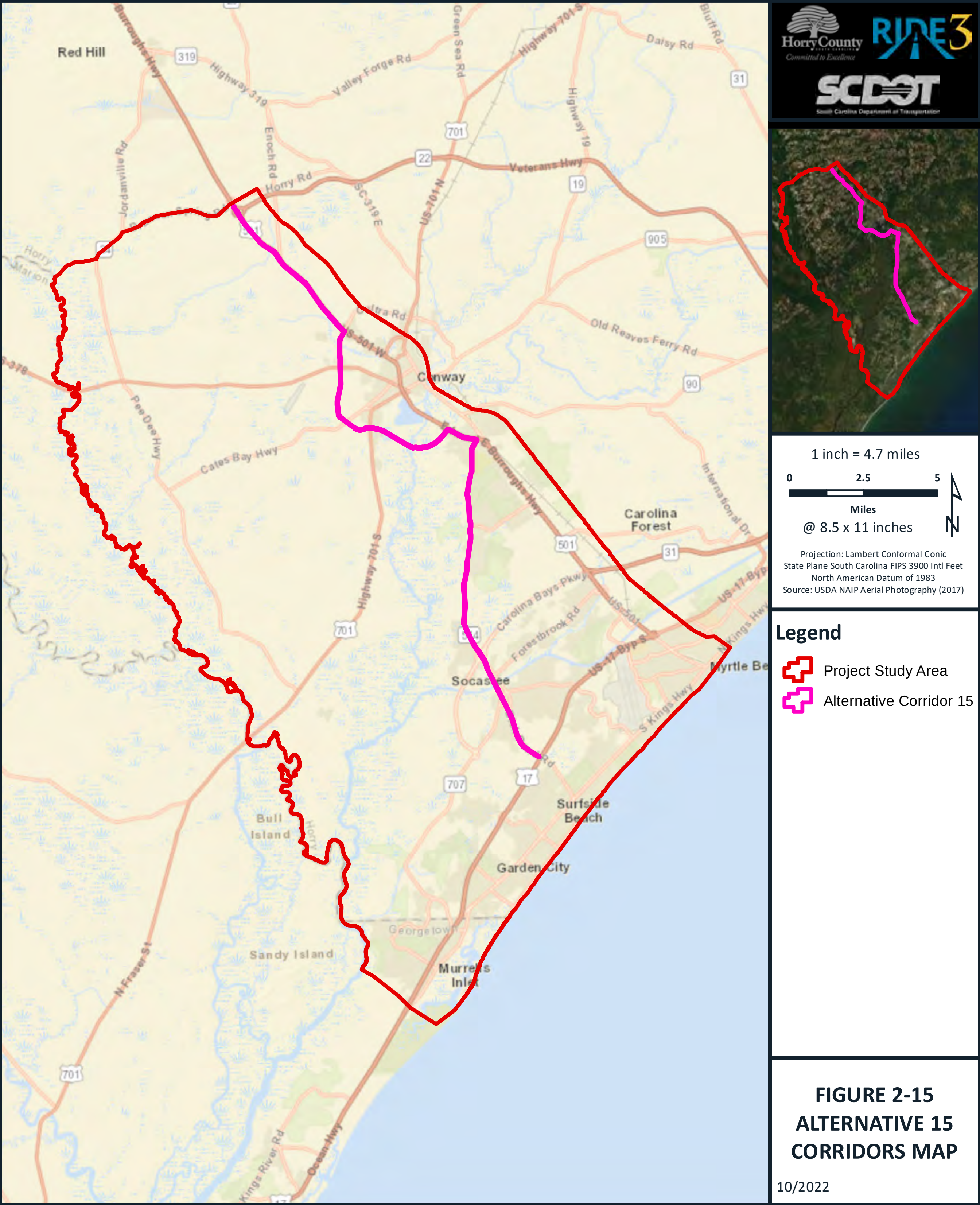
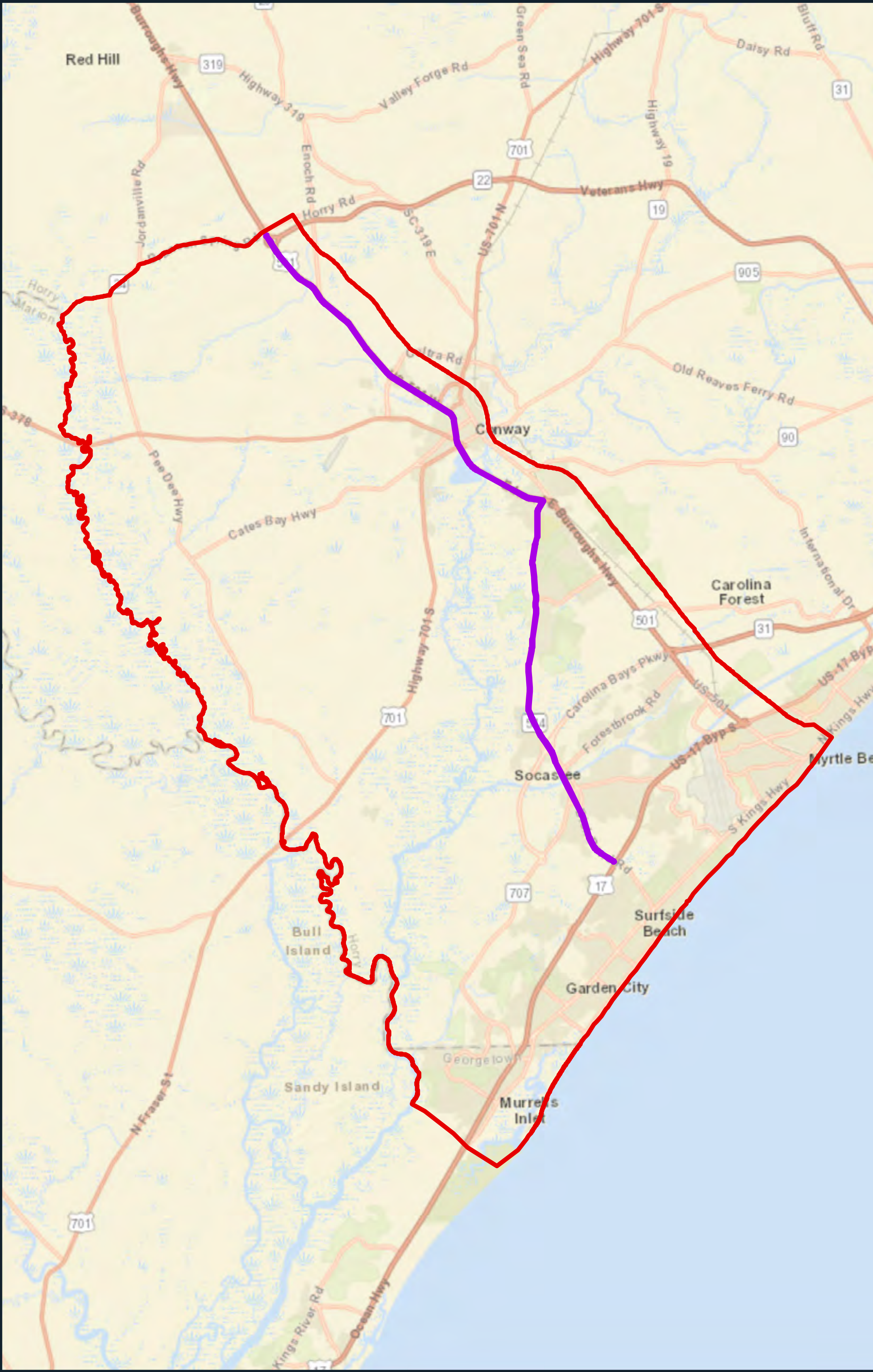
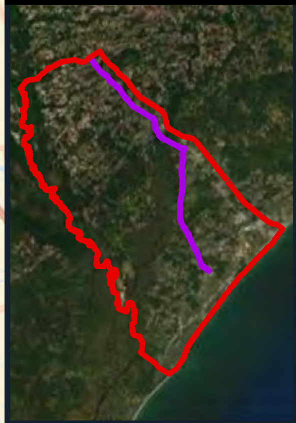


FIGURE 2-15
ALTERNATIVE 15
CORRIDORS MAP

10/2022





1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

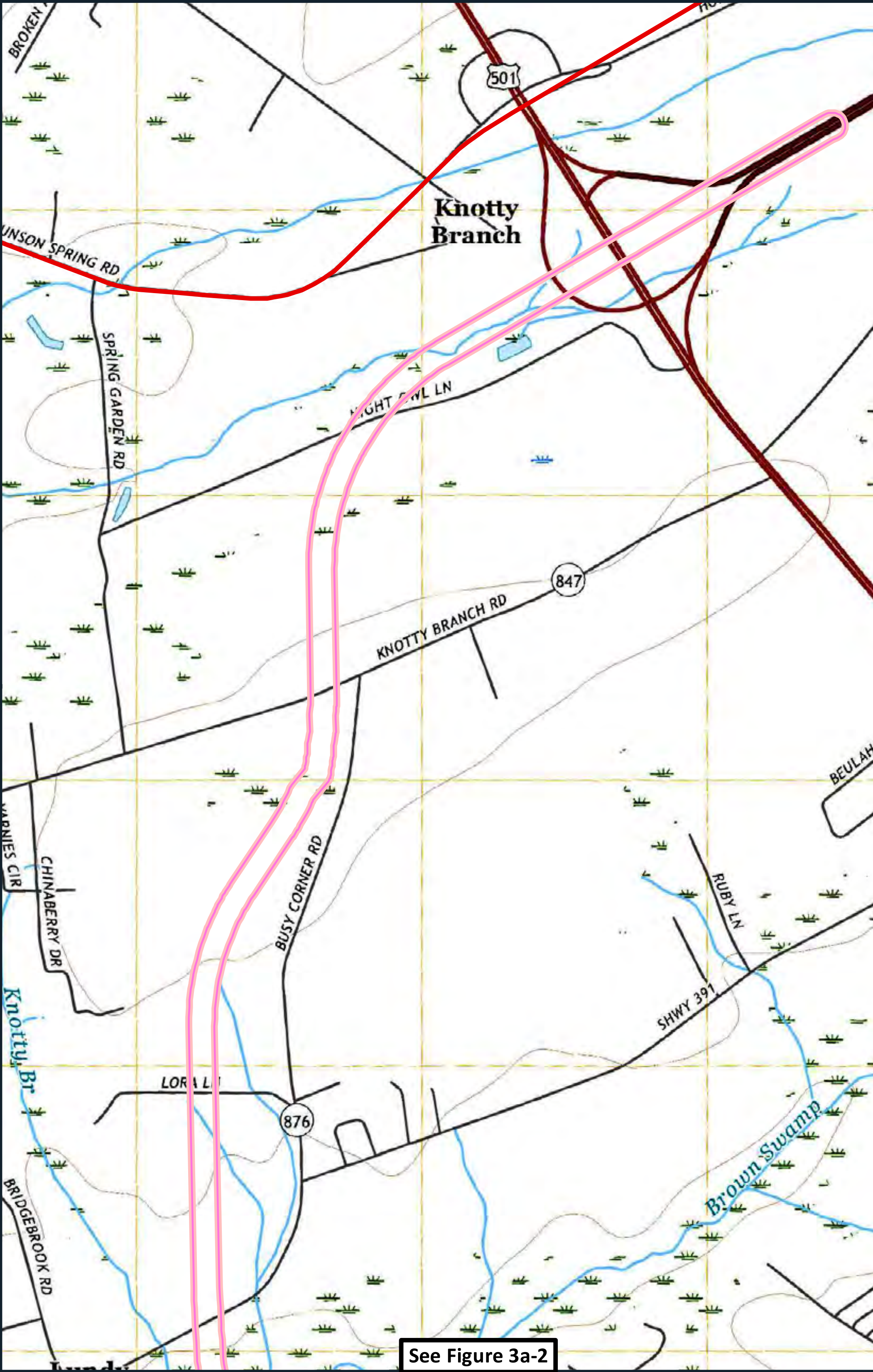
Legend

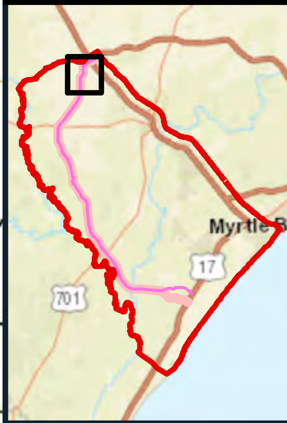
Project Study Area

Alternative Corridor 16

FIGURE 2-16 ALTERNATIVE 16 CORRIDORS MAP

10/2022





1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Map [Horry, SC (2020)]

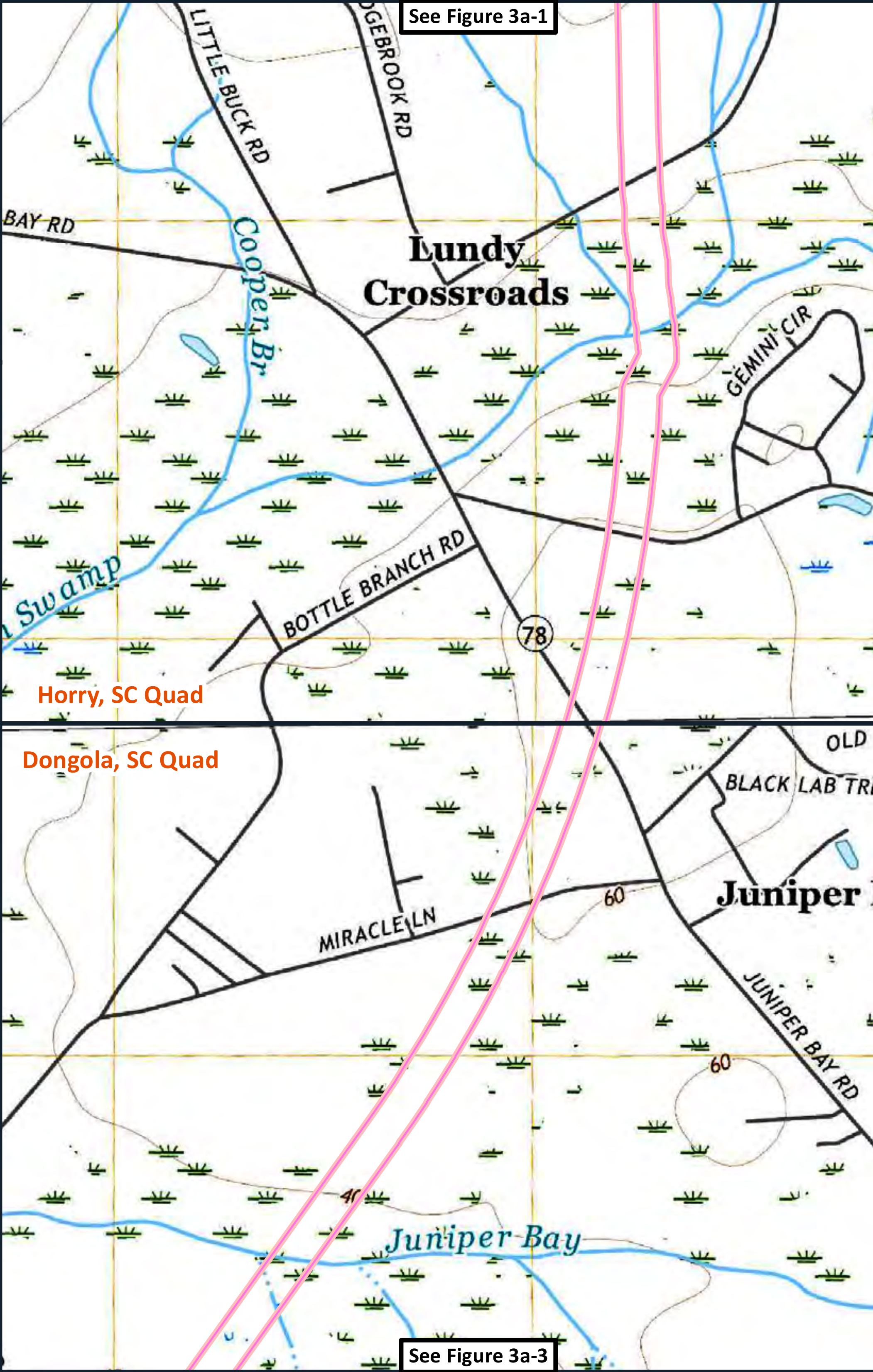
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

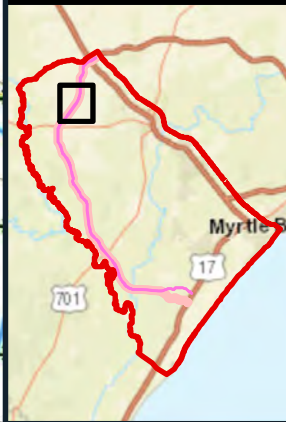
Figure 3a-1
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022

See Figure 3a-1



See Figure 3a-3



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry & Dongola, SC (2020)]

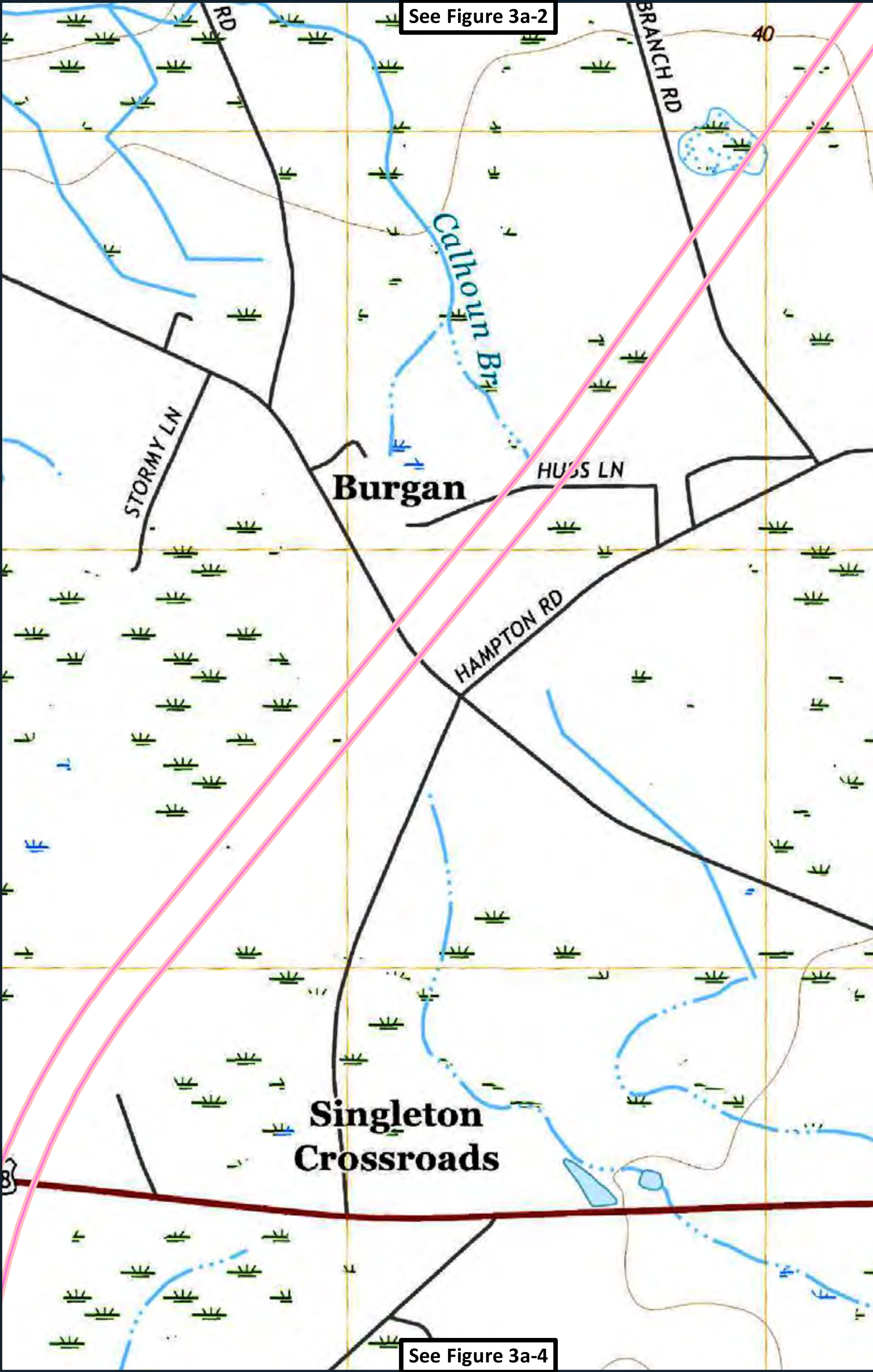
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-2
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022

See Figure 3a-2



See Figure 3a-4

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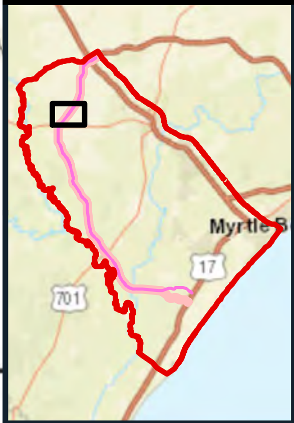


1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

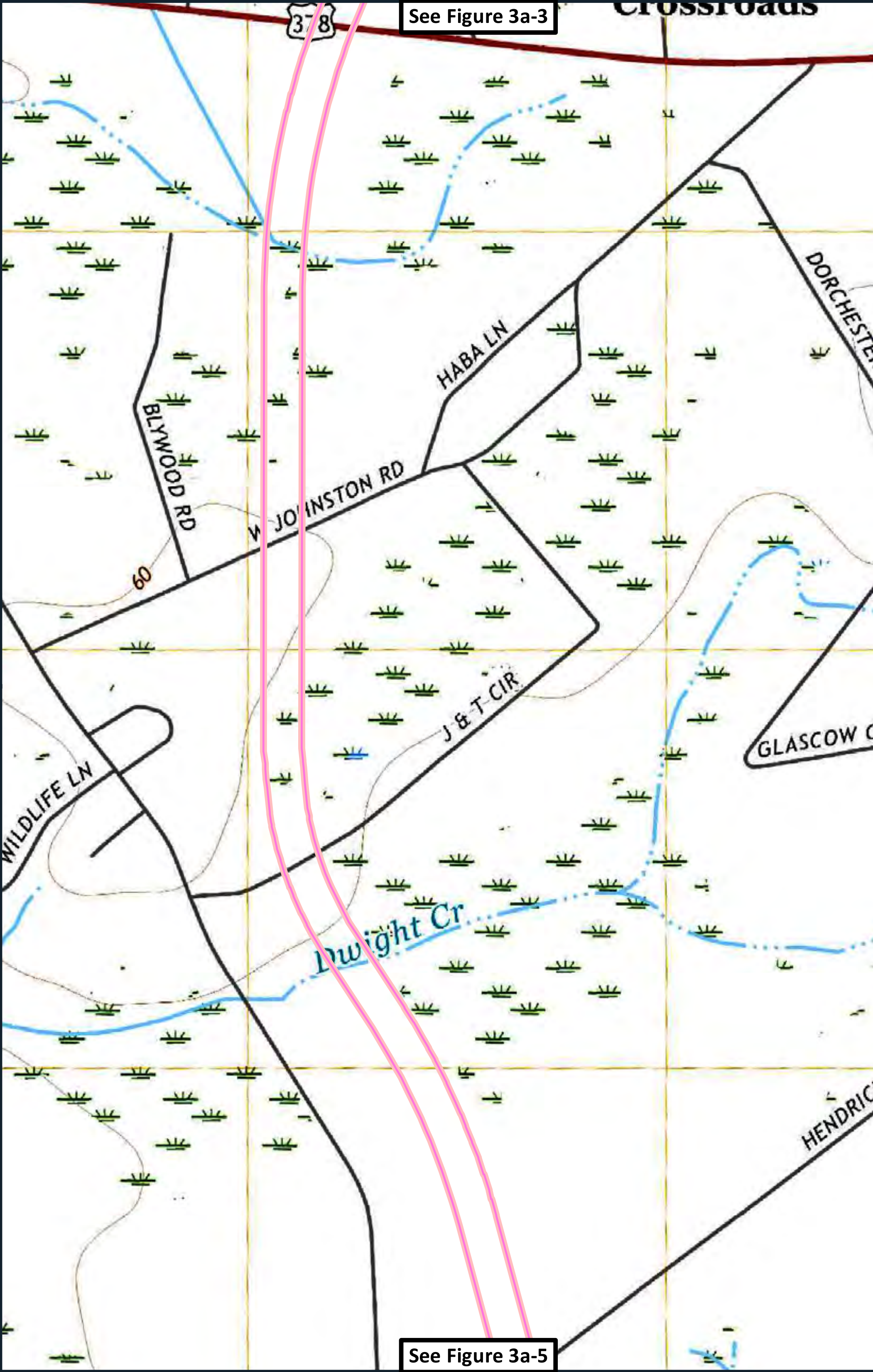
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Map
[Dongola, SC (2020)]

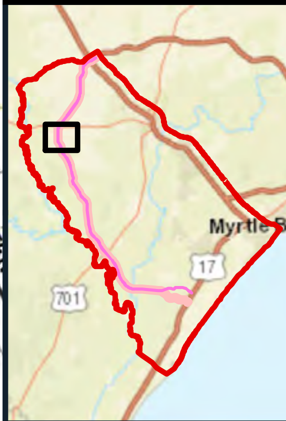
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-3
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

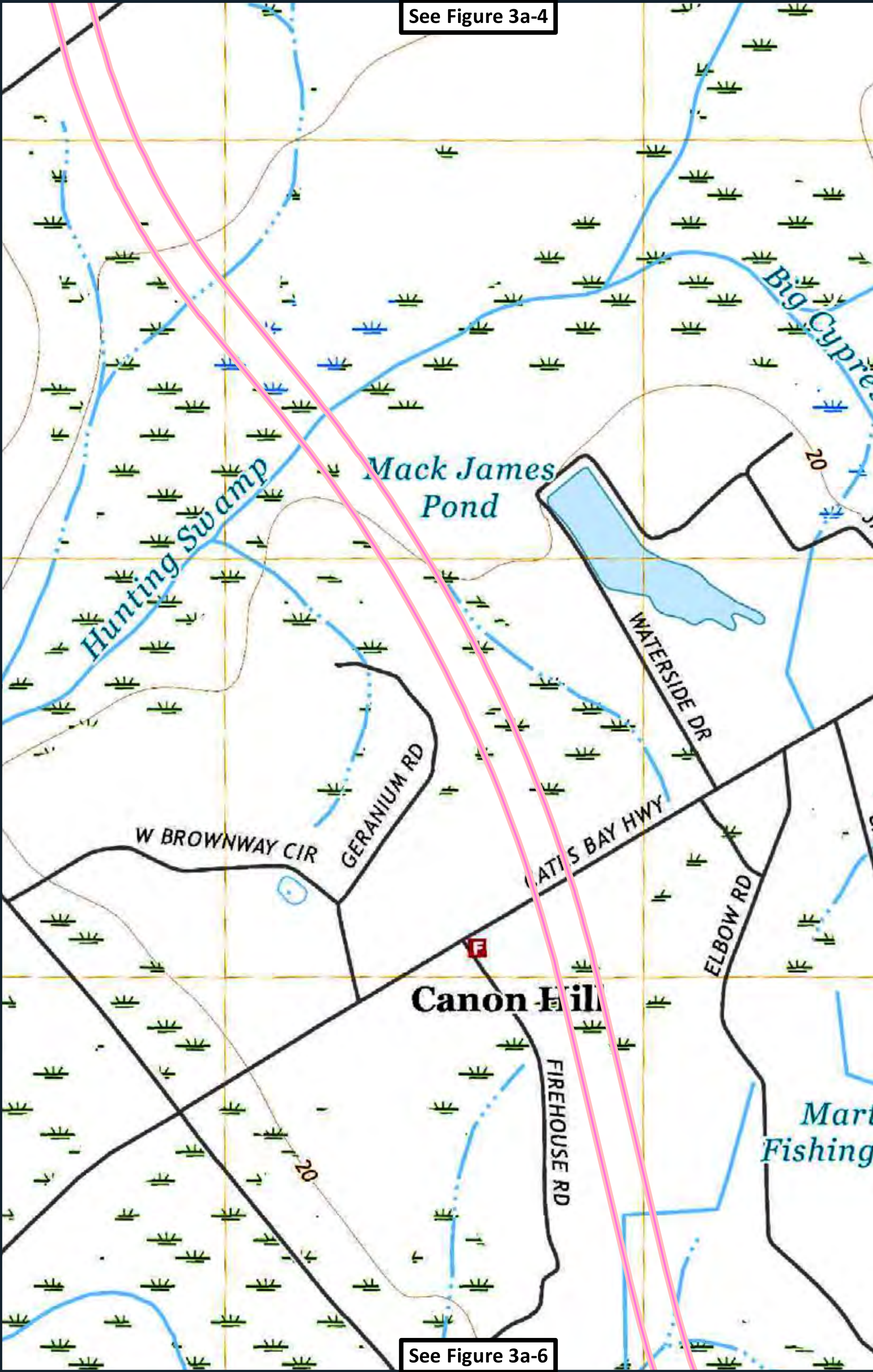
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Map
[Dongola, SC (2020)]

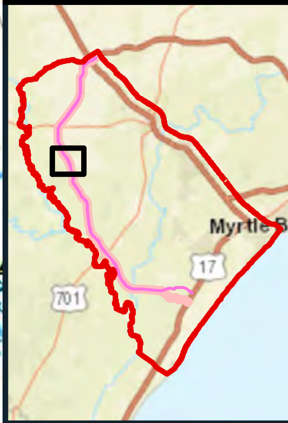
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-4
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

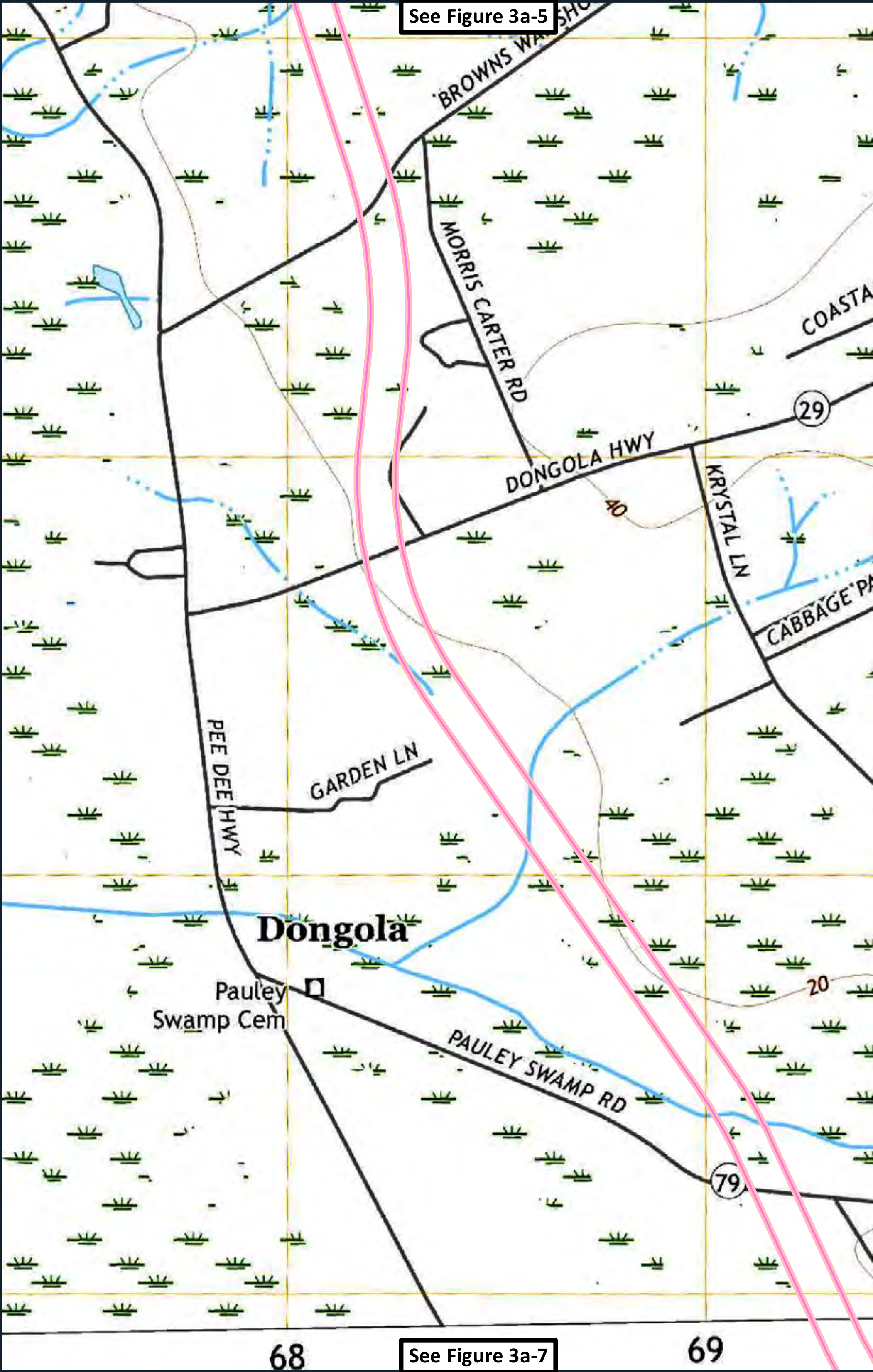
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

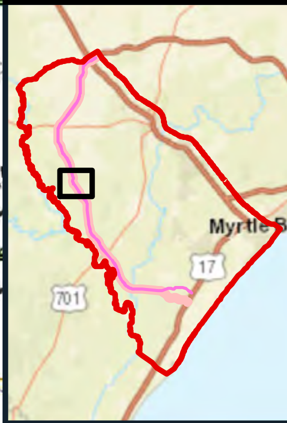
Figure 3a-5
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022

See Figure 3a-5



See Figure 3a-7



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

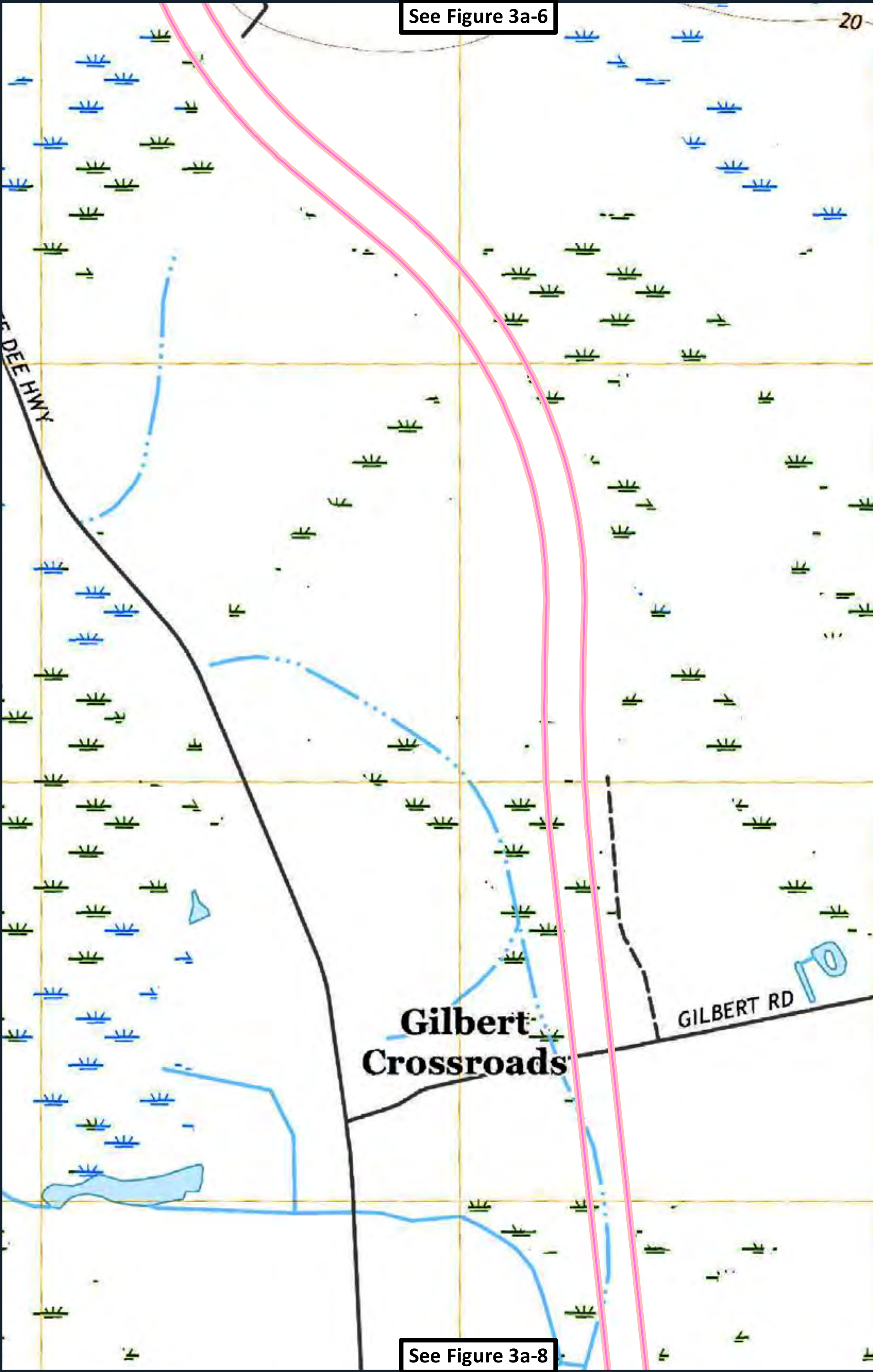
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Map
[Dongola, SC (2020)]

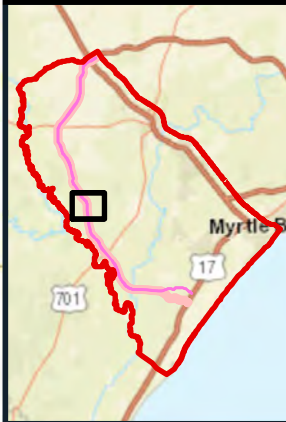
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-6
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

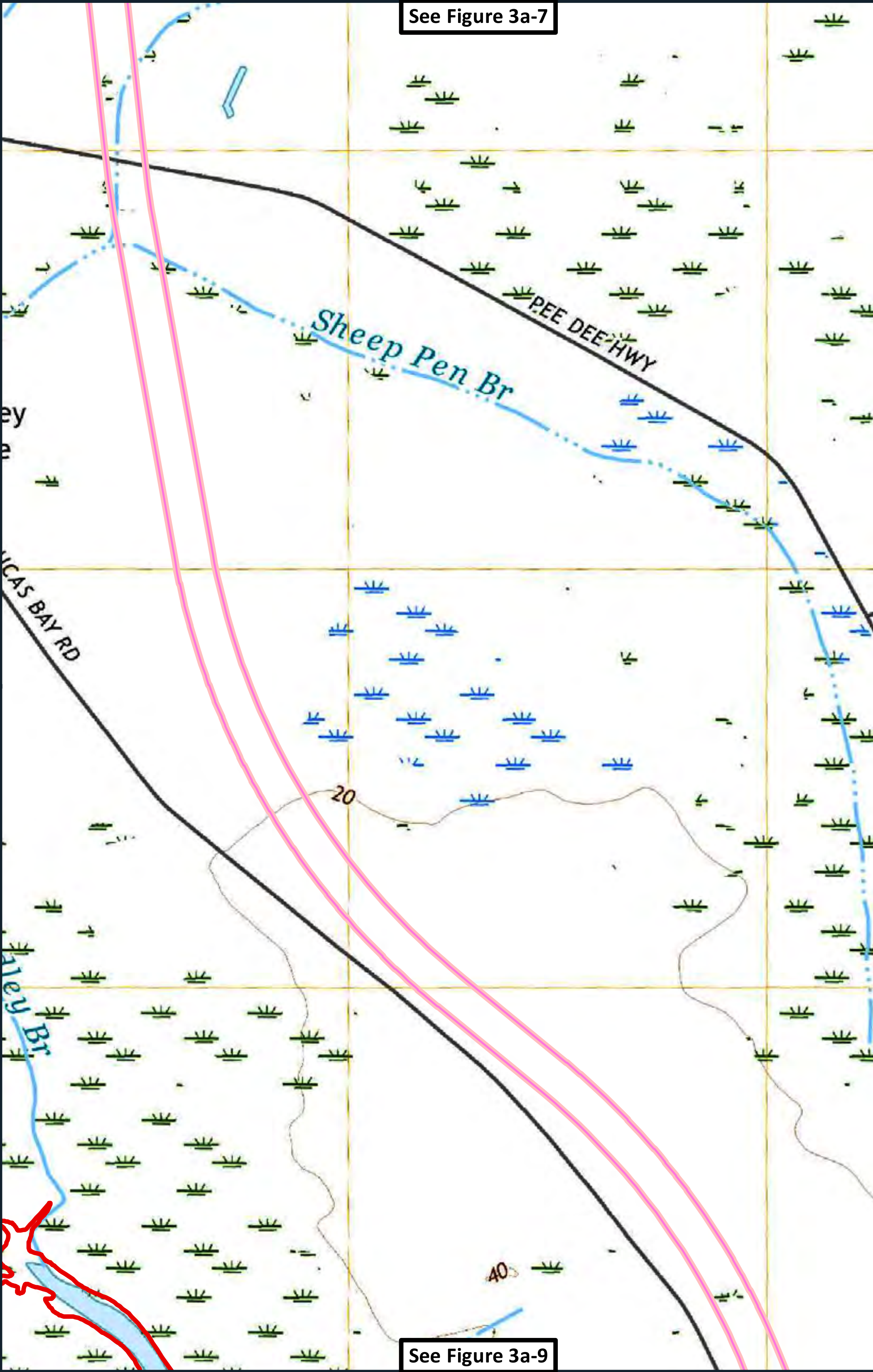
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah, SC (2020)]

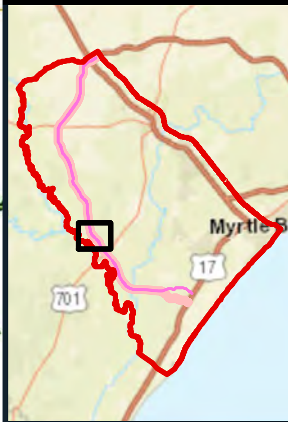
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-7
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah, SC (2020)]

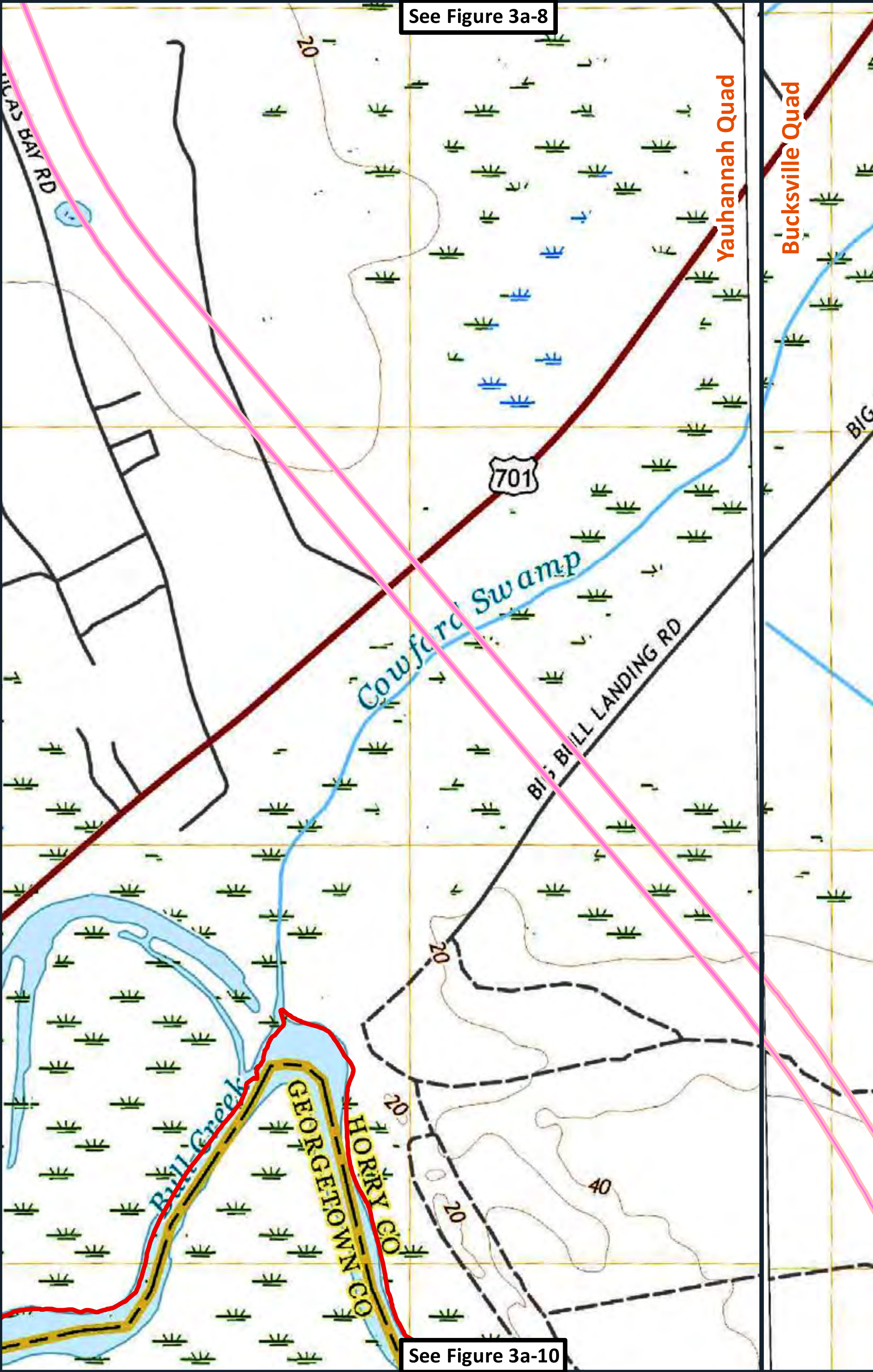
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-8
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

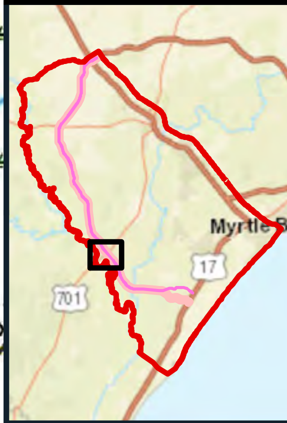
11/2022

See Figure 3a-8



See Figure 3a-10

Horry County
Committed to Excellence
RIDE 3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

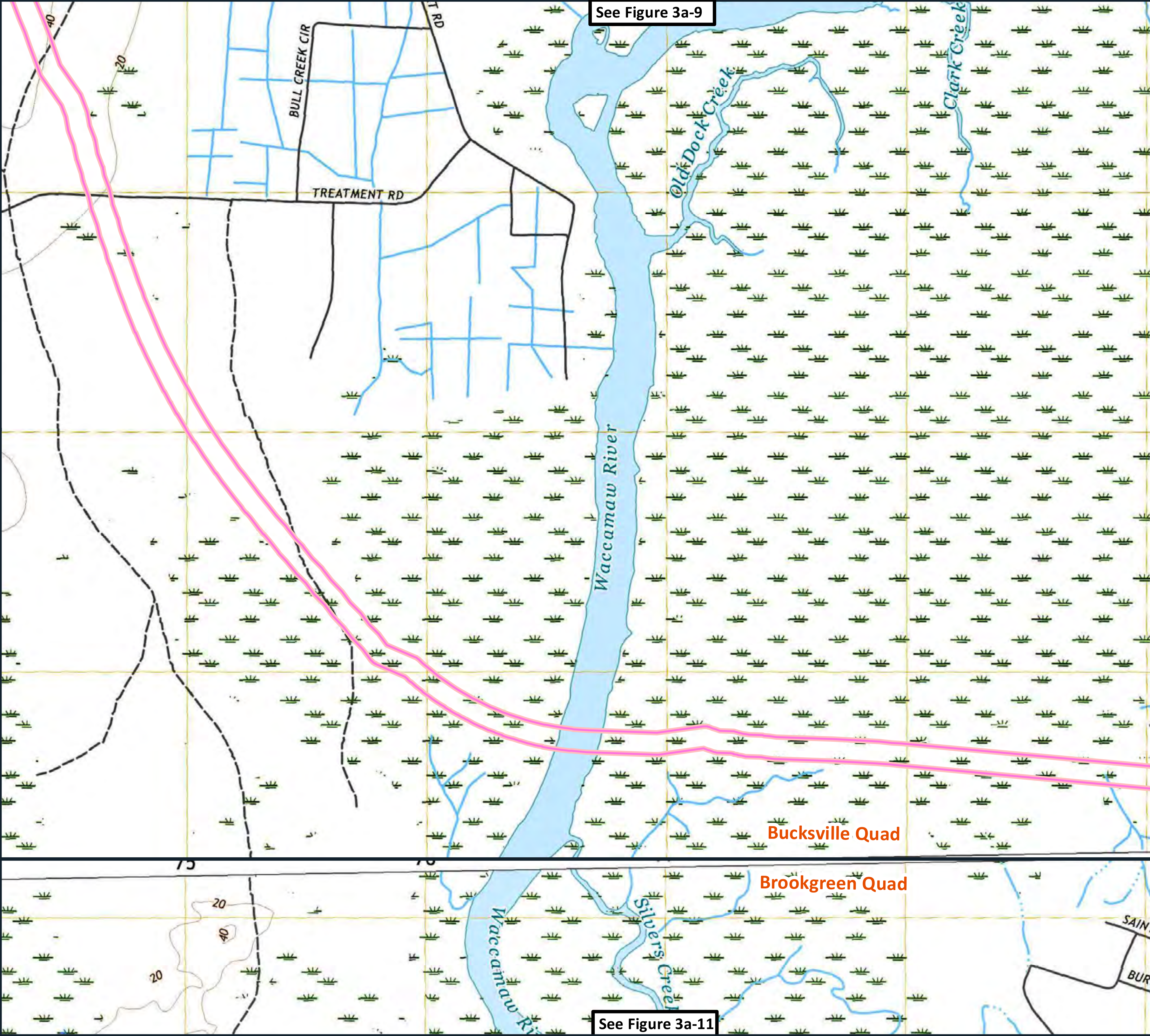
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah & Bucksville, SC (2020)]

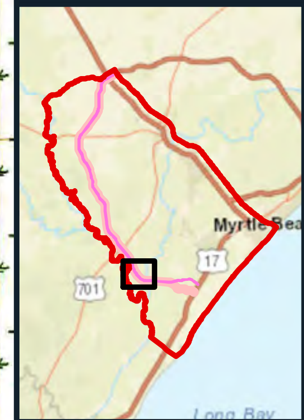
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-9
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Brookgreen & Bucksville, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 3a-10
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022

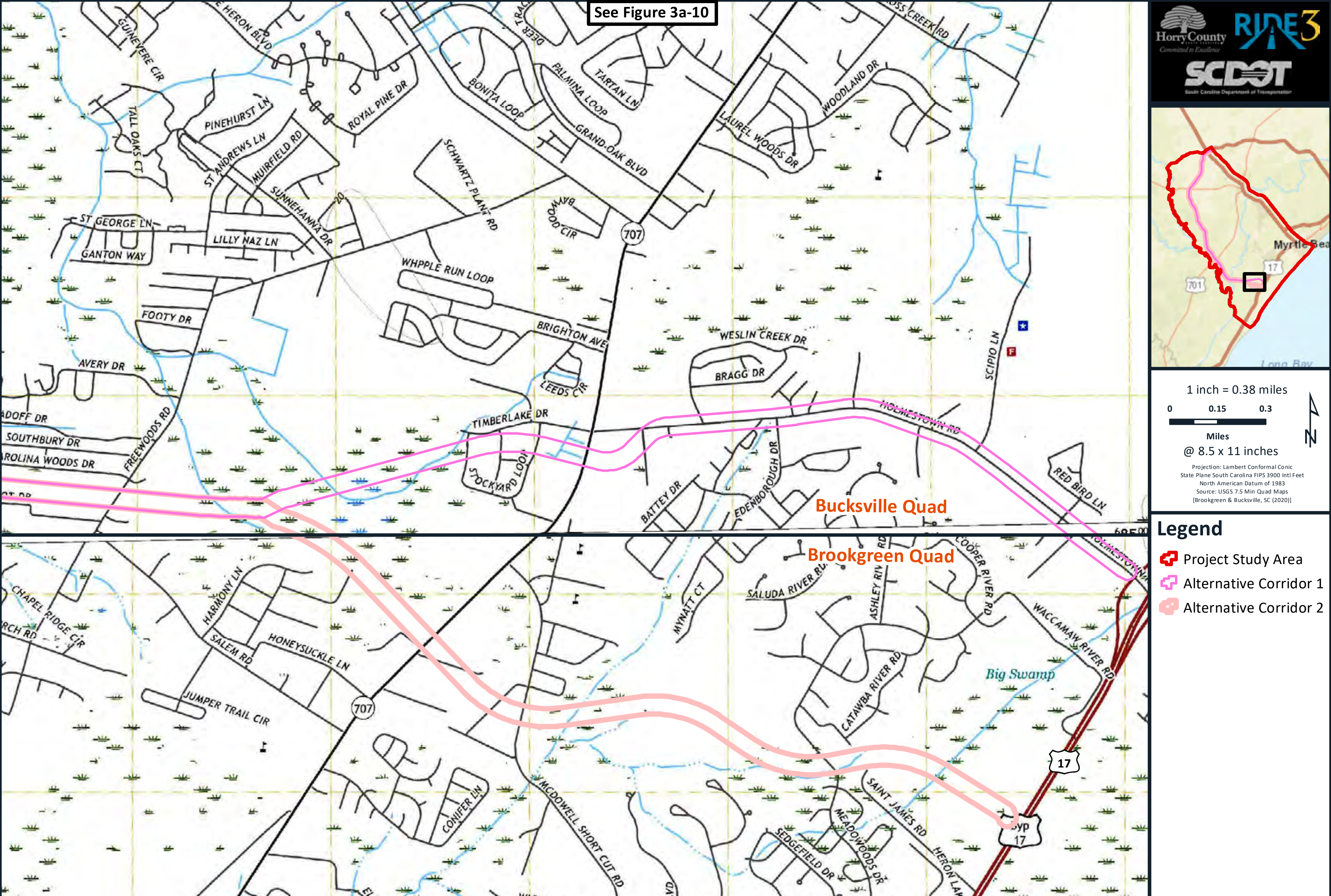
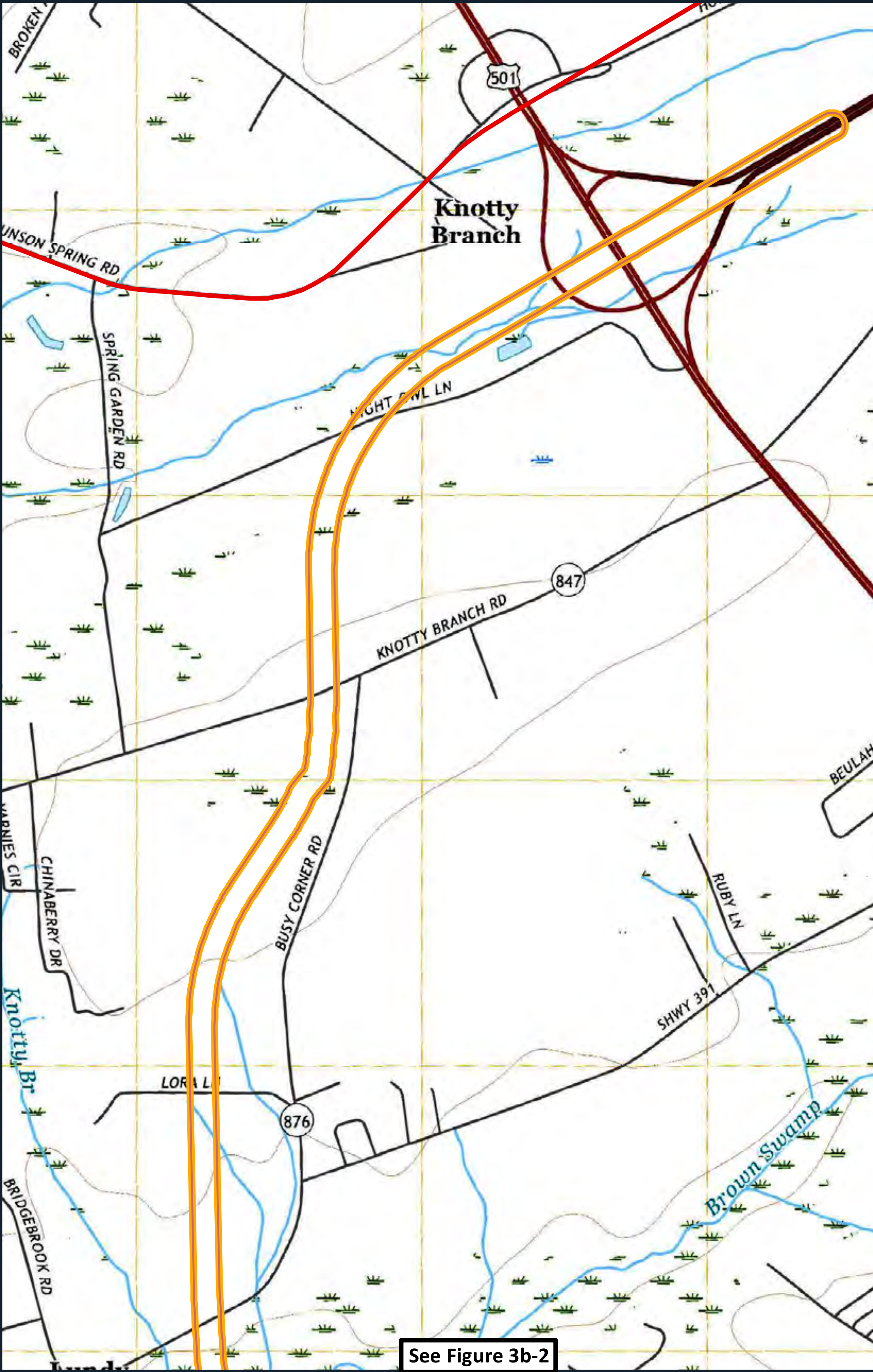
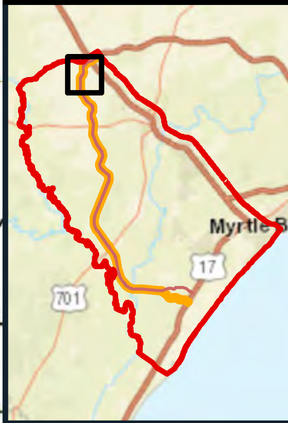


Figure 3a-11
ALTERNATIVES 1 & 2
TOPOGRAPHIC MAP

11/2022



See Figure 3b-2



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

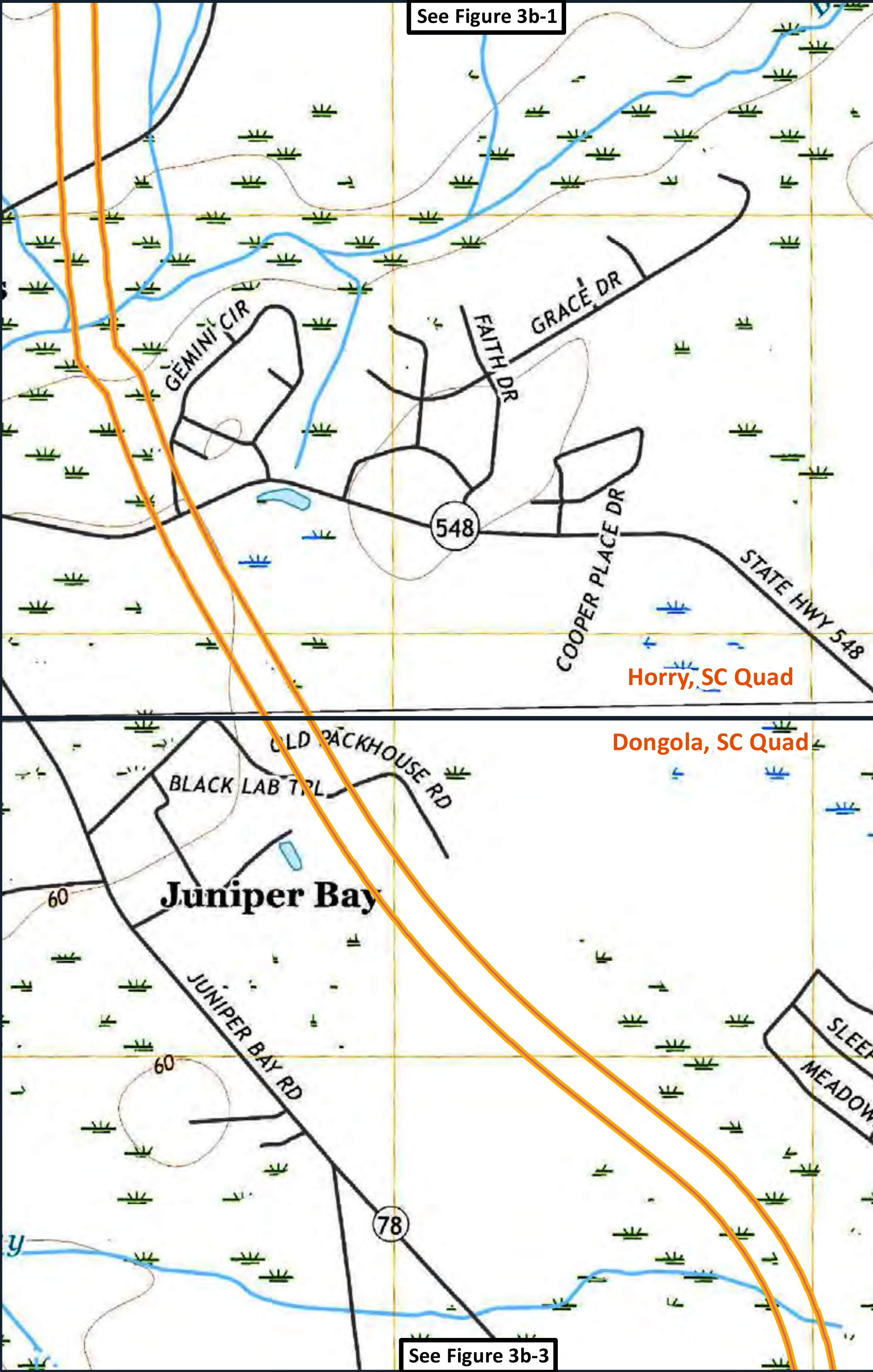
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Map [Horry, SC (2020)]

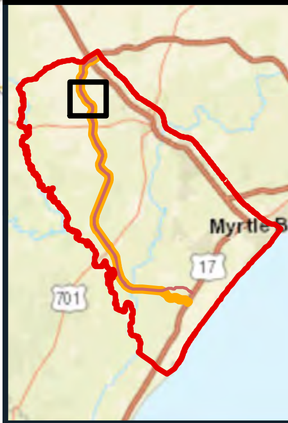
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-1
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

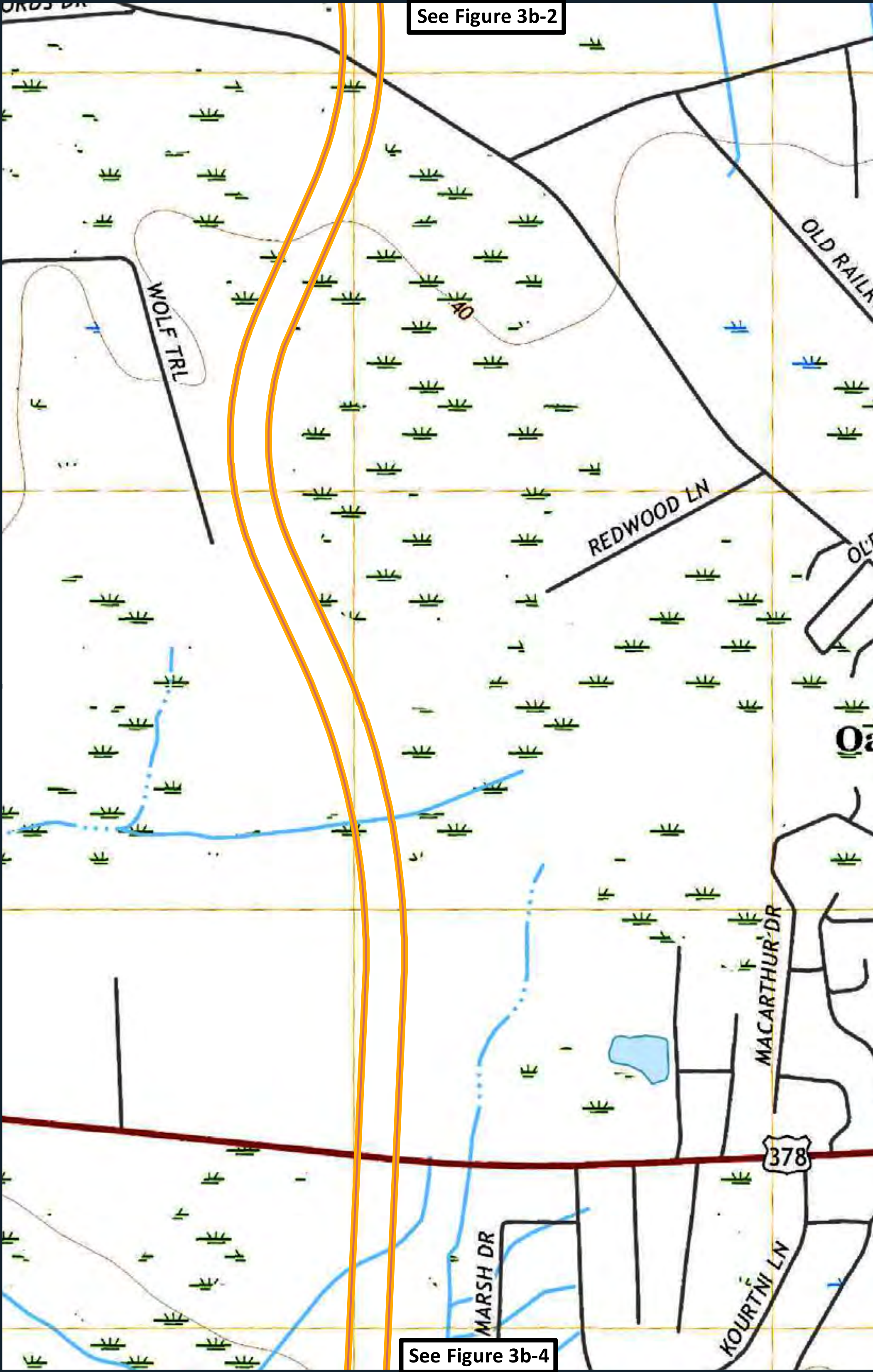
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry & Dongola, SC (2020)]

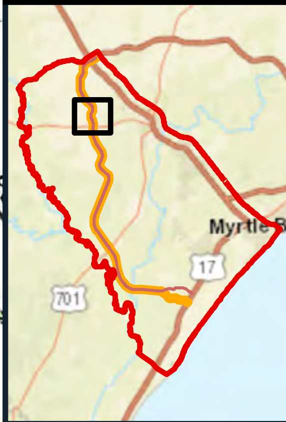
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-2
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

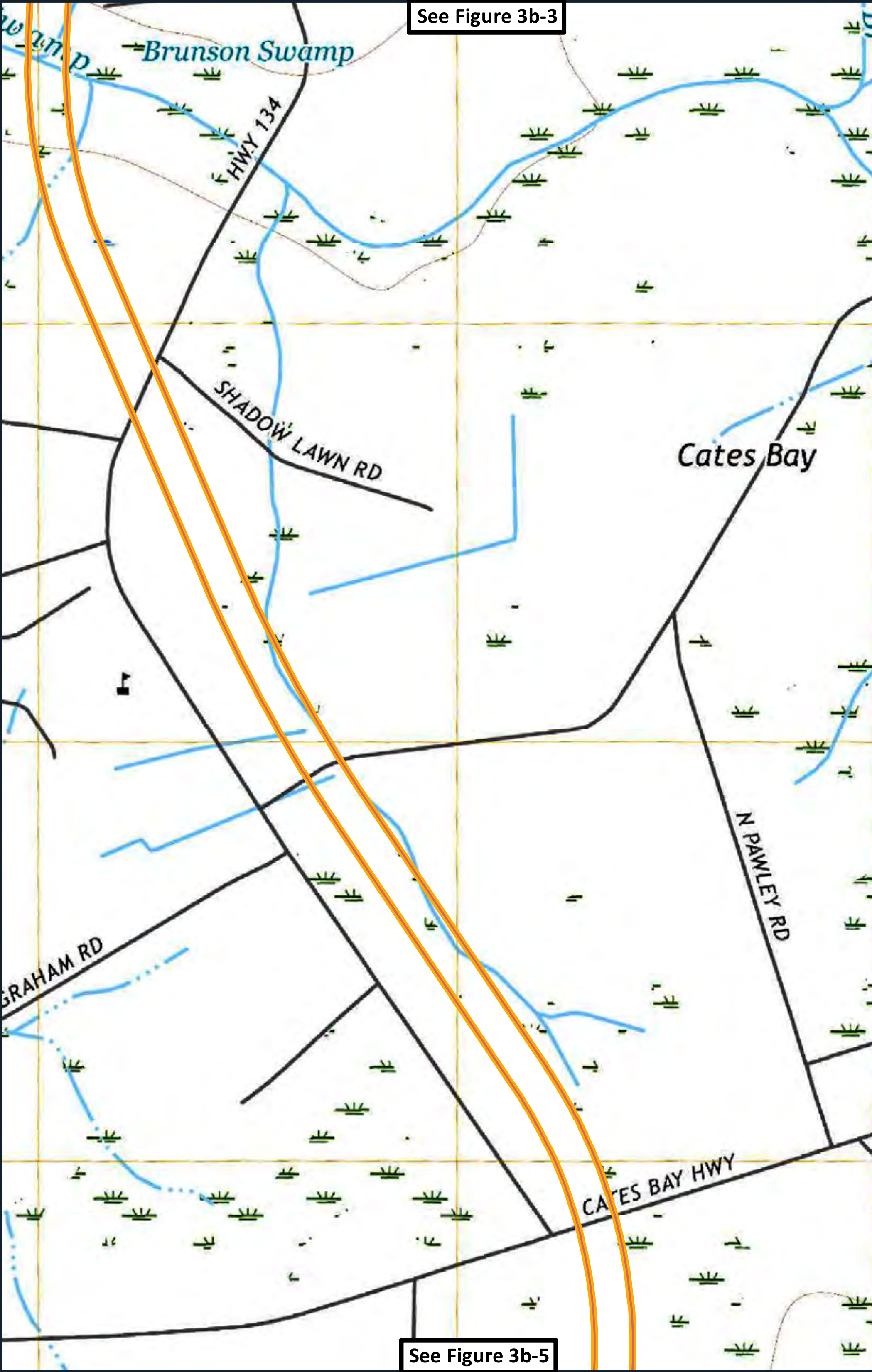
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

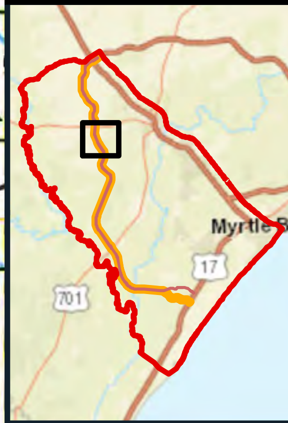
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-3
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

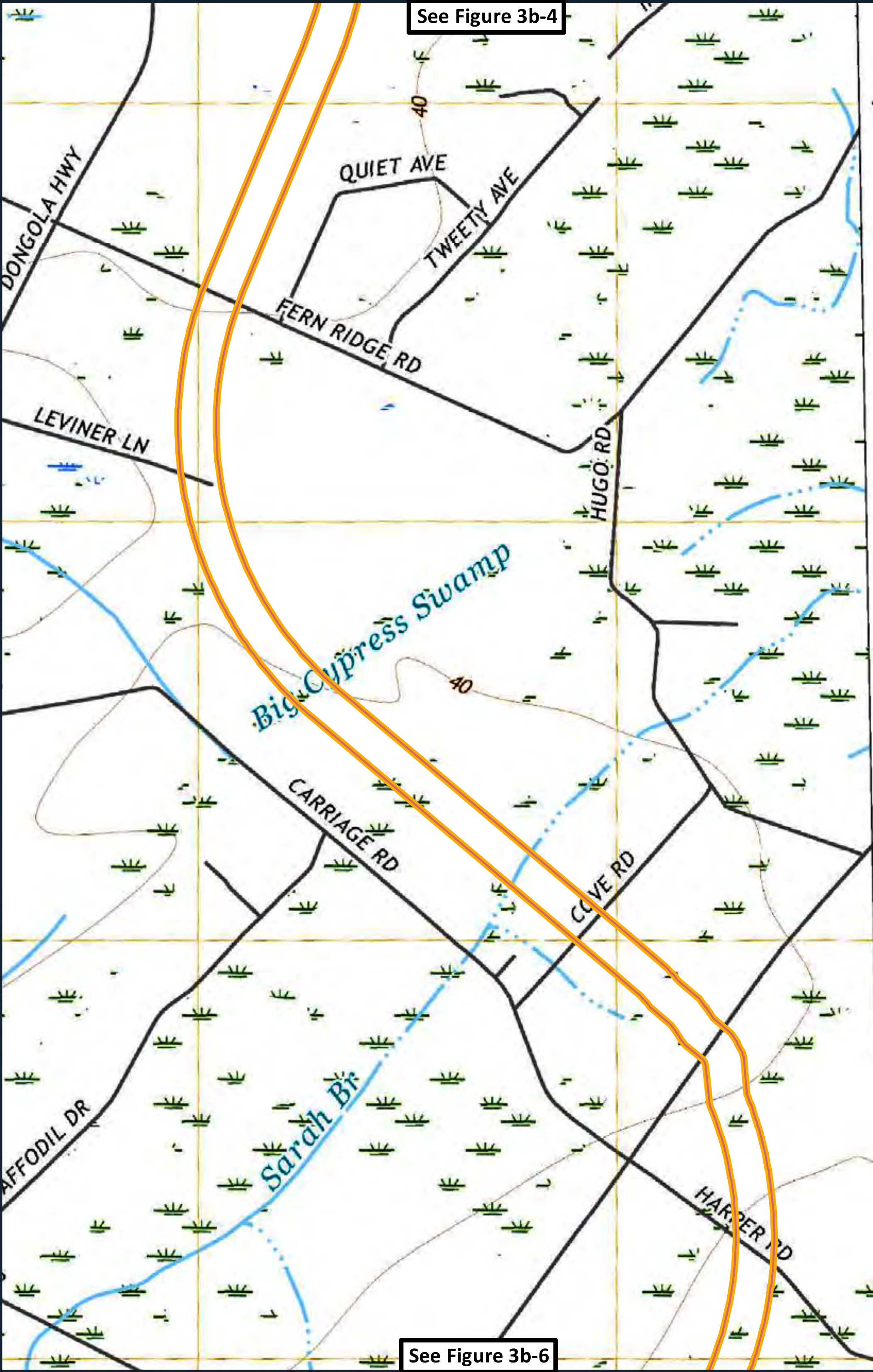
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

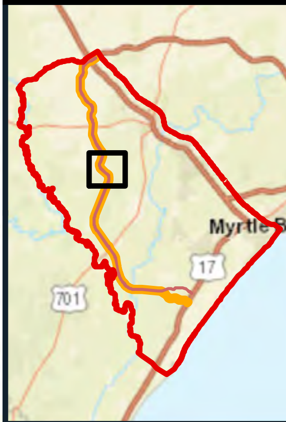
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-4
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

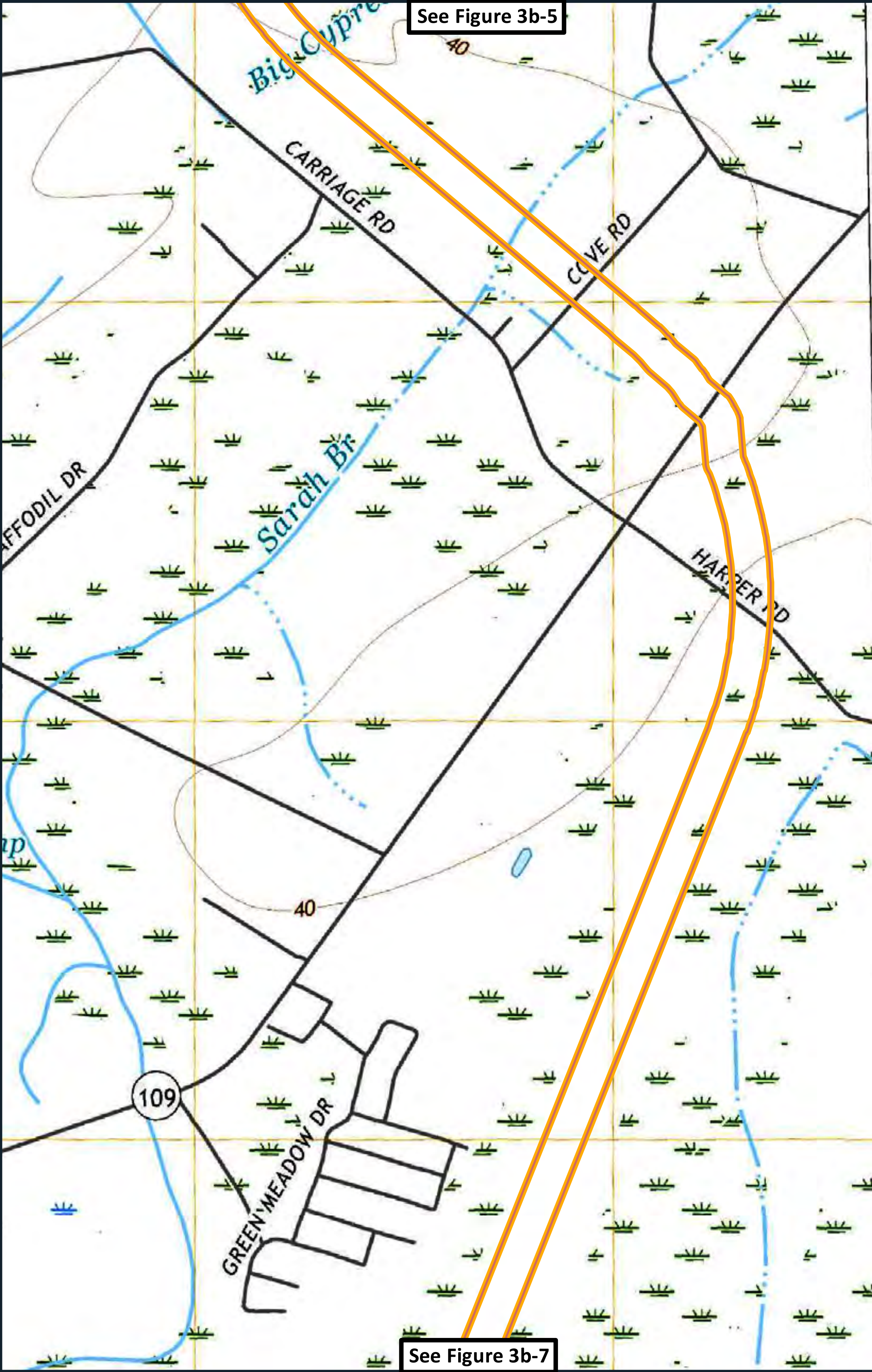
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

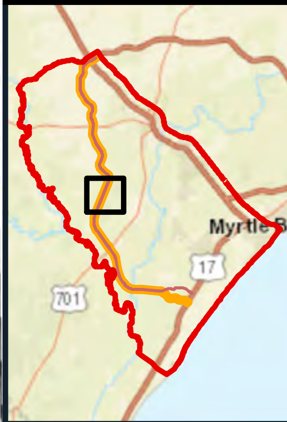
Figure 3b-5
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022

See Figure 3b-5



See Figure 3b-7



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

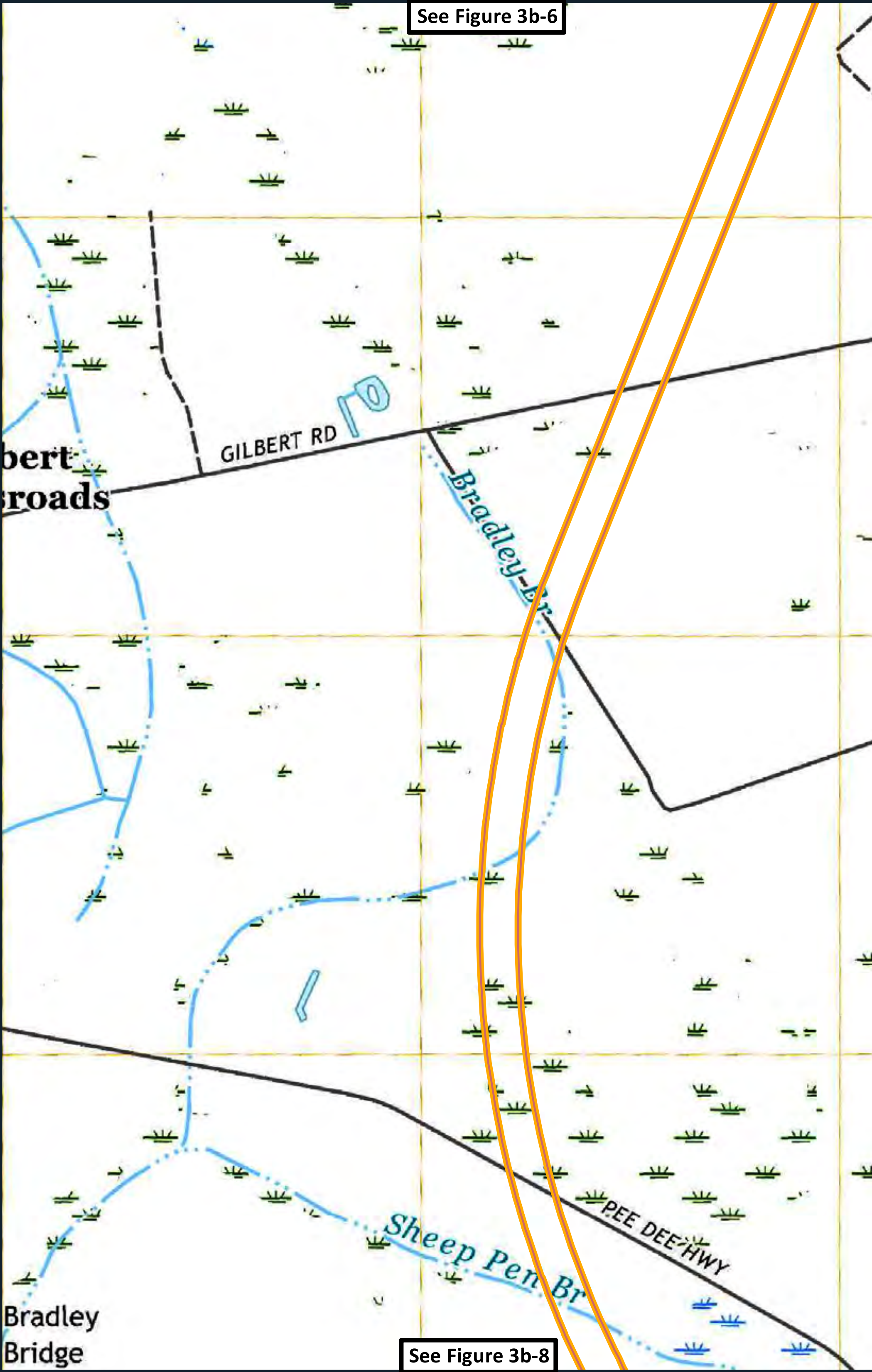
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-6
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

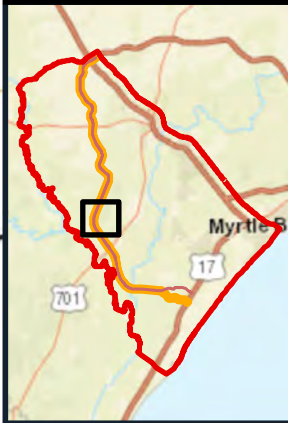
11/2022

See Figure 3b-6



See Figure 3b-8

Horry County
Committed to Excellence
RIDE3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah, SC (2020)]

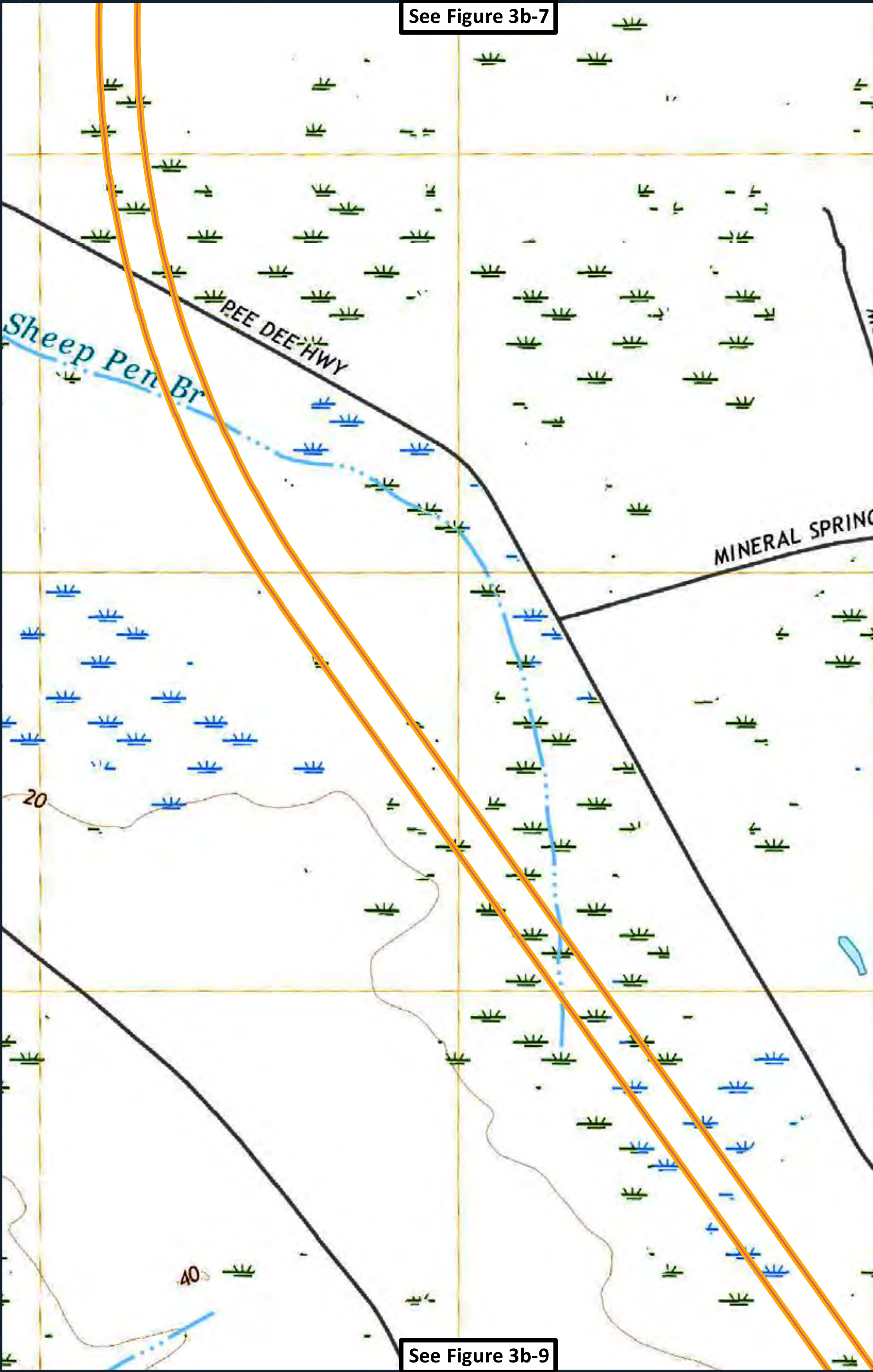
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-7
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022

See Figure 3b-7



See Figure 3b-9

Horry County
Committed to Excellence
RIDE3
SCDOT
South Carolina Department of Transportation

1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

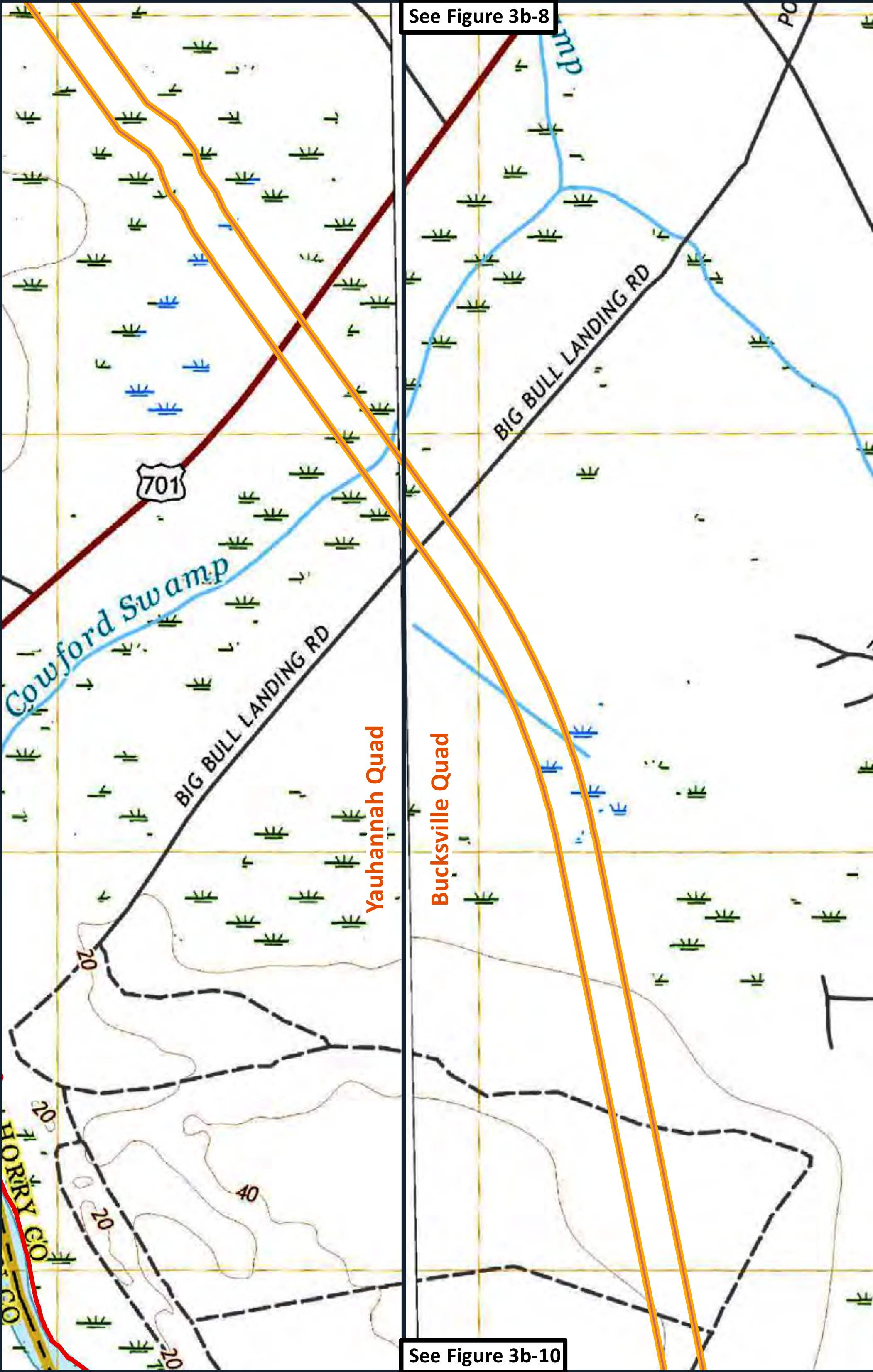
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah, SC (2020)]

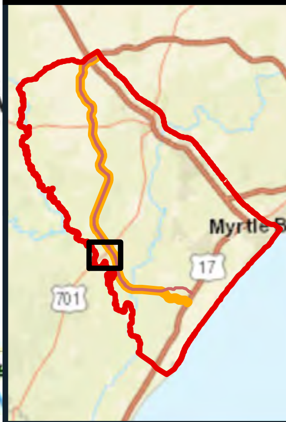
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-8
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

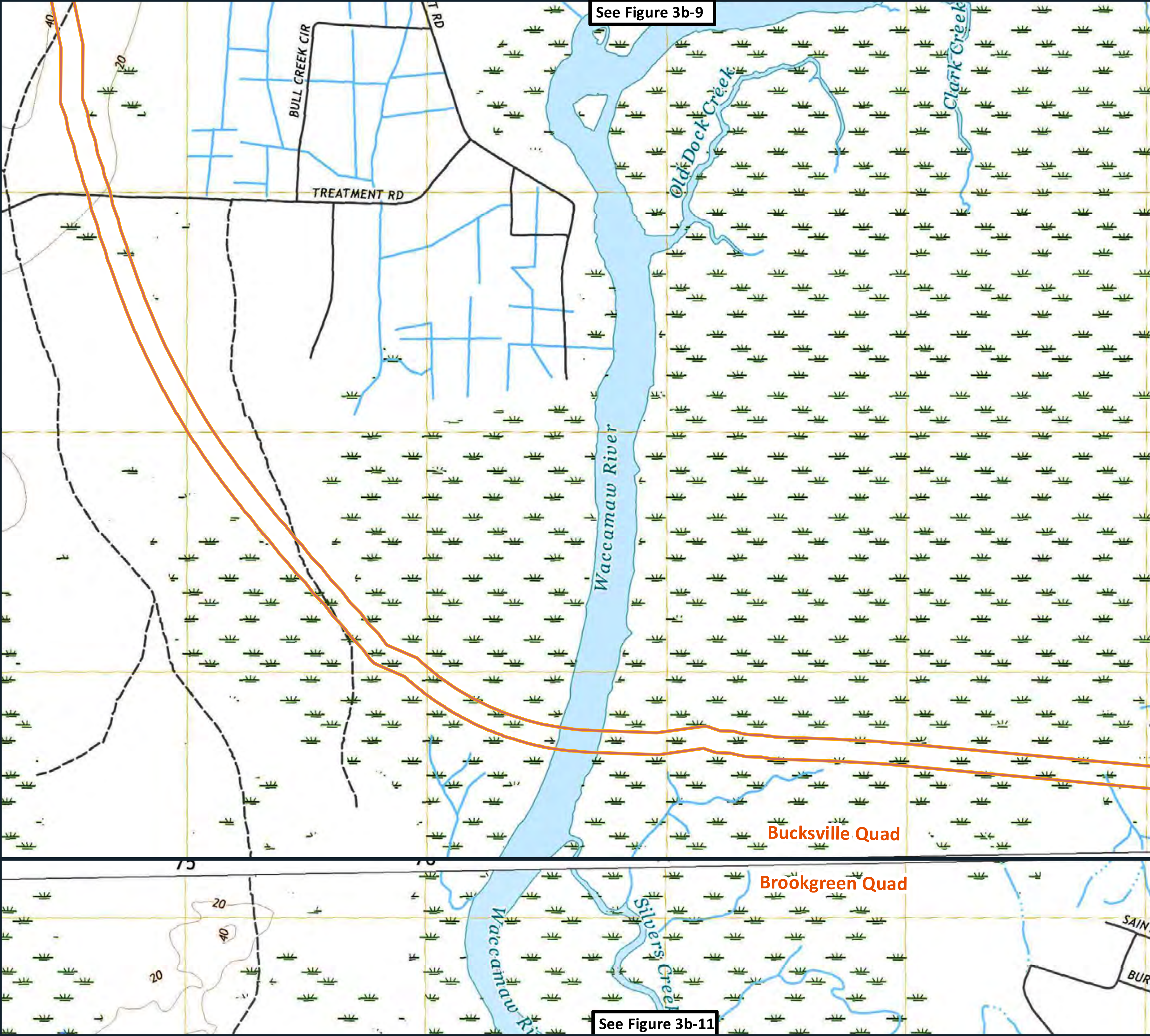
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah & Bucksville, SC (2020)]

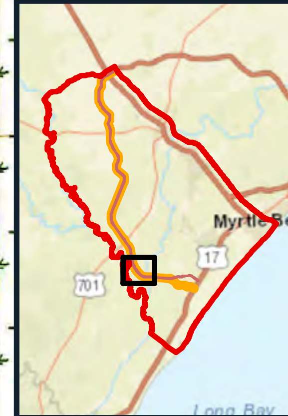
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-9
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

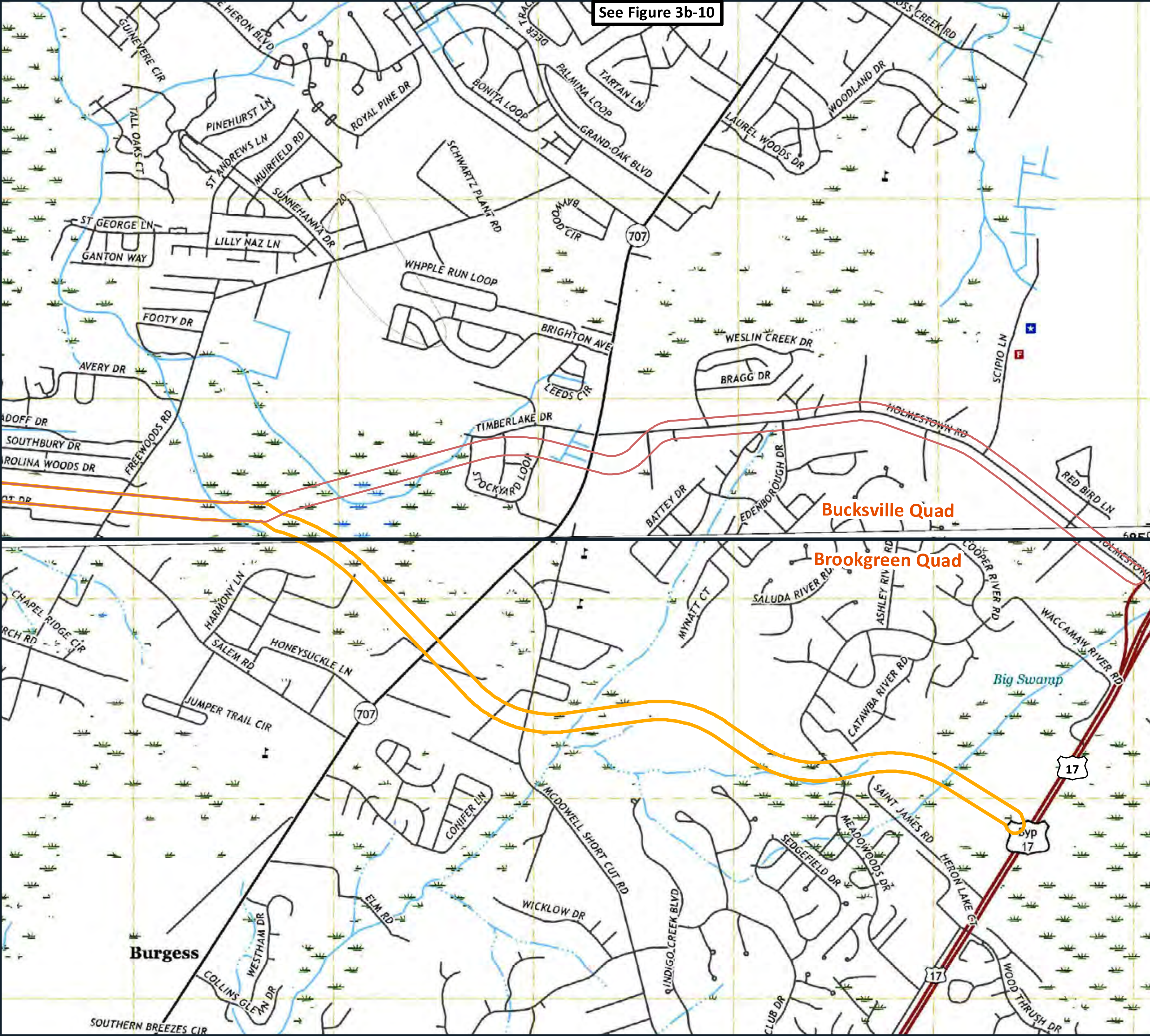
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Brookgreen & Bucksville, SC (2020)]

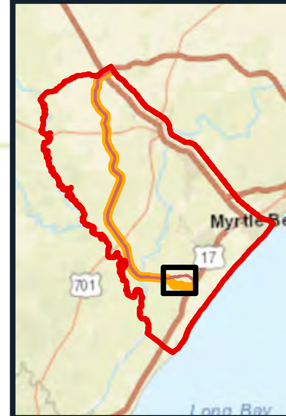
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-10
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022





1 inch = 0.38 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

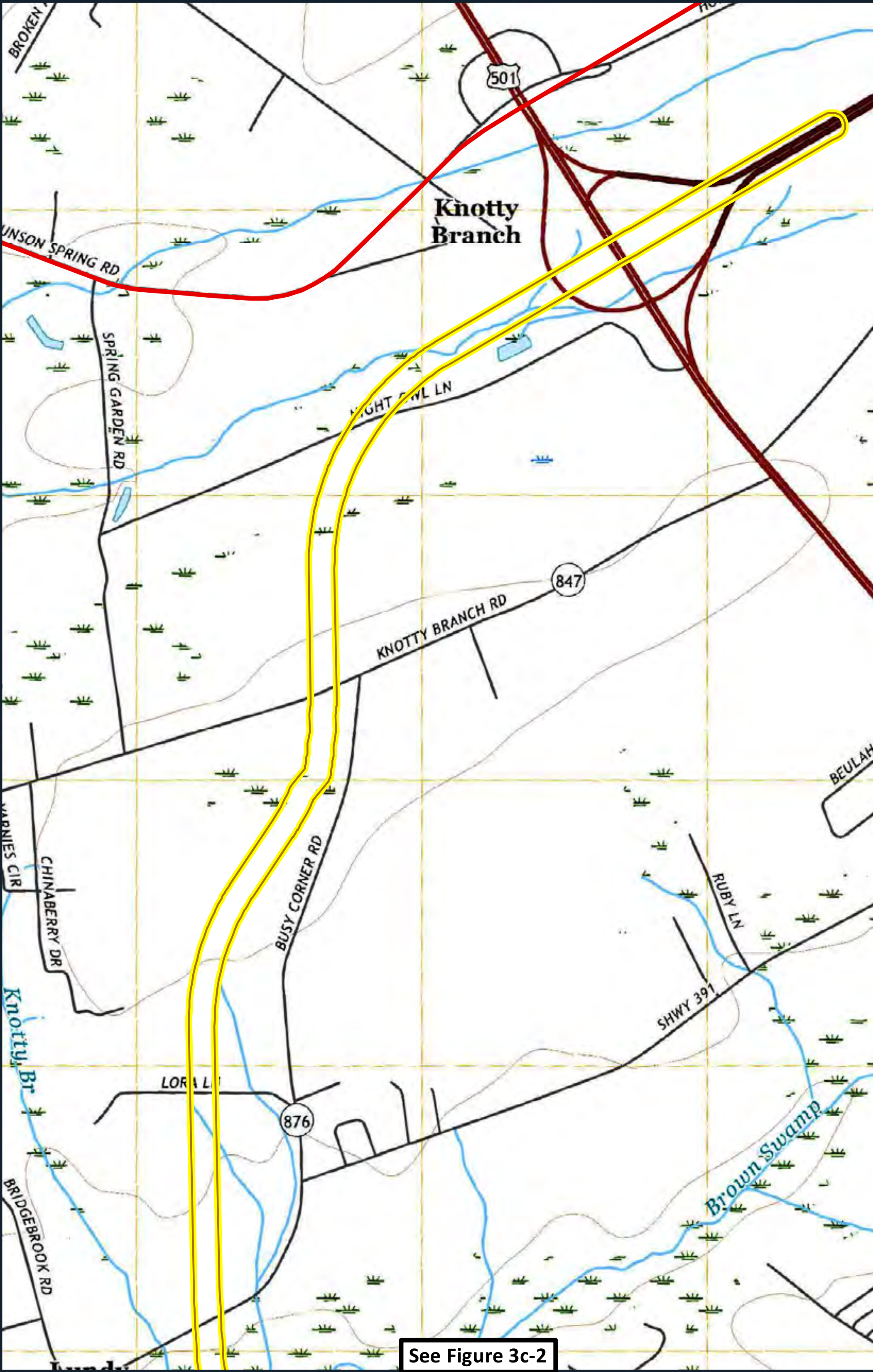
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Brookgreen & Bucksville, SC (2020)]

Legend

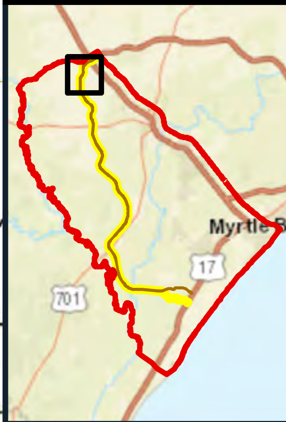
- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 3b-11
ALTERNATIVES 3 & 4
TOPOGRAPHIC MAP

11/2022



See Figure 3c-2



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Map [Horry, SC (2020)]

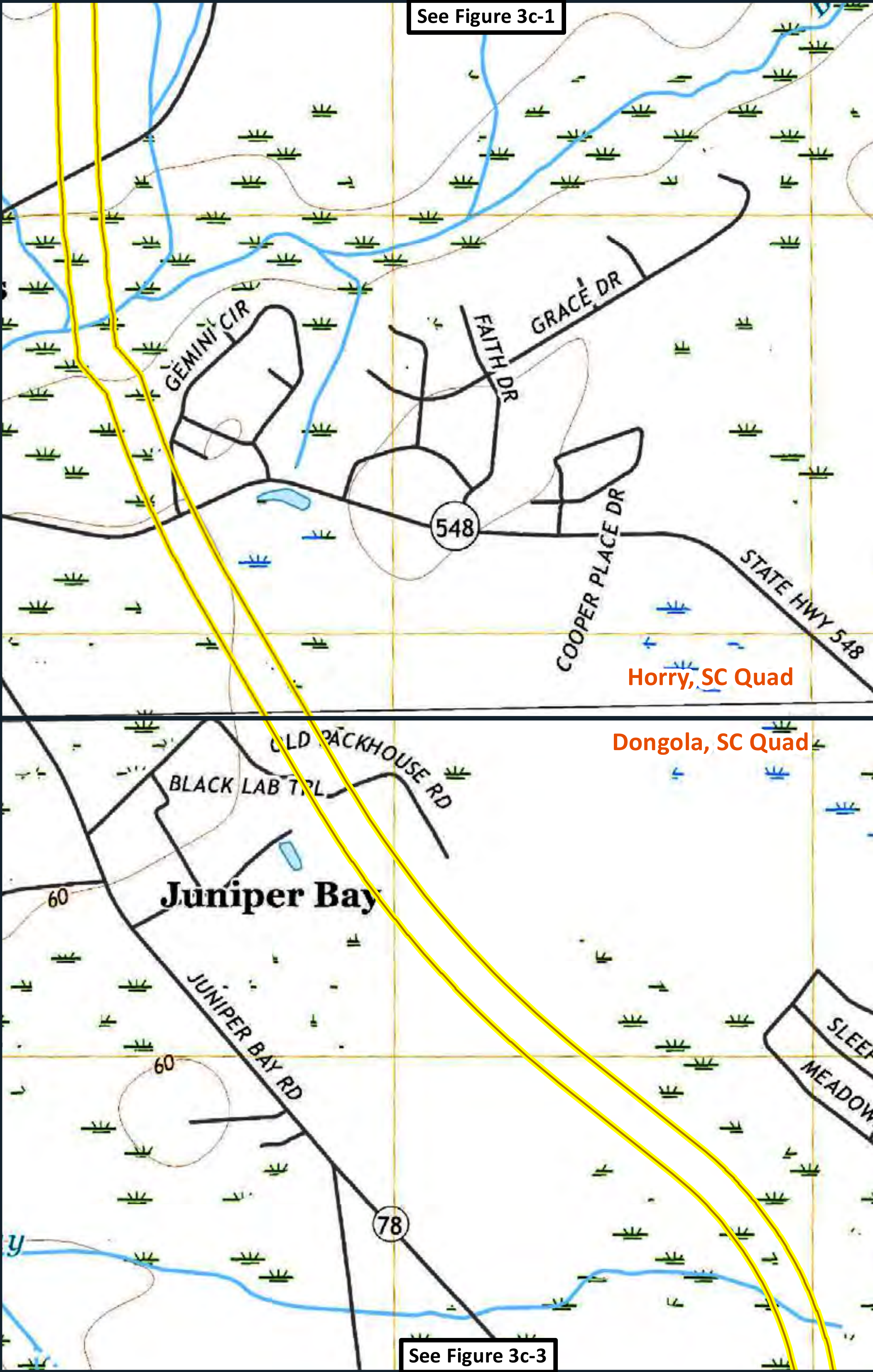
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

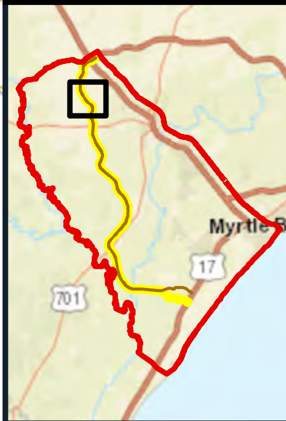
Figure 3c-1
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022

See Figure 3c-1



See Figure 3c-3



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

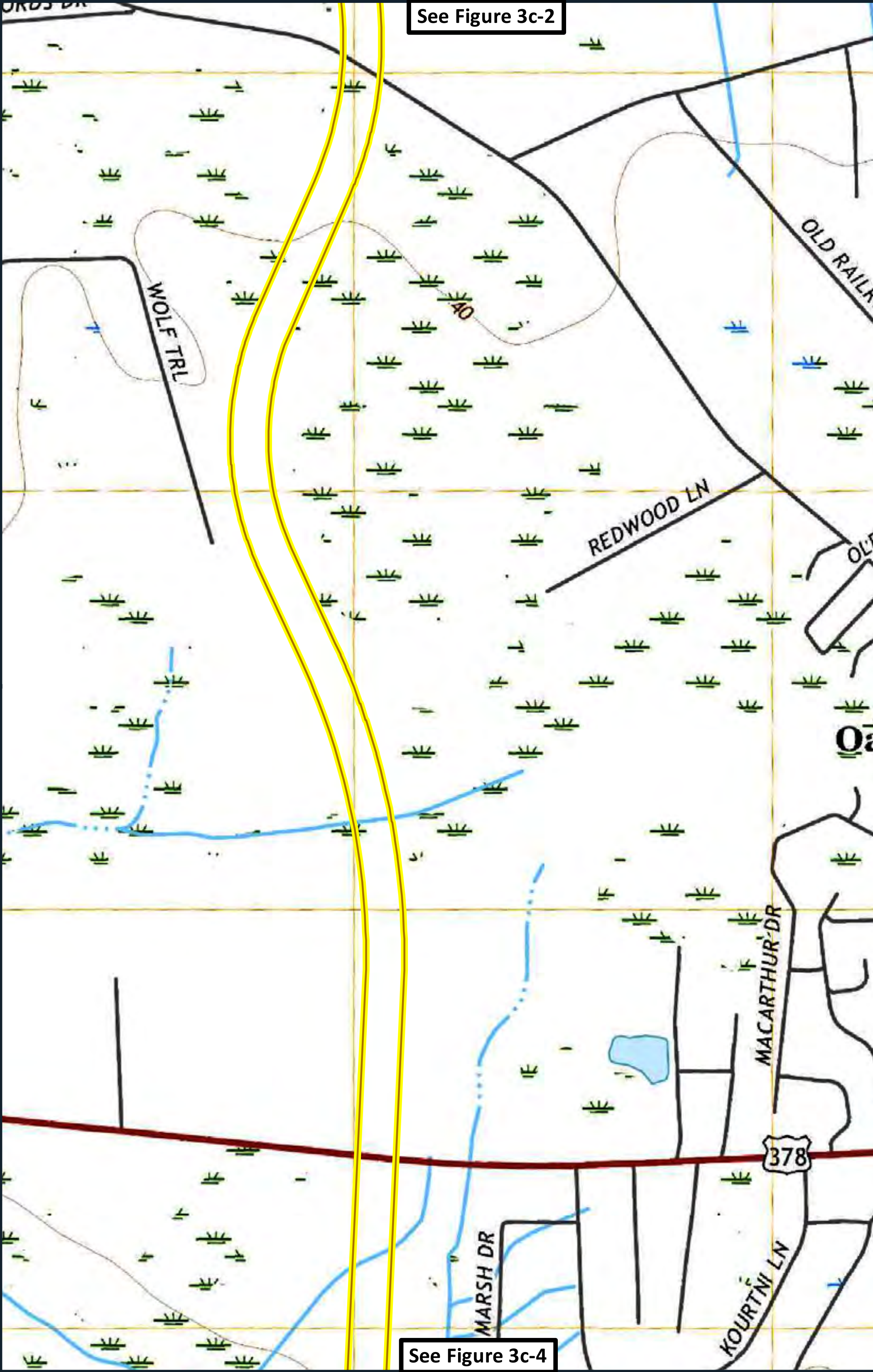
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry & Dongola, SC (2020)]

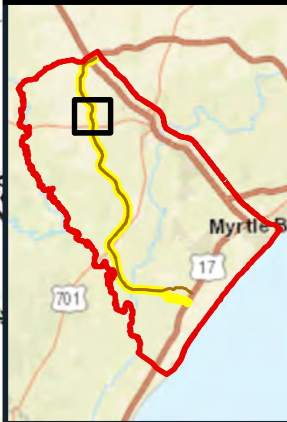
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 3c-2
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

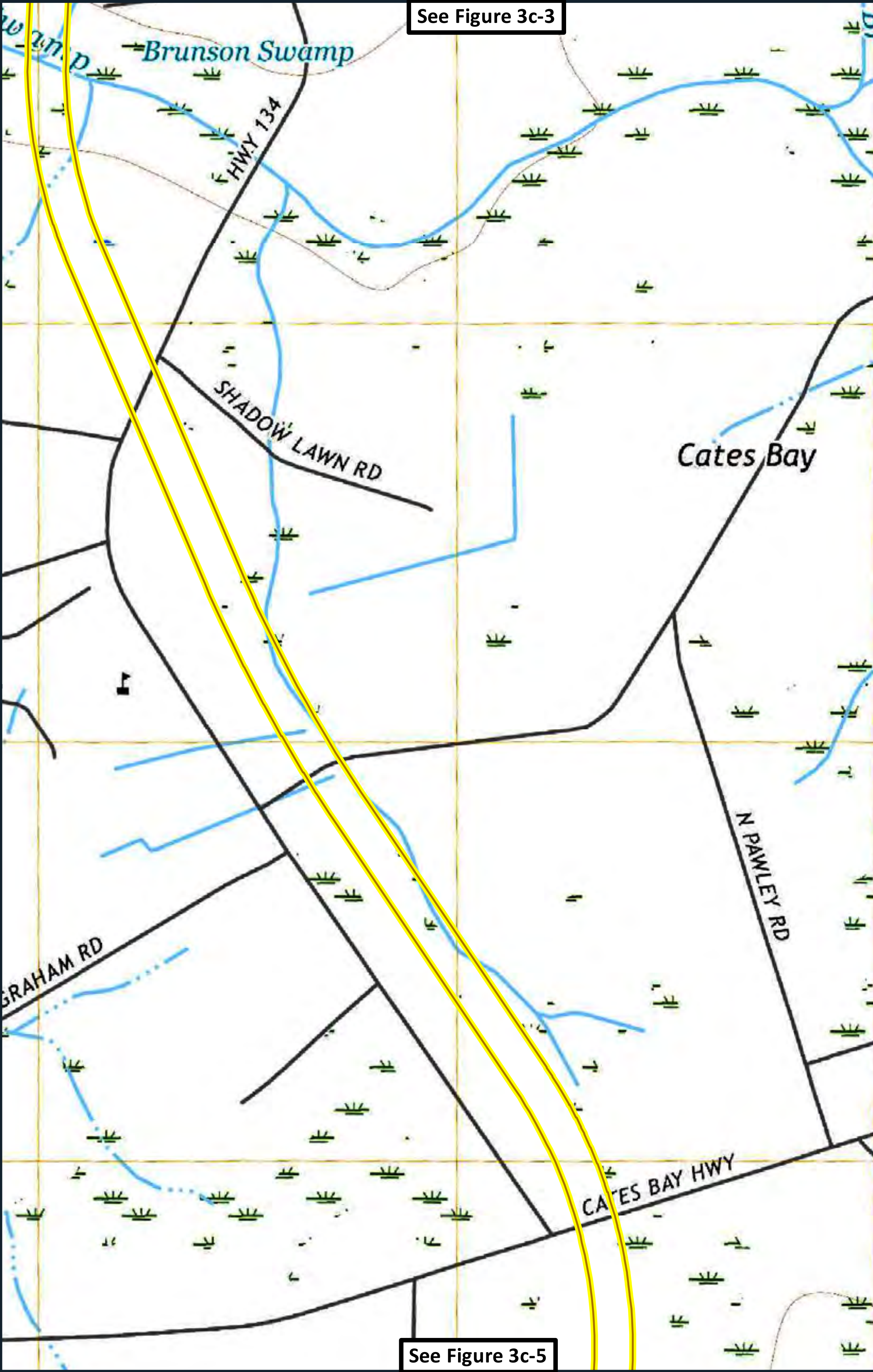
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

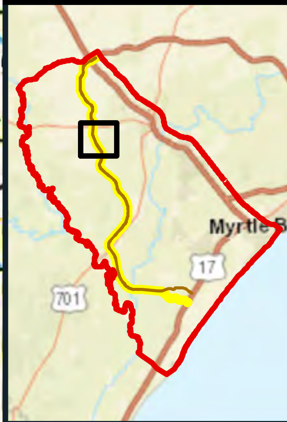
Figure 3c-3
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022

See Figure 3c-3



See Figure 3c-5



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

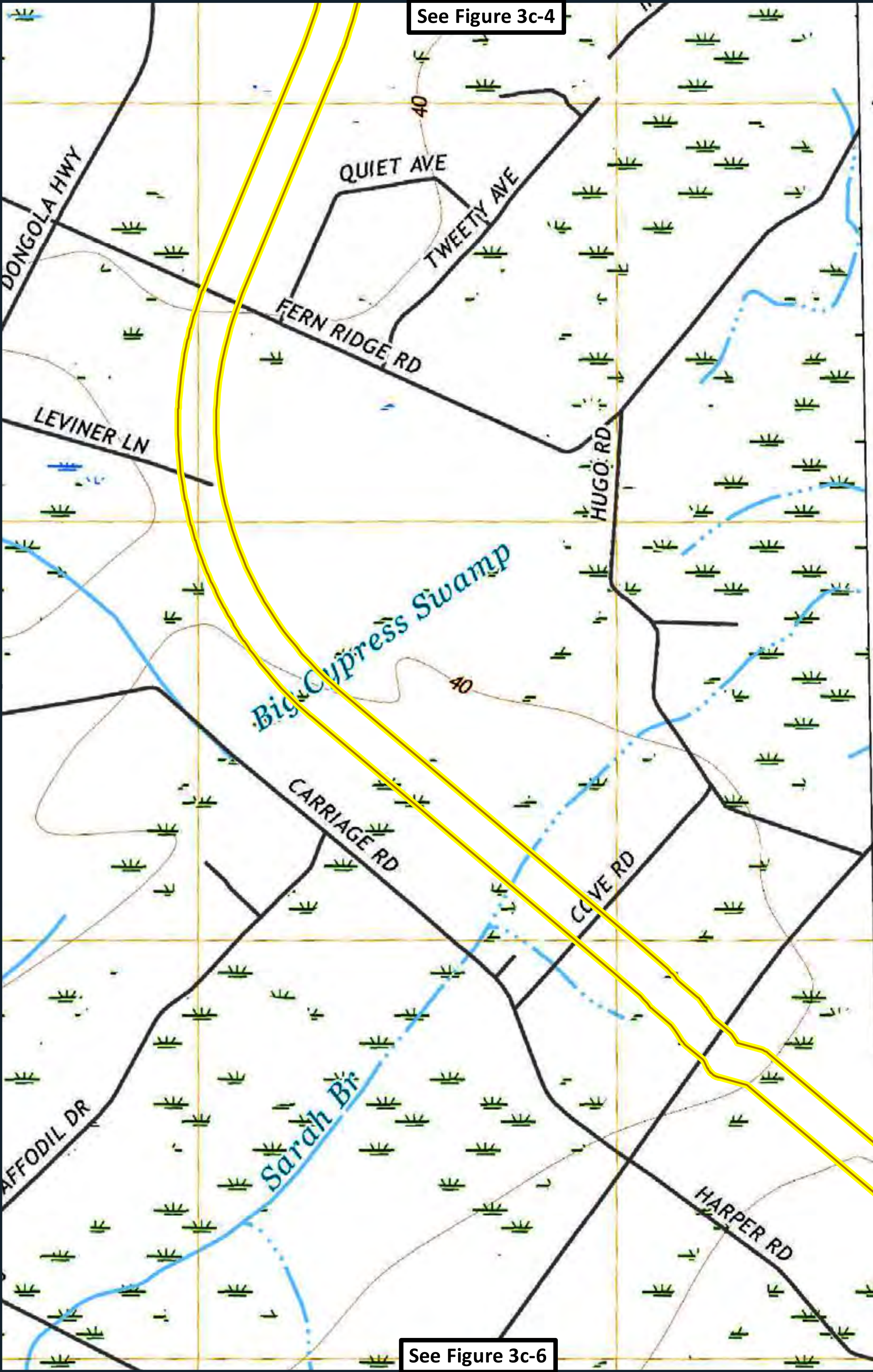
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

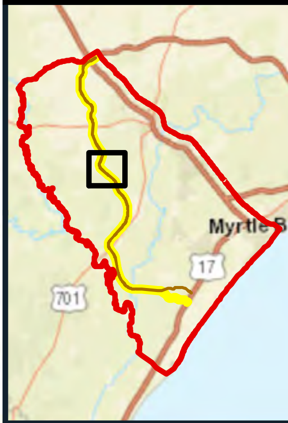
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 3c-4
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

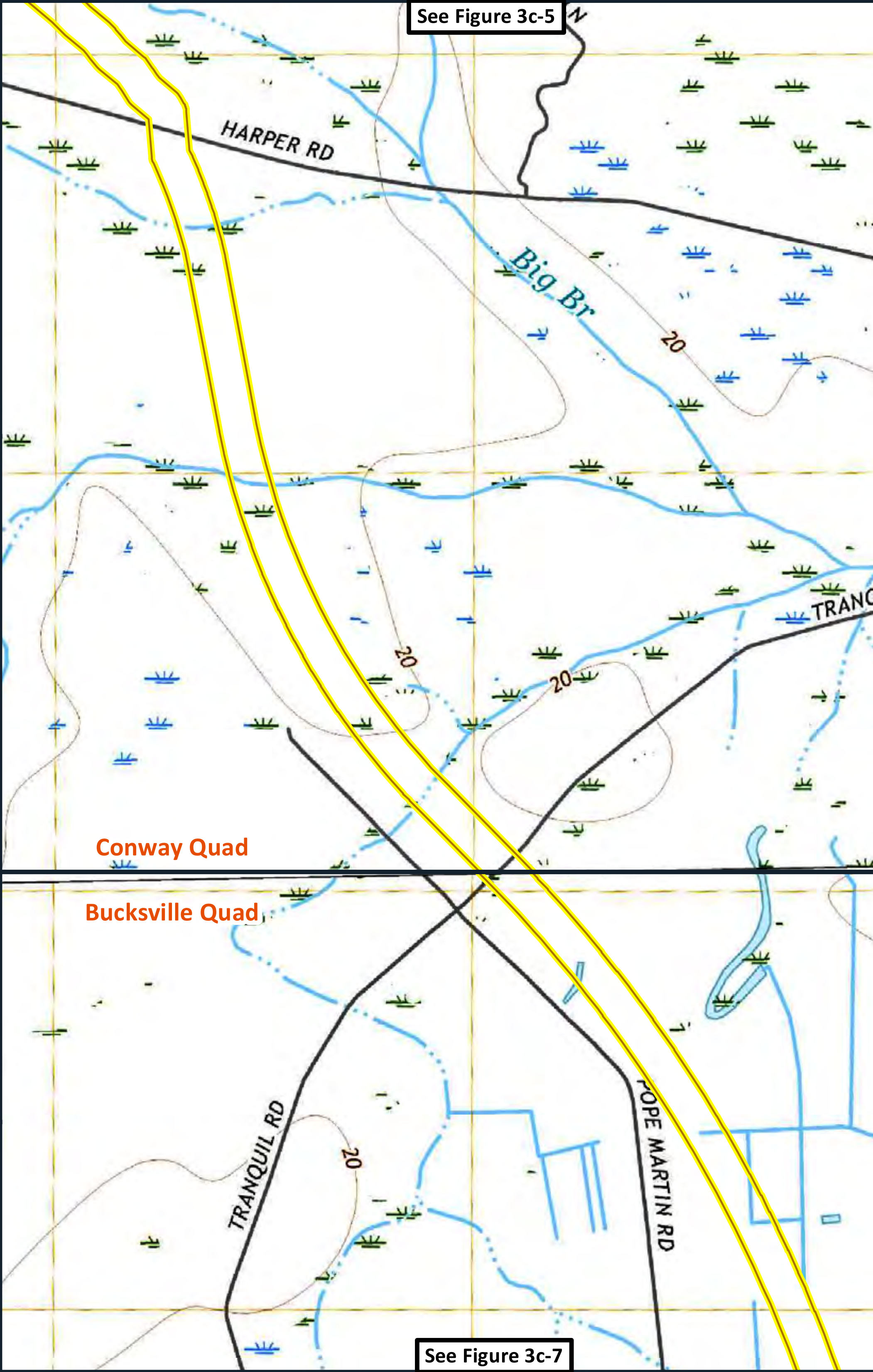
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

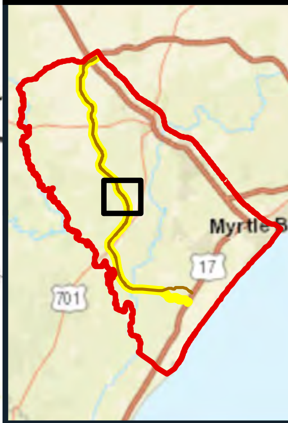
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 3c-5
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

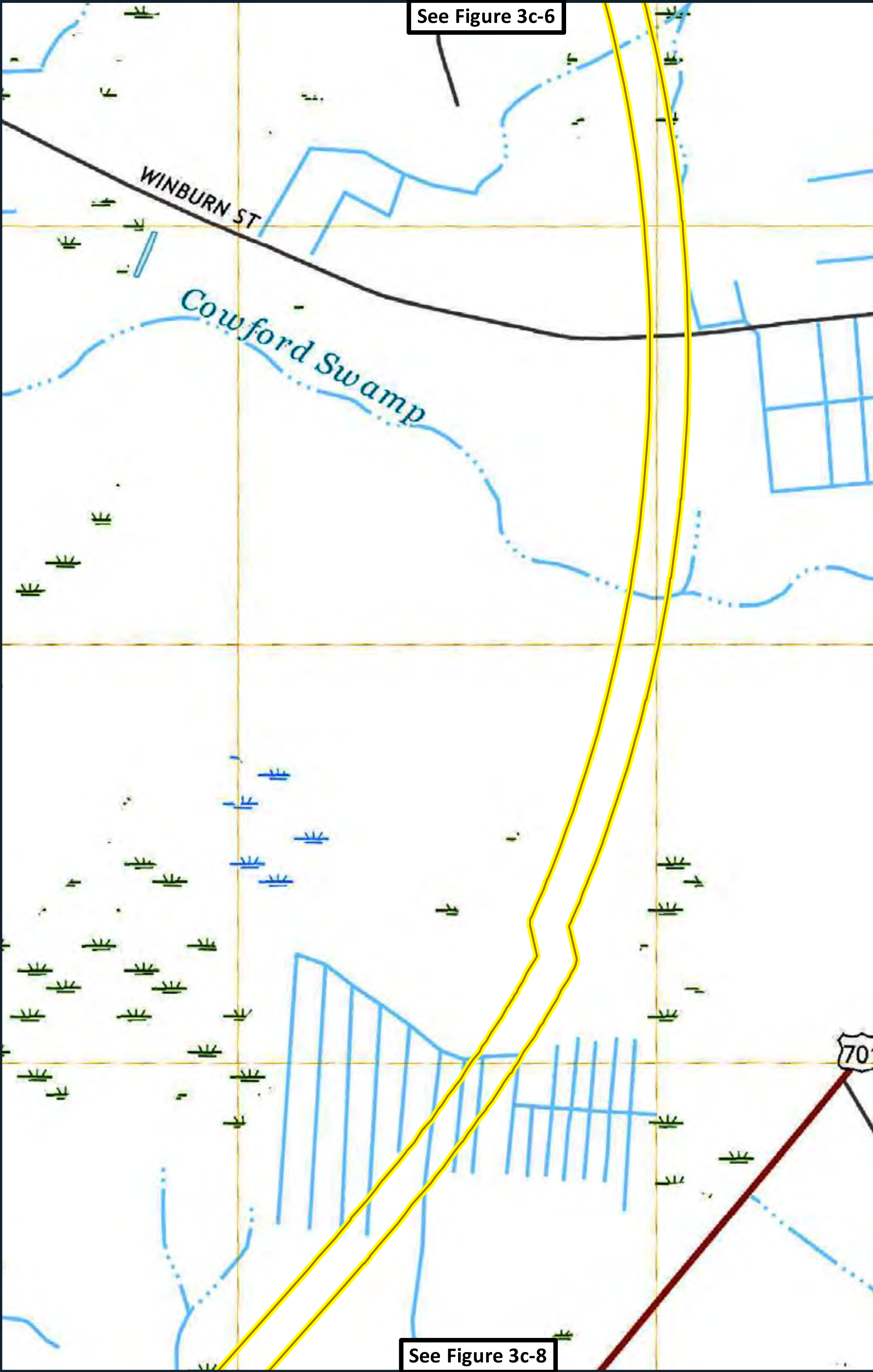
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway & Bucksville, SC (2020)]

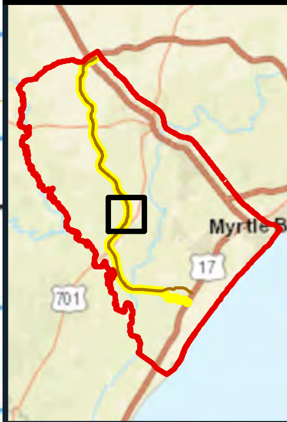
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 3c-6
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Bucksville, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 3c-7
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022

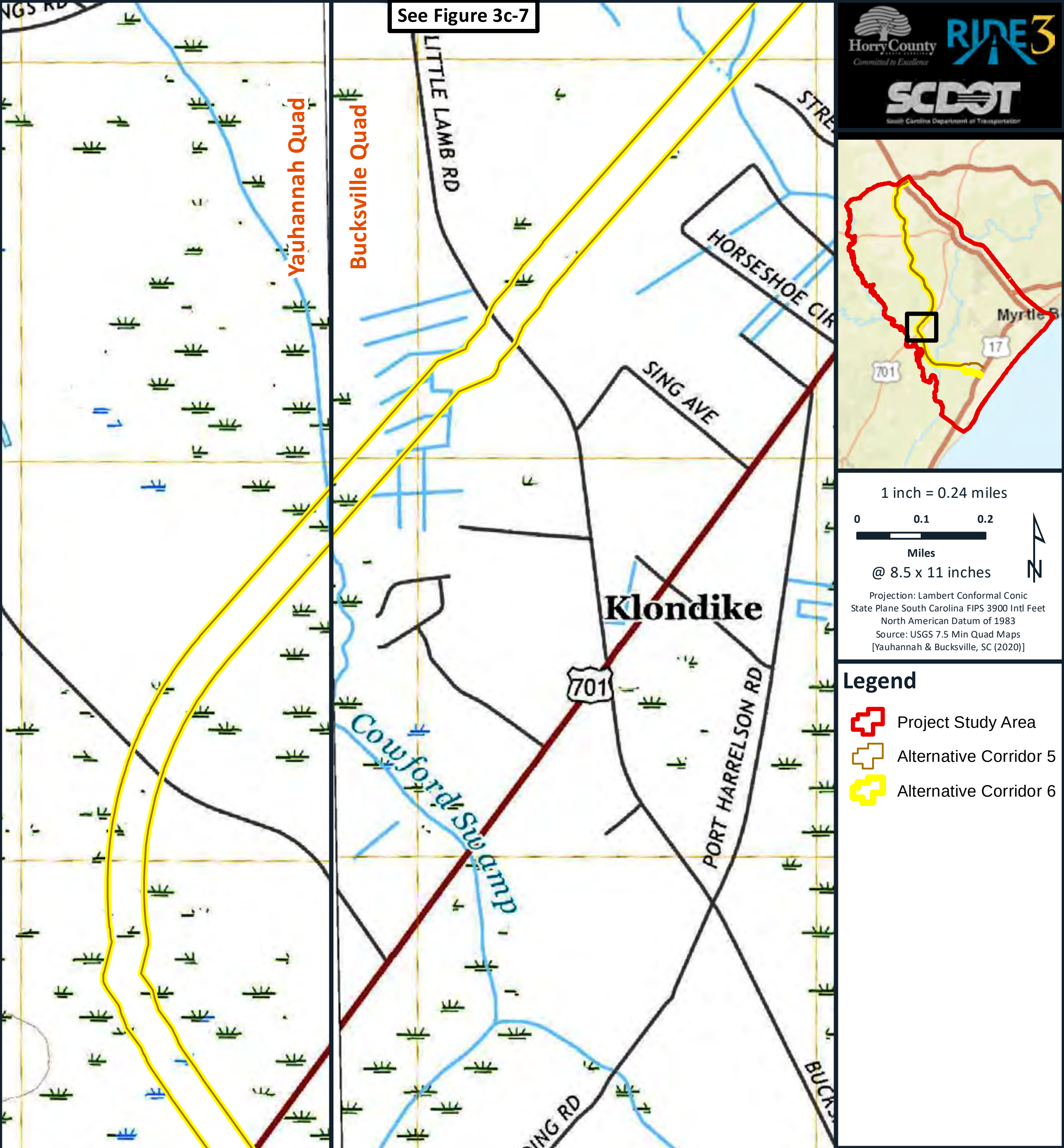
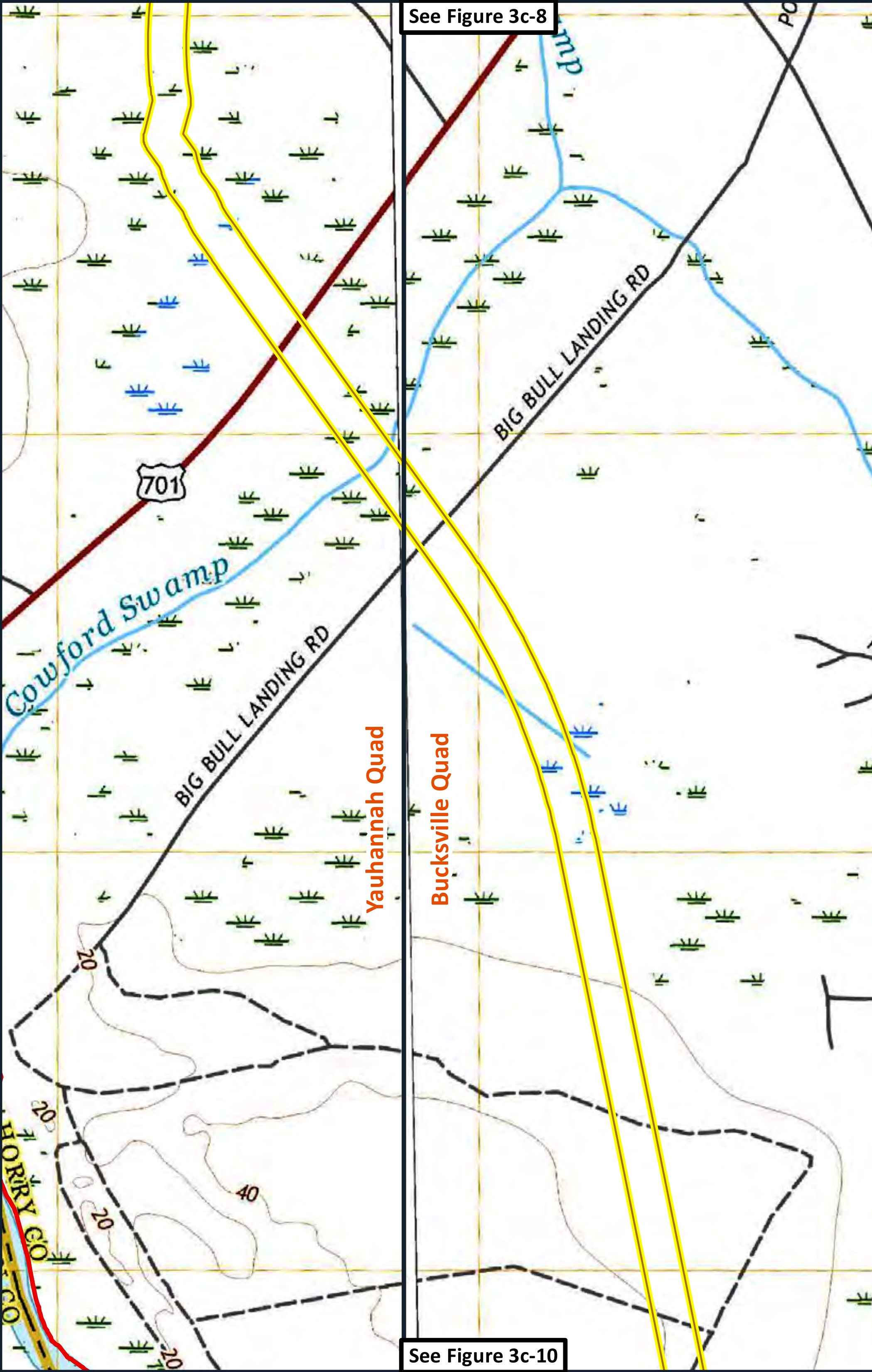
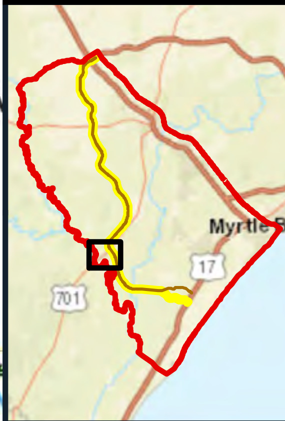


Figure 3c-8
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

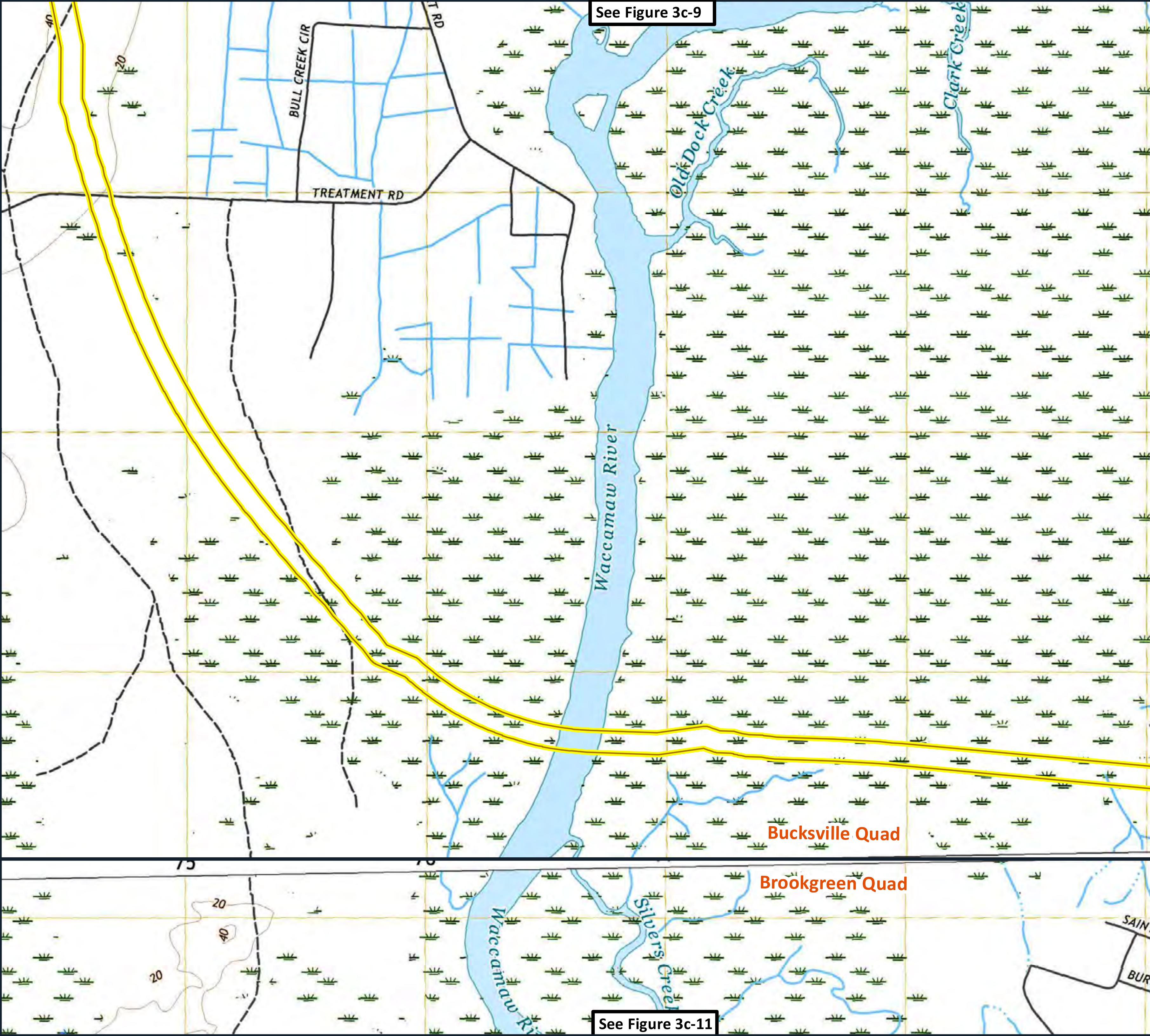
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah & Bucksville, SC (2020)]

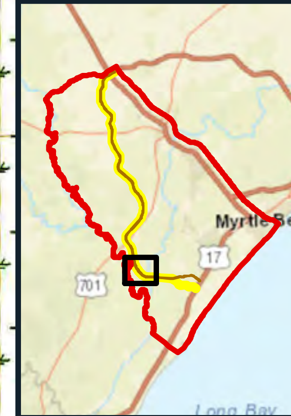
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 3c-9
ALTERNATIVES 5 & 6
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Brookgreen & Bucksville, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 3c-10
ALTERNATIVES 5 & 6 TOPOGRAPHIC MAP

11/2022

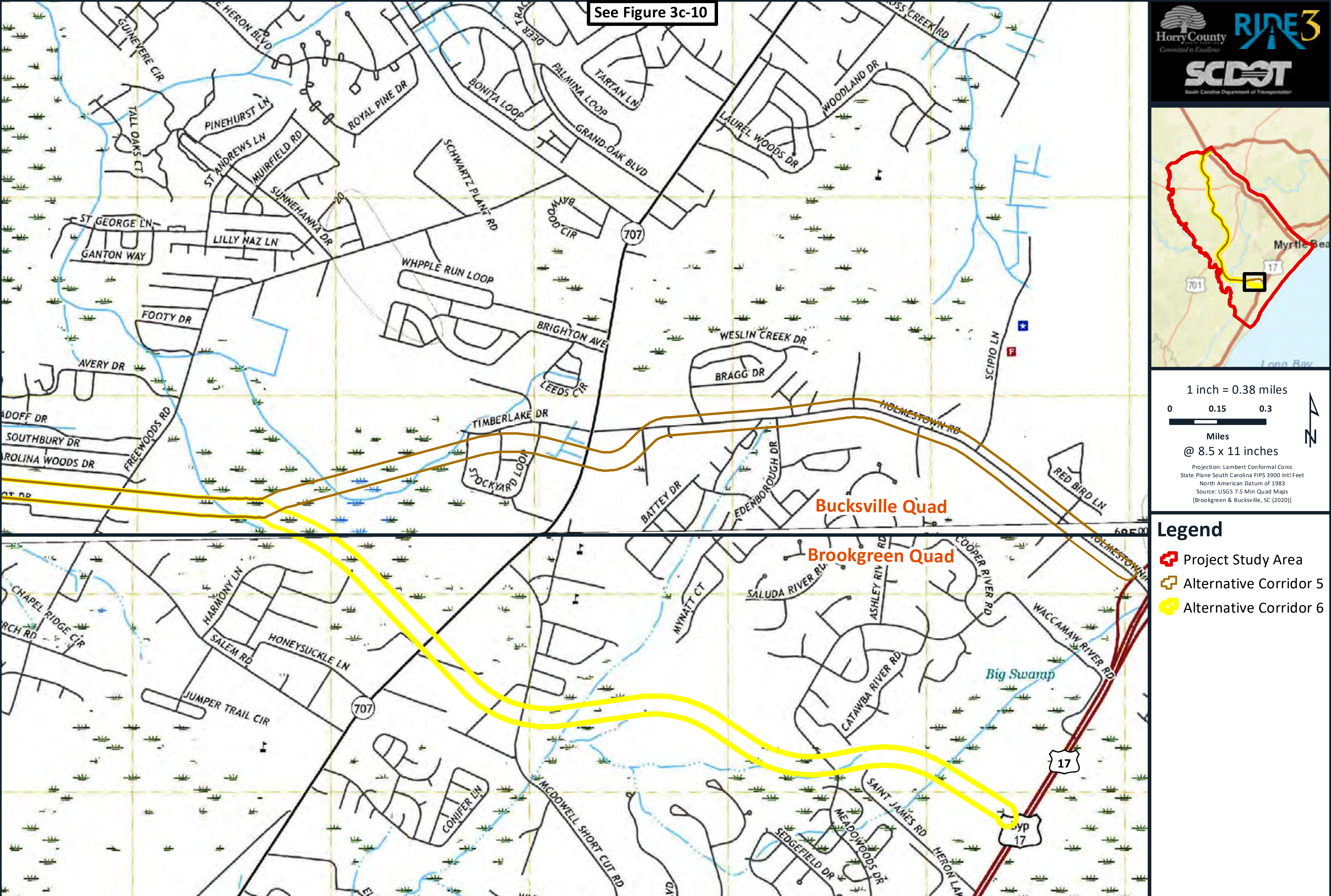
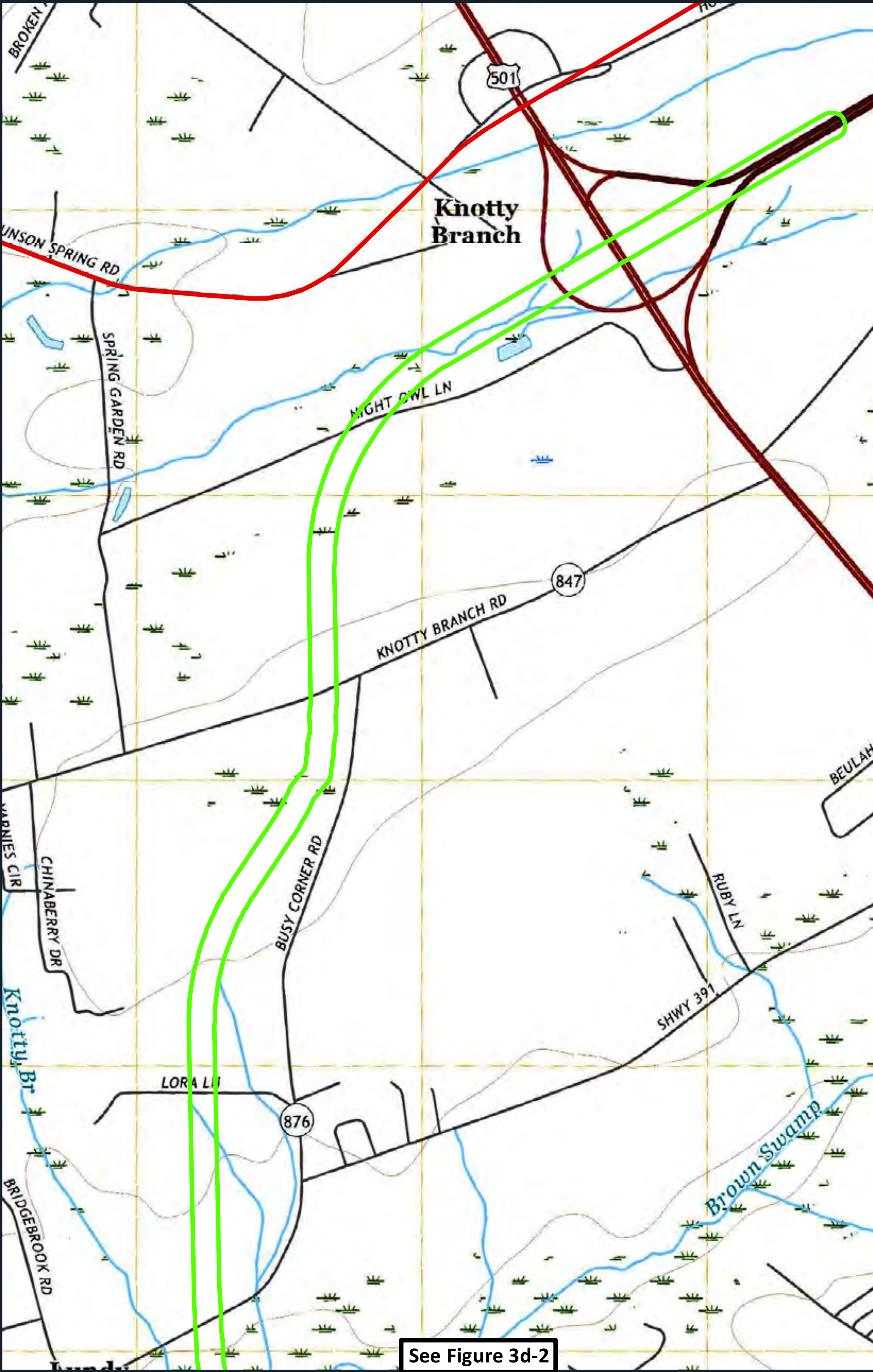
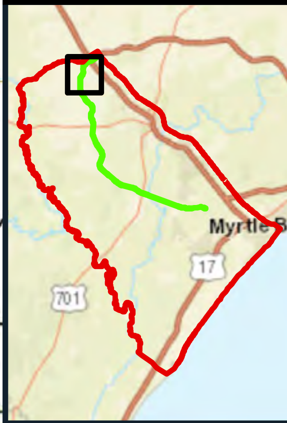


Figure 3c-11
ALTERNATIVES 5 & 6 TOPOGRAPHIC MAP

11/2022



See Figure 3d-2



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

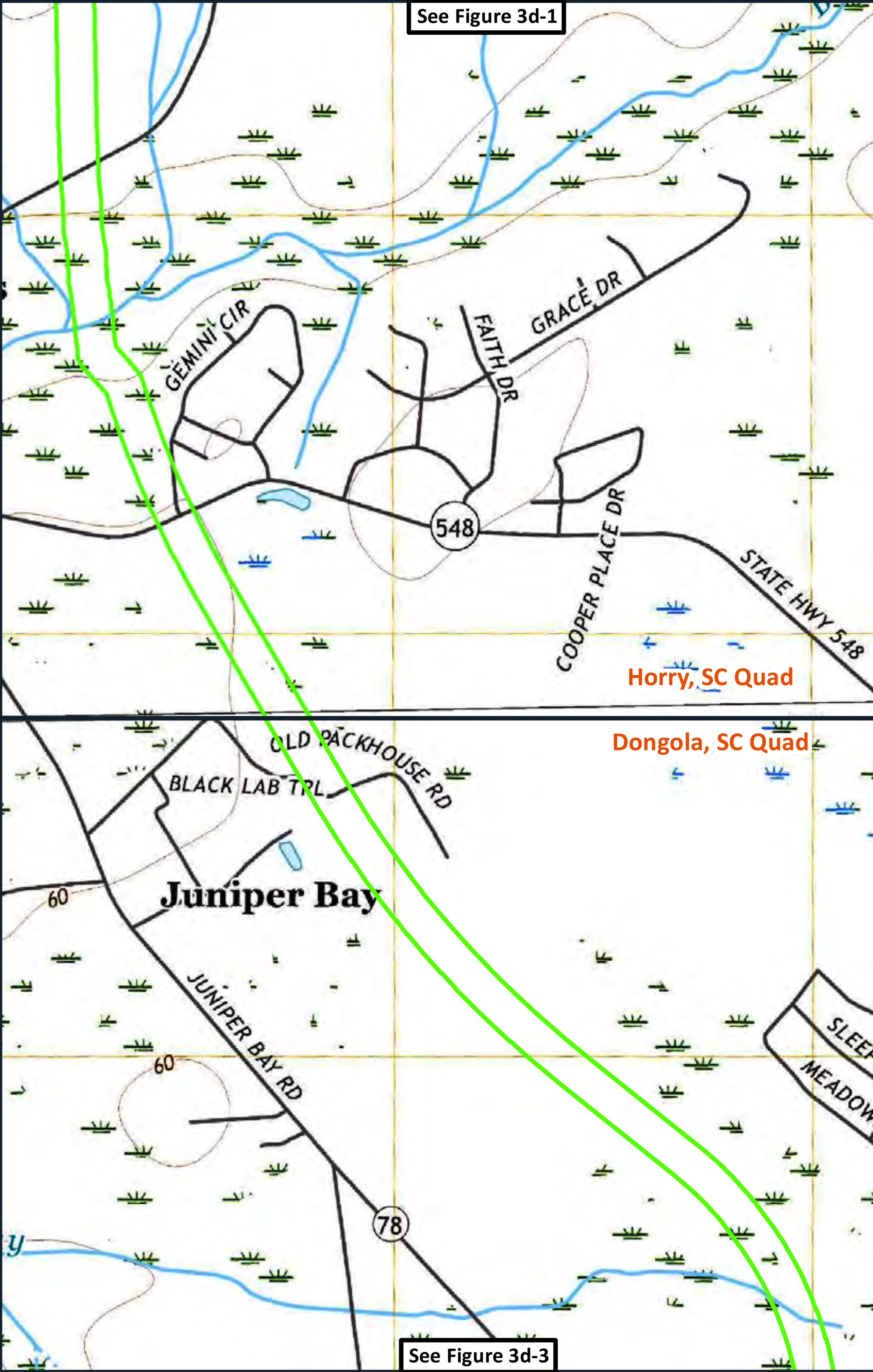
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Map [Horry, SC (2020)]

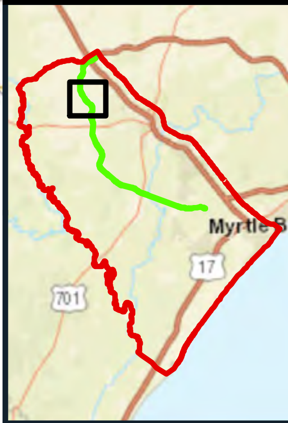
Legend

- Project Study Area
- Alternative Corridor 7

Figure 3d-1
ALTERNATIVE 7
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

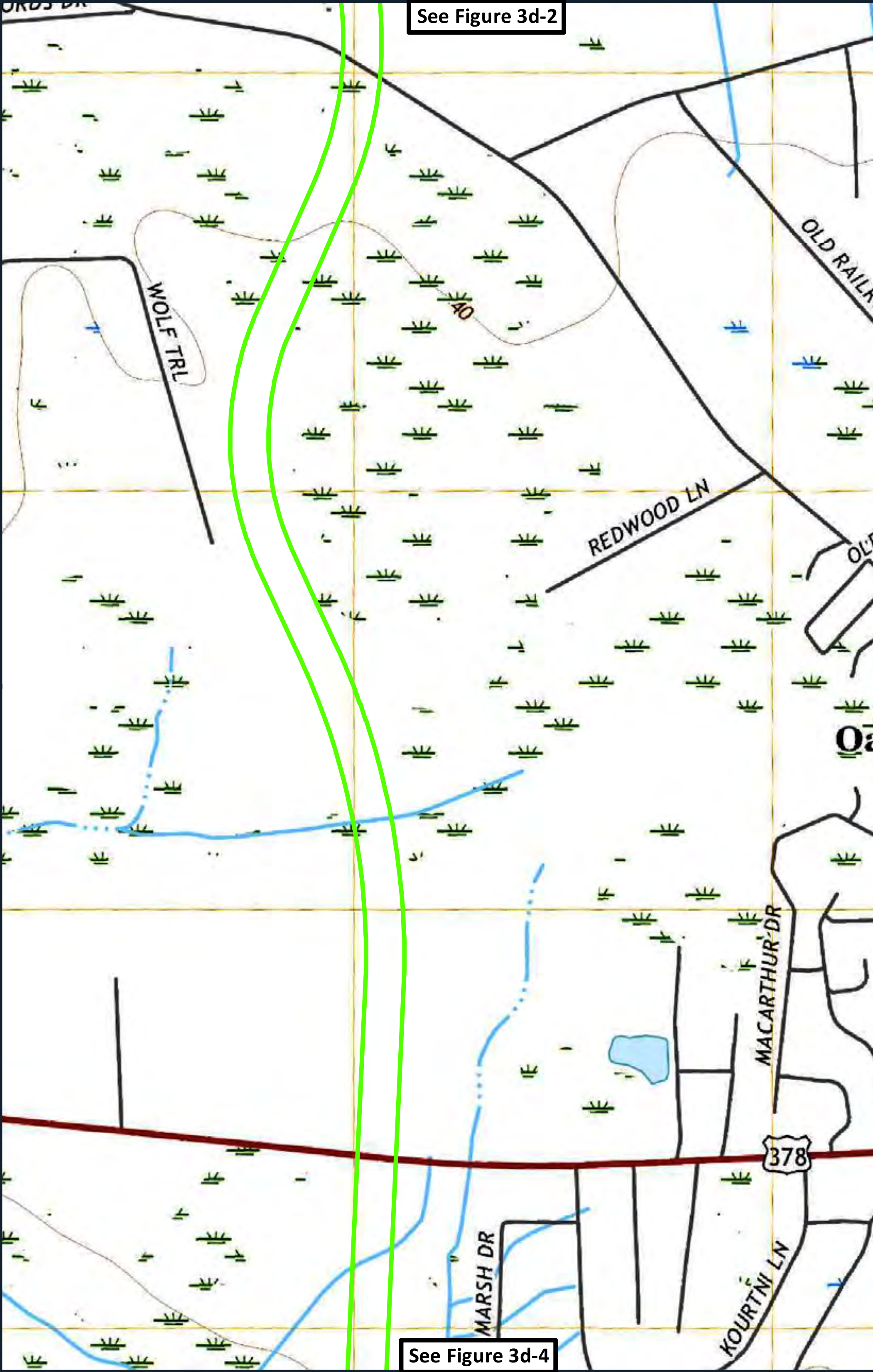
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry & Dongola, SC (2020)]

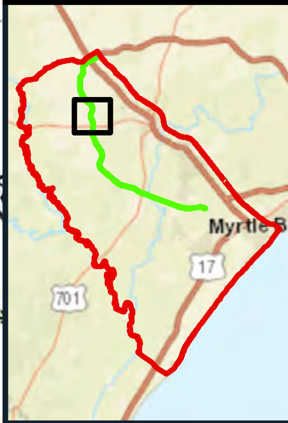
Legend

- Project Study Area
- Alternative Corridor 7

Figure 3d-2
ALTERNATIVE 7
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles

@ 8.5 x 11 inches

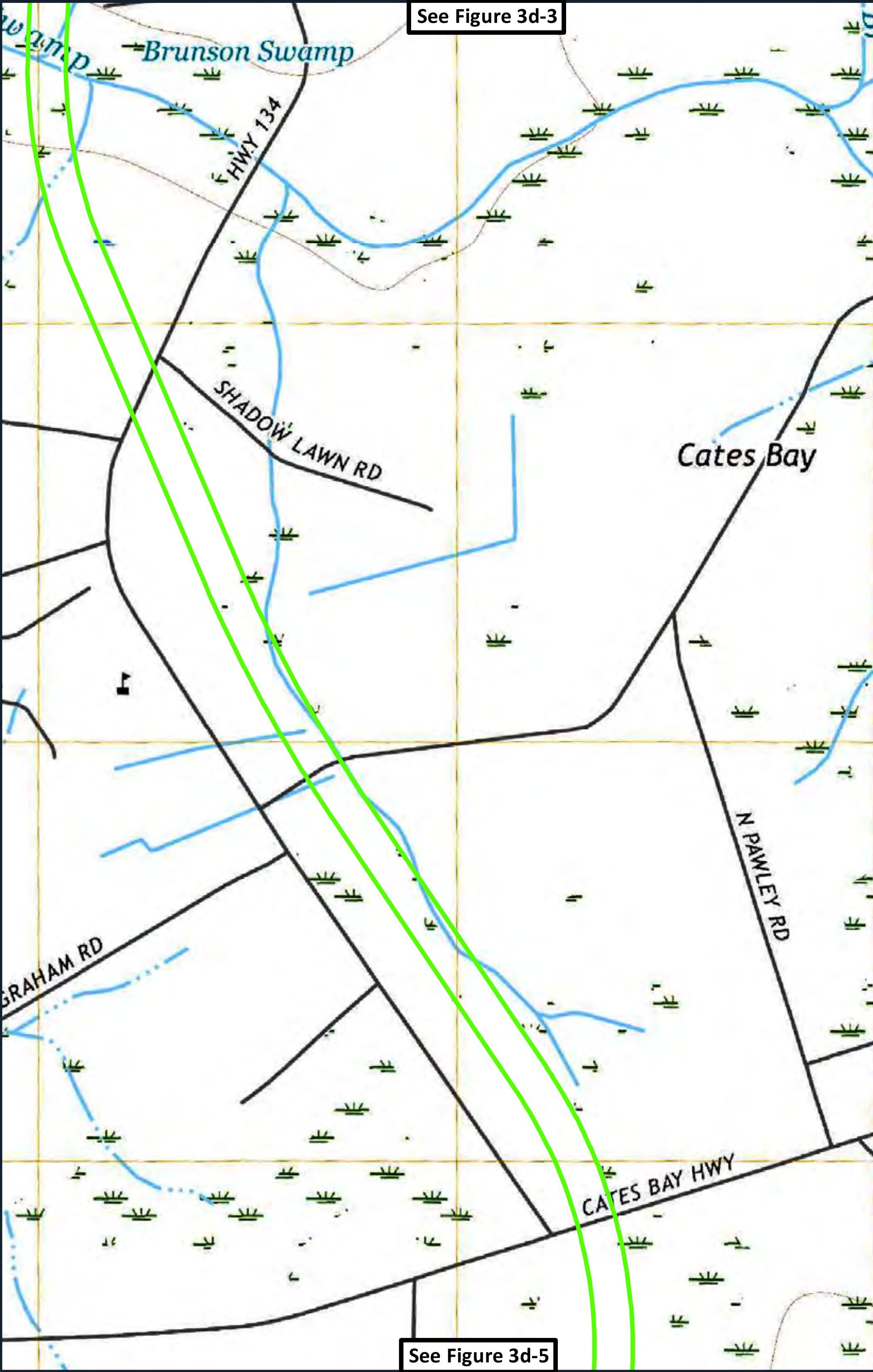
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

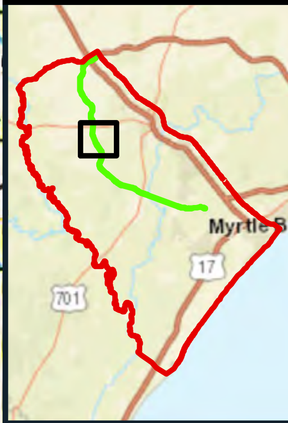
Legend

Project Study Area
Alternative Corridor 7

Figure 3d-3
ALTERNATIVE 7
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

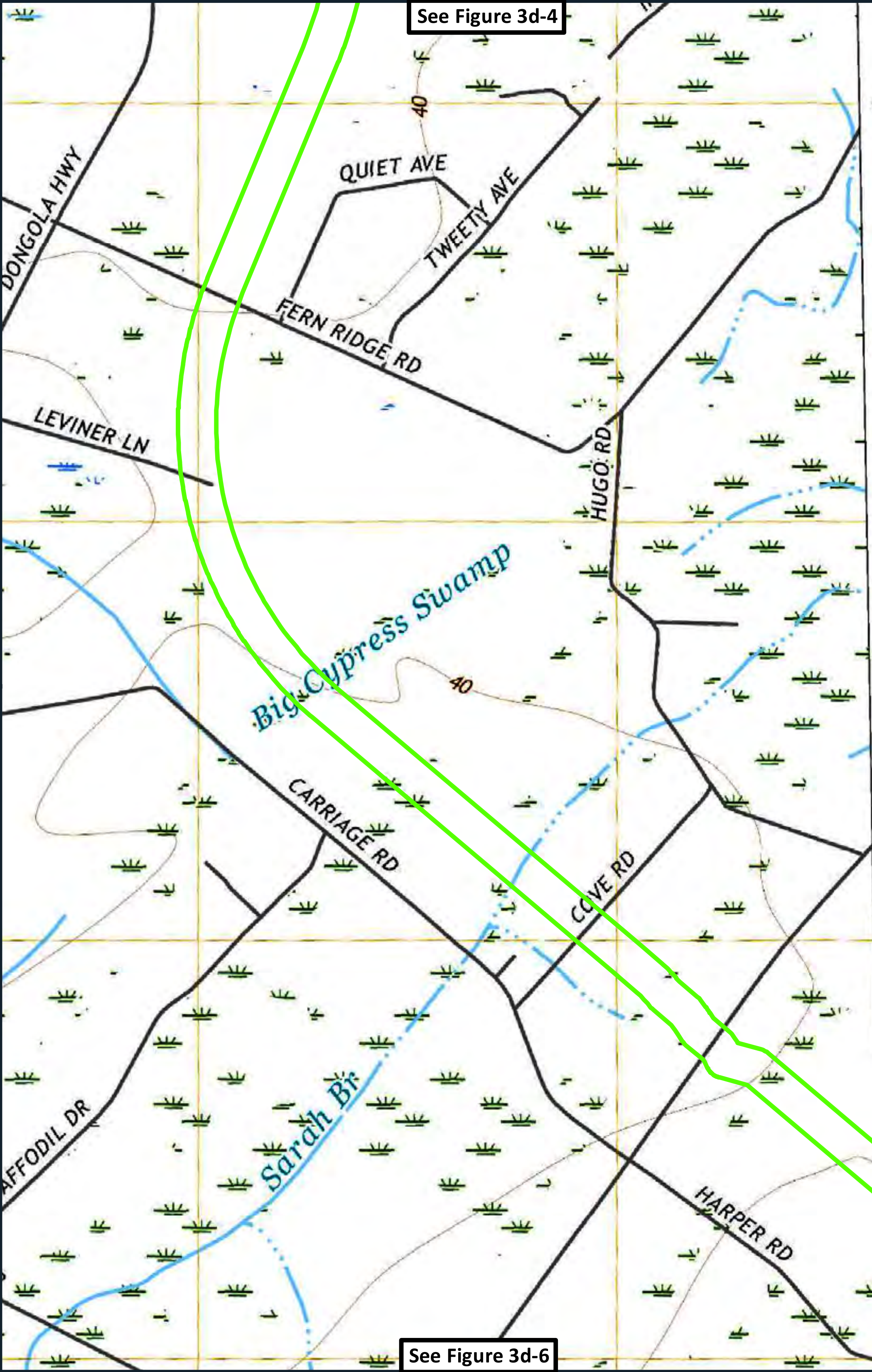
Legend

- Project Study Area
- Alternative Corridor 7

Figure 3d-4
ALTERNATIVE 7
TOPOGRAPHIC MAP

11/2022

See Figure 3d-4



See Figure 3d-6

Horry County Committed to Excellence
RIDE3
SCDOT South Carolina Department of Transportation

1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Dongola, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 7

Figure 3d-5
ALTERNATIVE 7
TOPOGRAPHIC MAP

11/2022

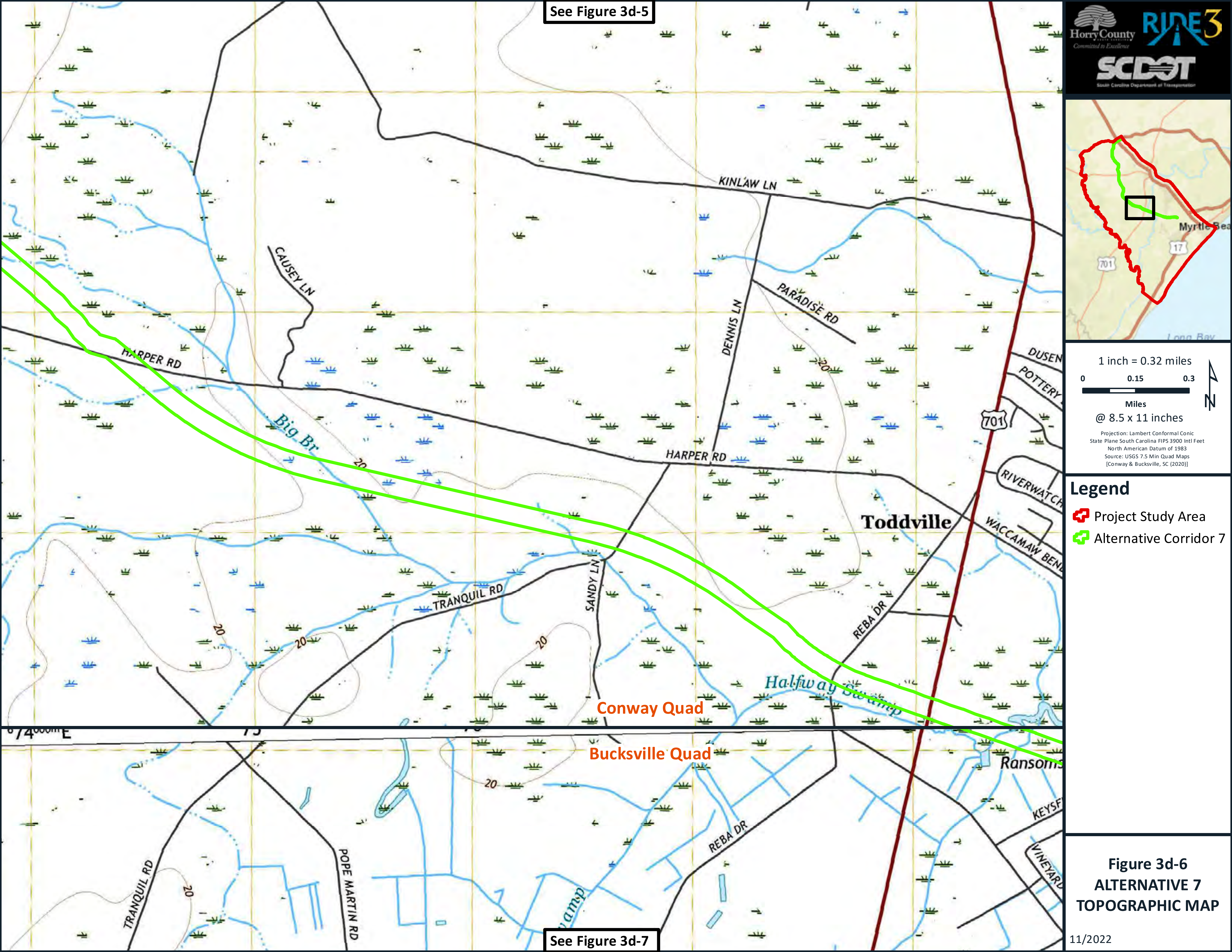
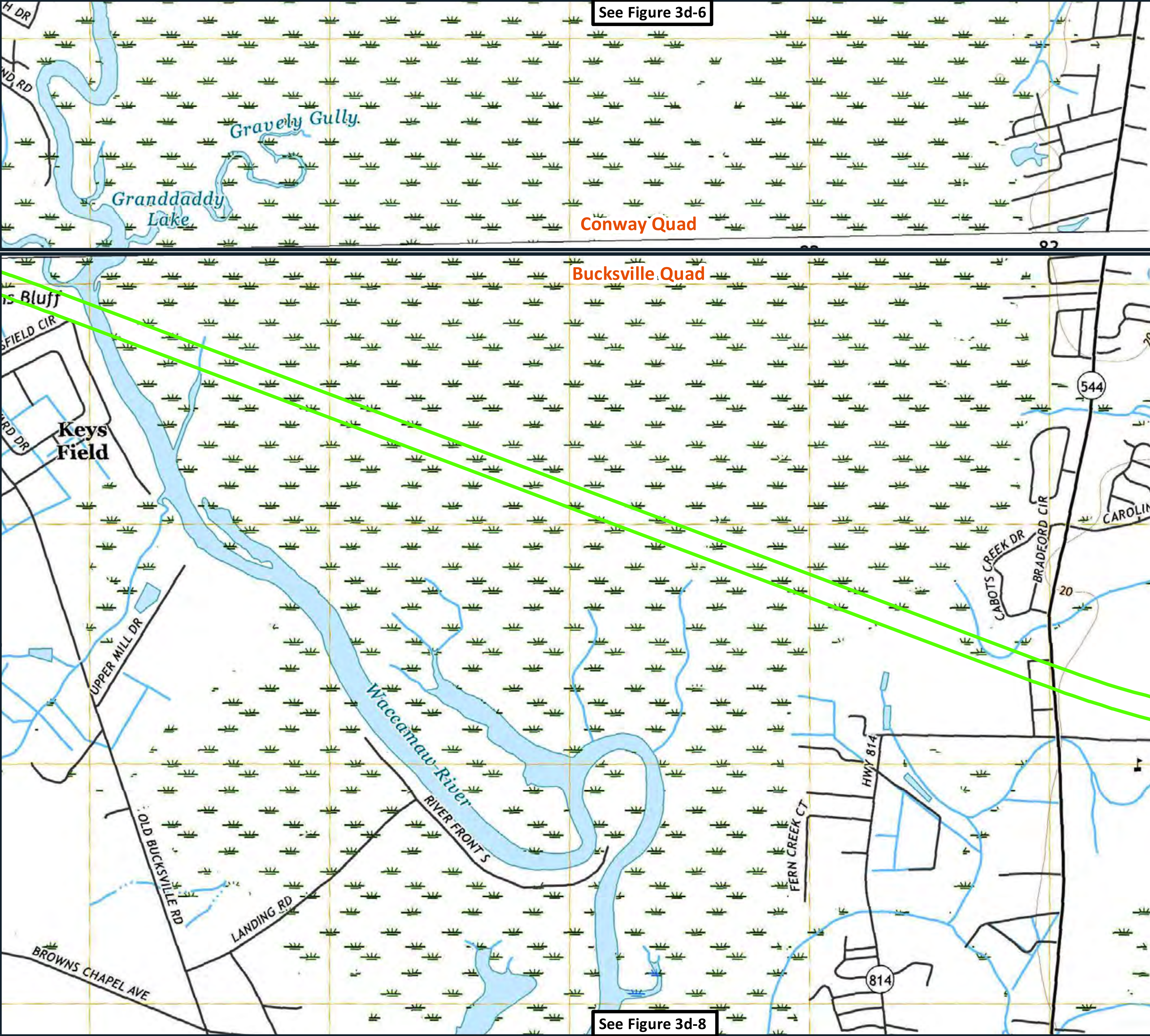


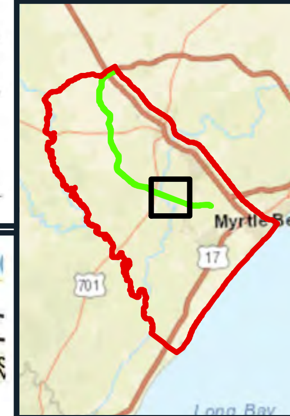
Figure 3d-6
ALTERNATIVE 7
TOPOGRAPHIC MAP



Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

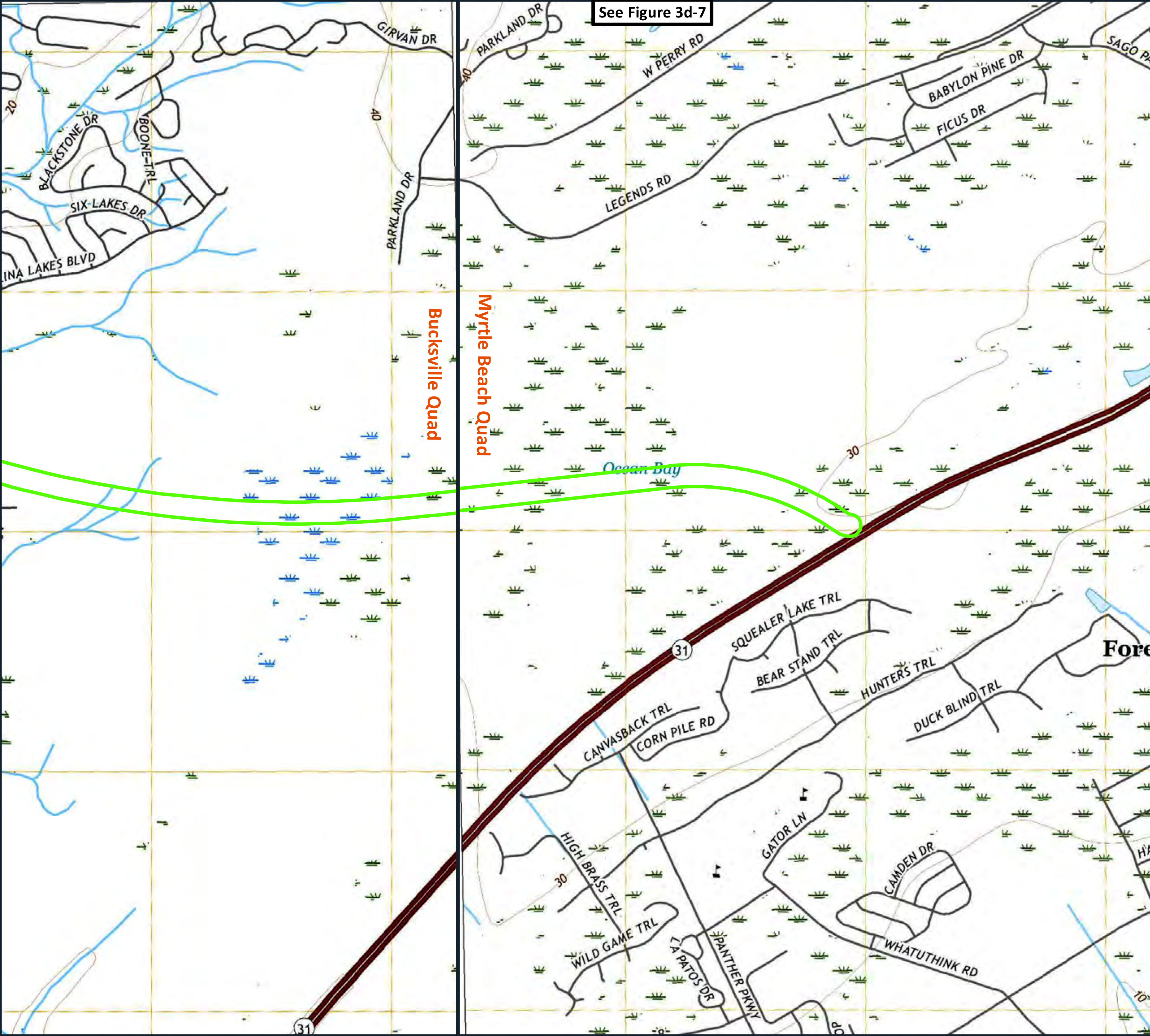
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
(Conway & Bucksville, SC (2020))

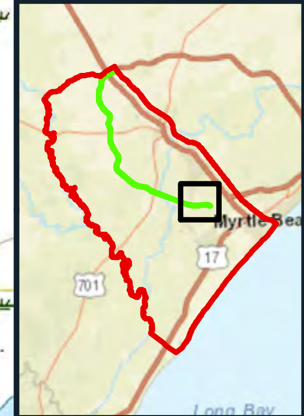
Legend

- Project Study Area
- Alternative Corridor 7

Figure 3d-7
ALTERNATIVE 7
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

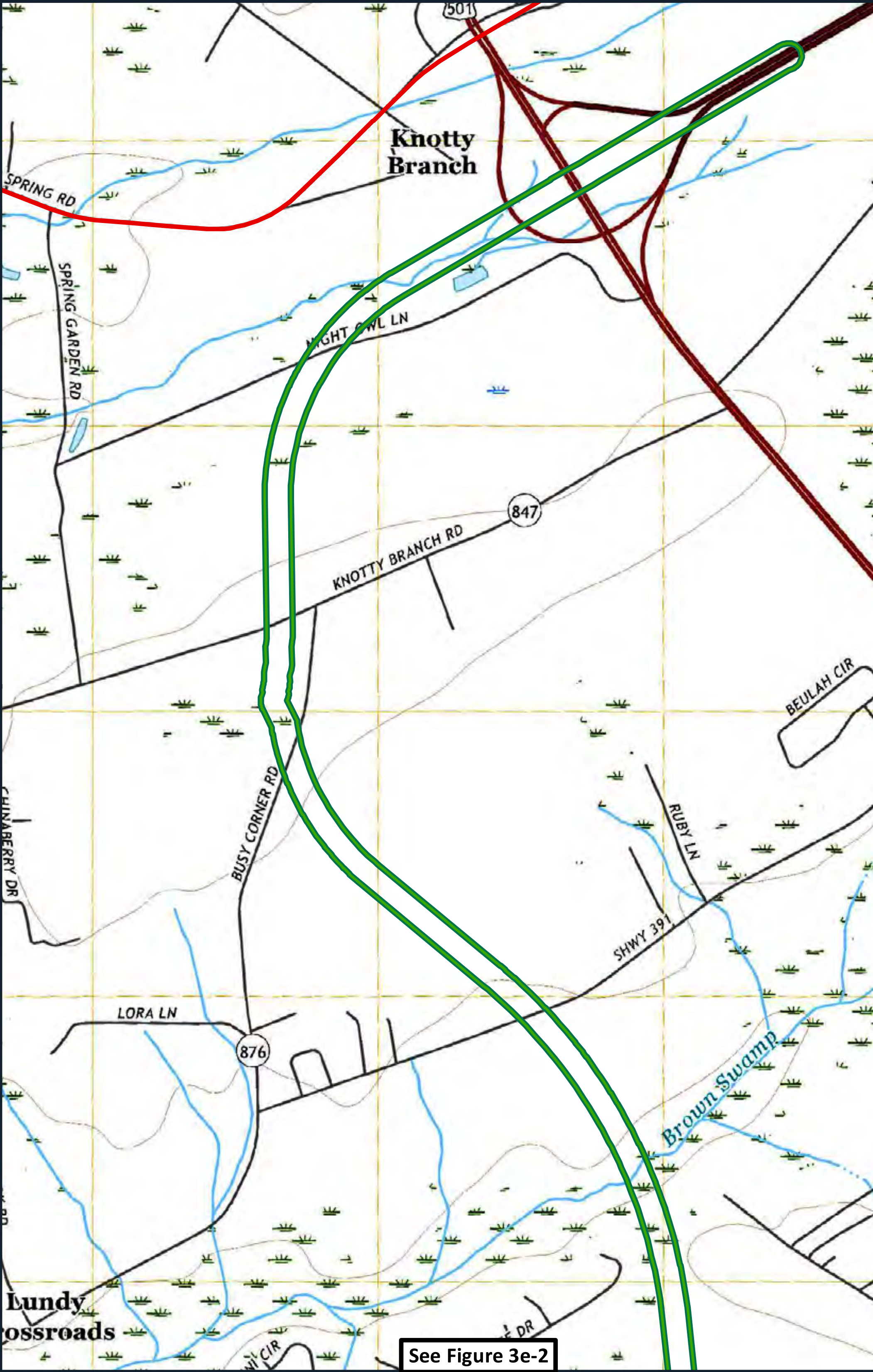
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Myrtle Beach & Bucksville, SC (2020)]

Legend

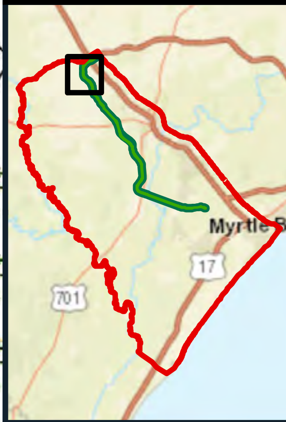
- Project Study Area
- Alternative Corridor 7

Figure 3d-8
ALTERNATIVE 7
TOPOGRAPHIC MAP

11/2022



See Figure 3e-2



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry, SC (2020)]

Legend

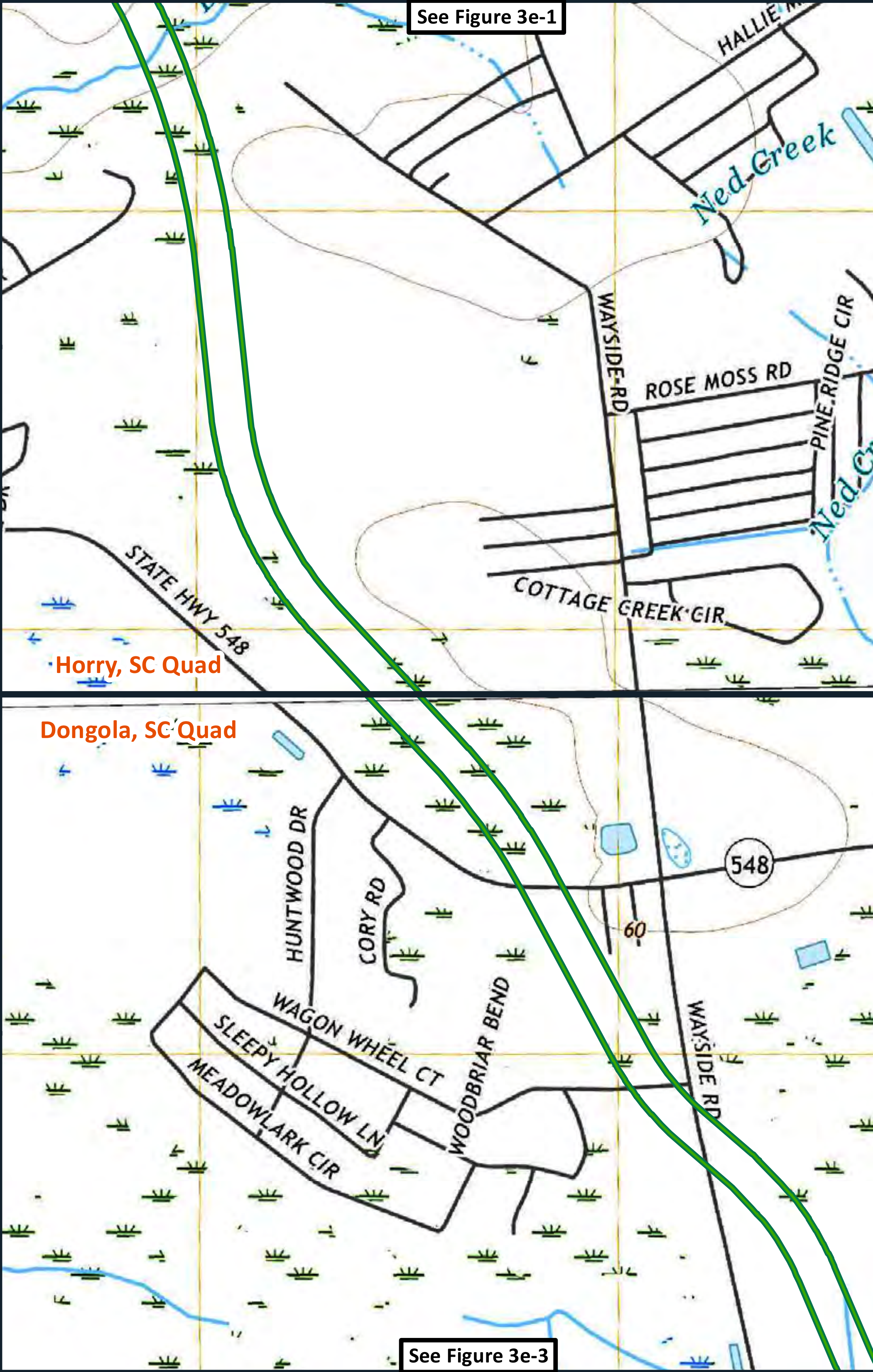
Project Study Area

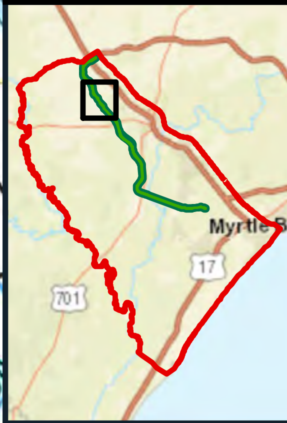
Alternative Corridor 8

Alternative Corridor 9

Figure 3e-1
ALTERNATIVES 8 & 9
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

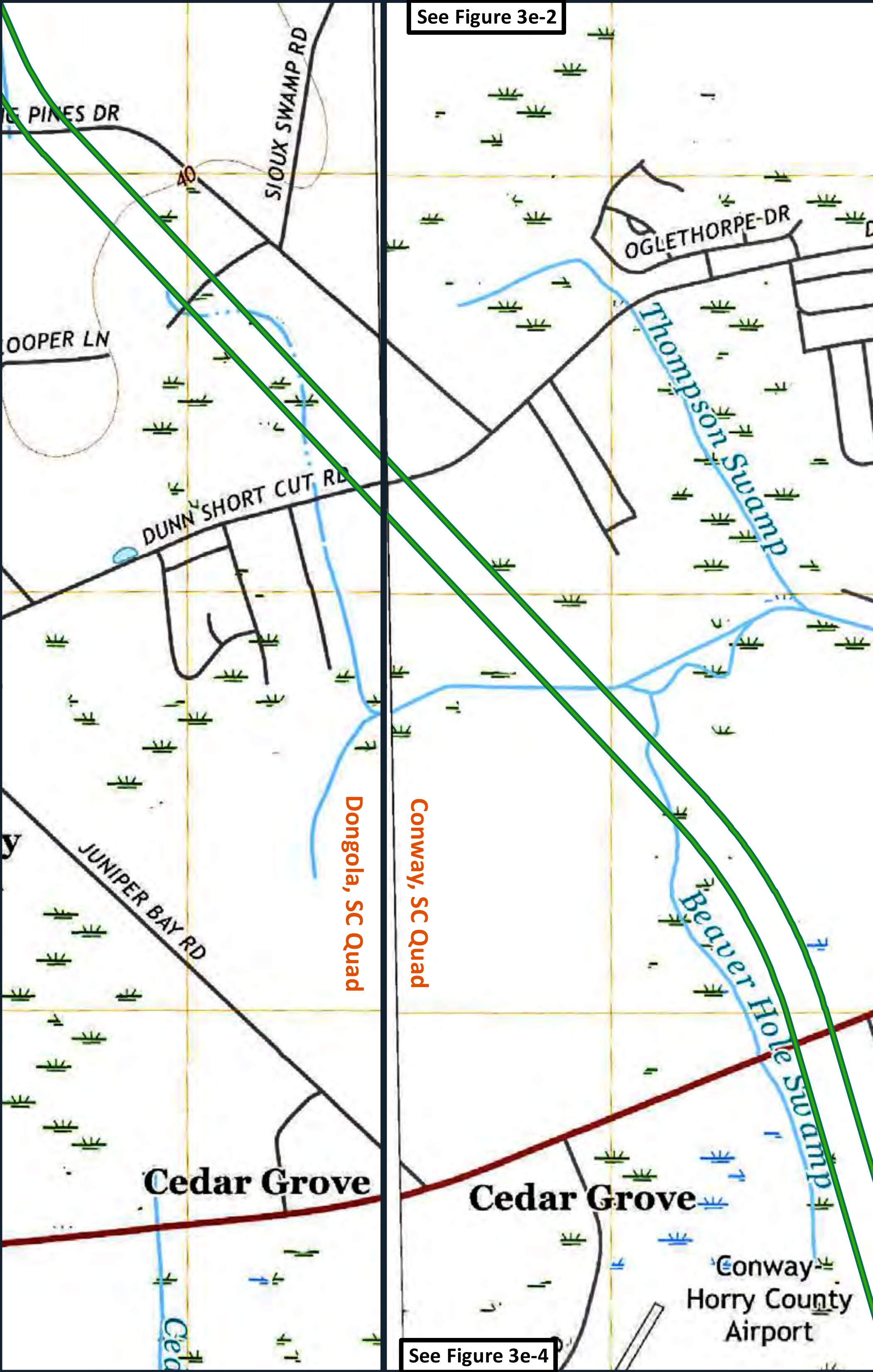
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry & Dongola, SC (2020)]

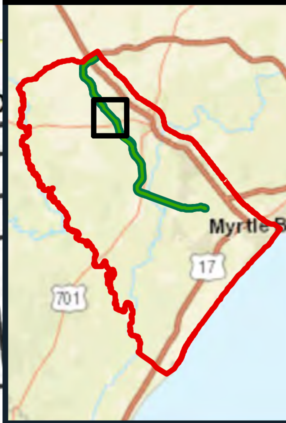
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 3e-2
ALTERNATIVES 8 & 9
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

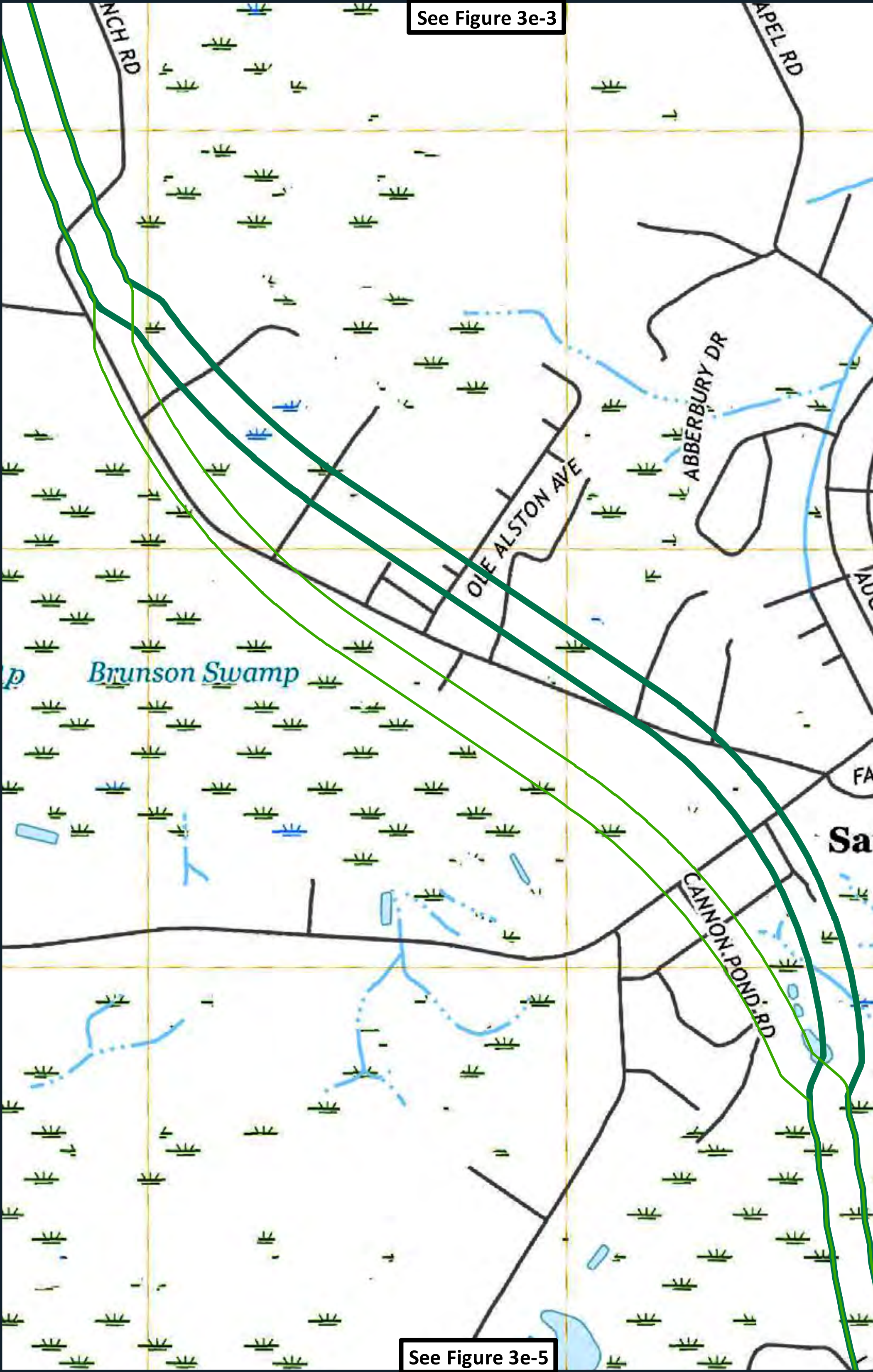
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway & Dongola, SC (2020)]

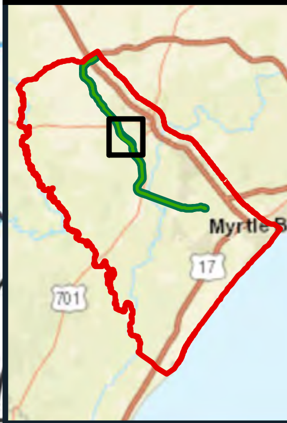
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 3e-3
ALTERNATIVES 8 & 9
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles

@ 8.5 x 11 inches

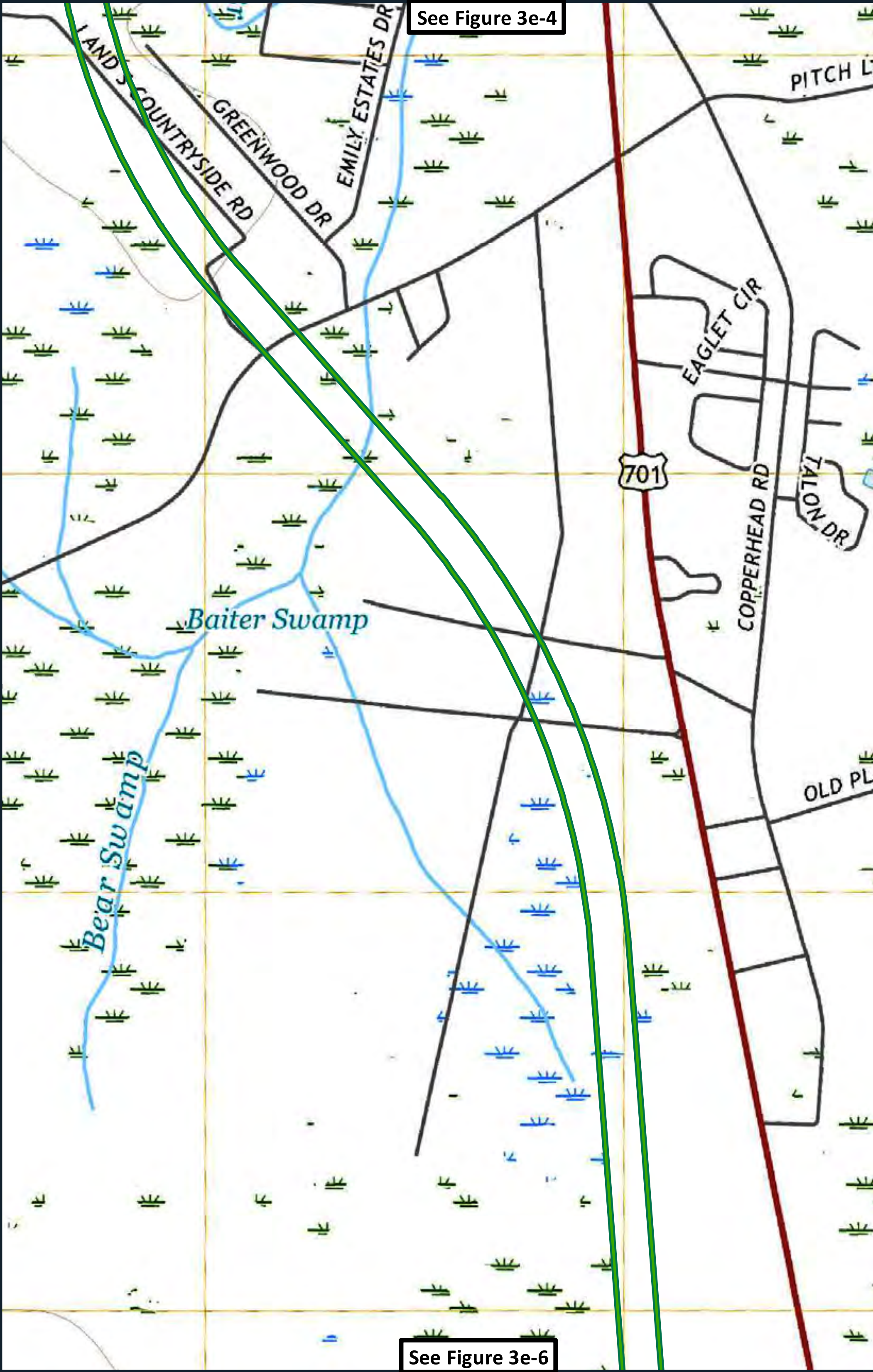
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

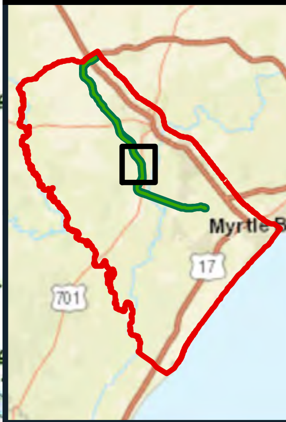
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 3e-4
ALTERNATIVES 8 & 9
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

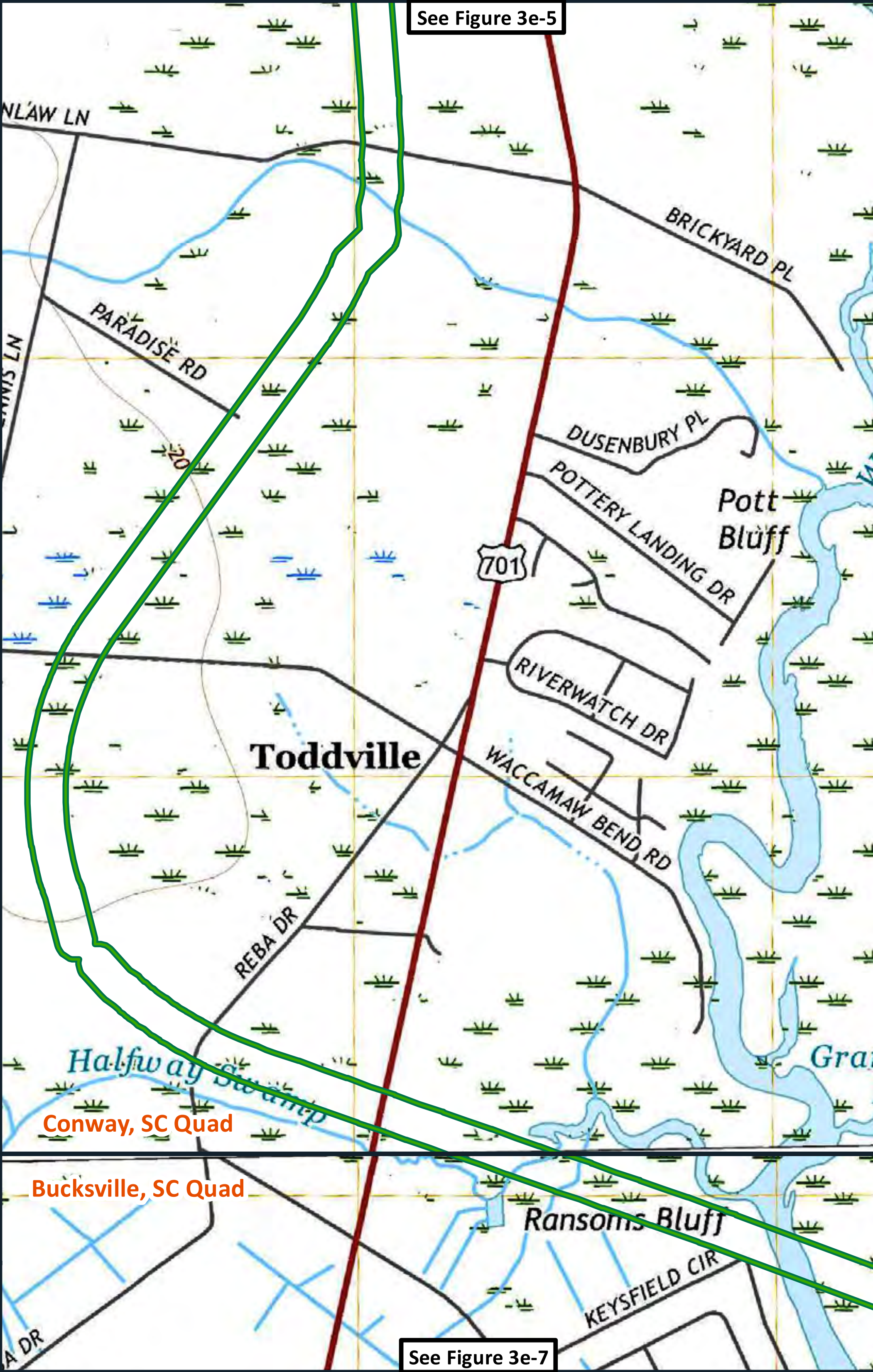
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

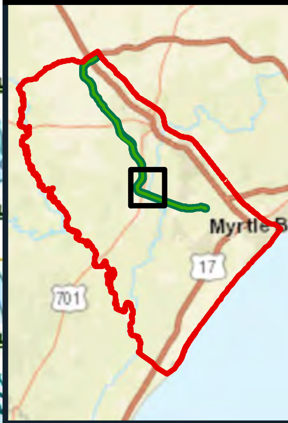
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 3e-5
ALTERNATIVES 8 & 9
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

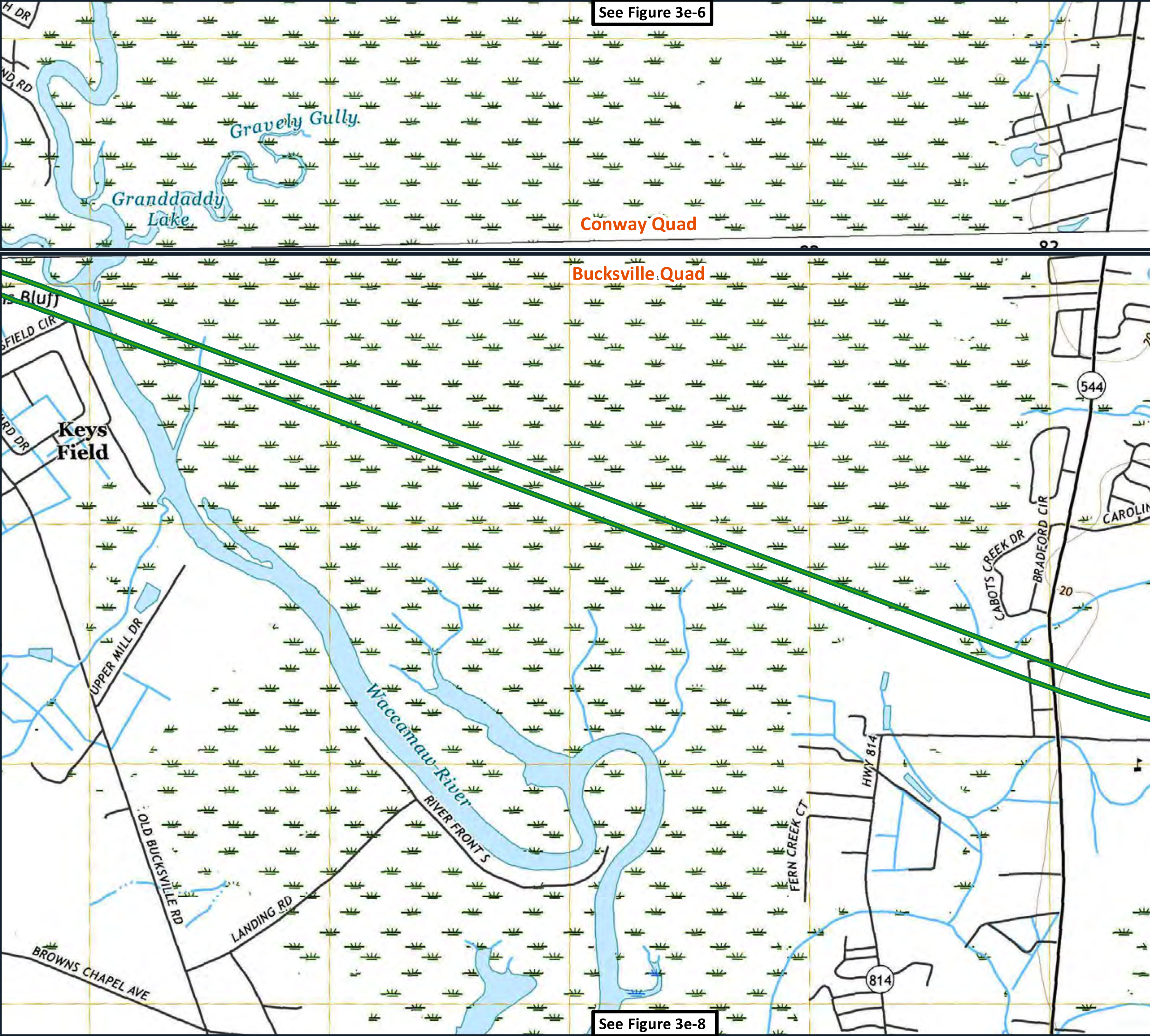
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway & Bucksville, SC (2020)]

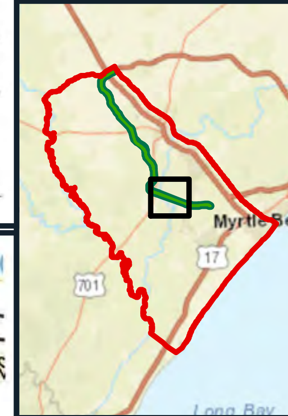
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 3e-6
ALTERNATIVES 8 & 9
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

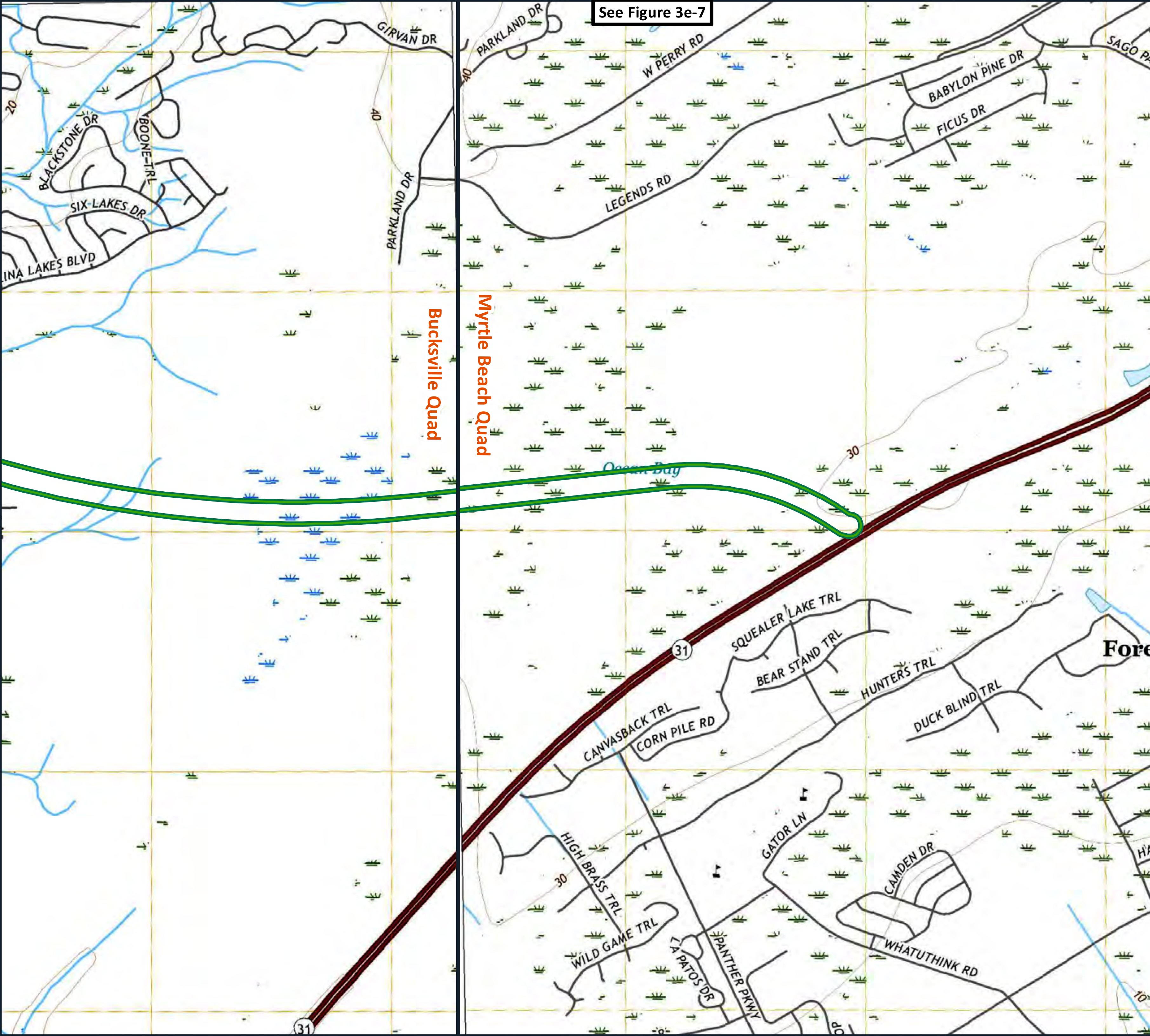
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
(Conway & Bucksville, SC (2020))

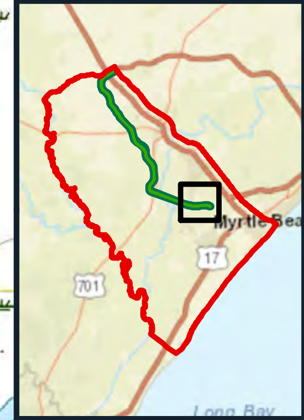
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 3e-7
ALTERNATIVES 8 & 9 TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

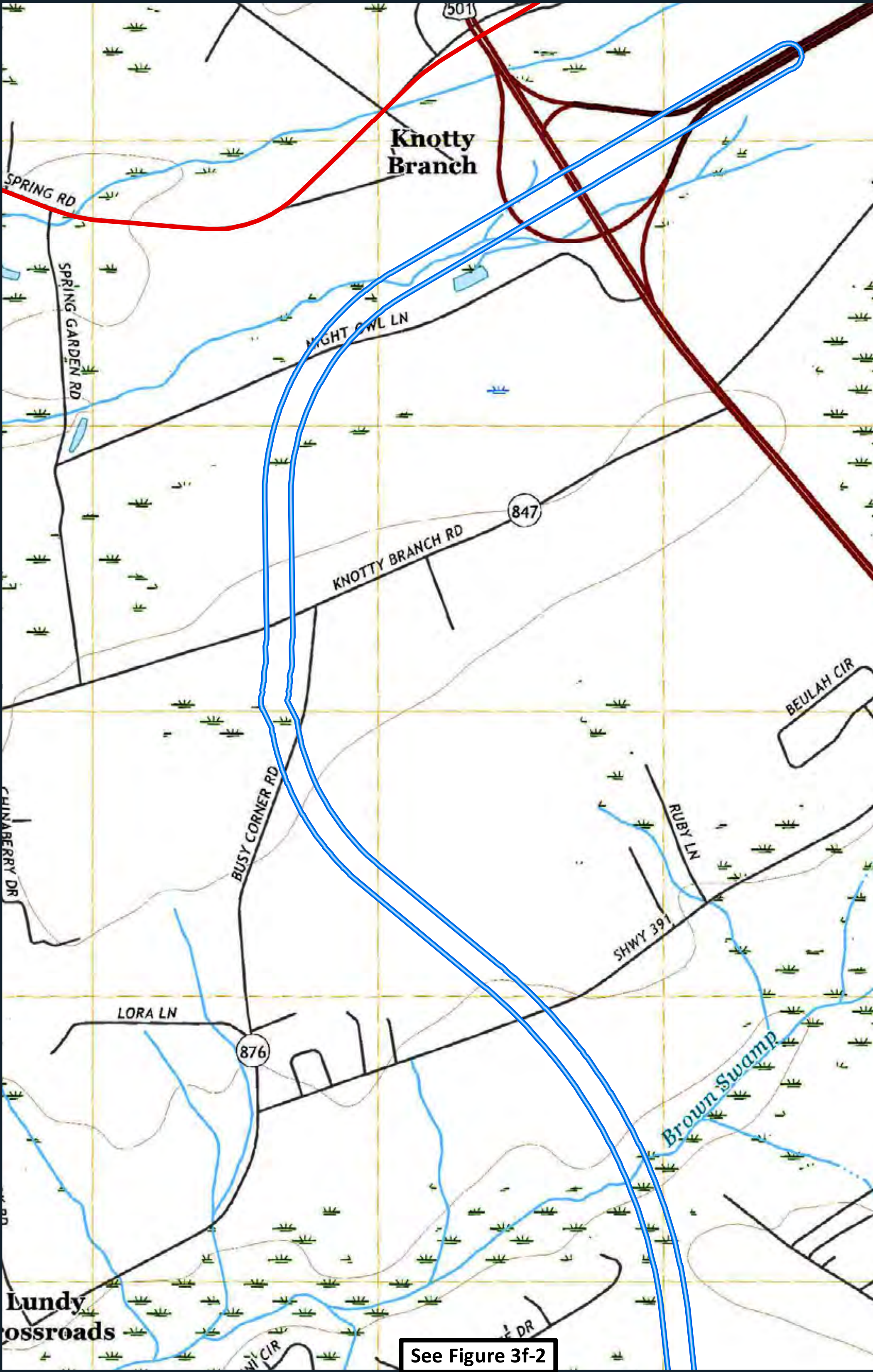
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Myrtle Beach & Bucksville, SC (2020)]

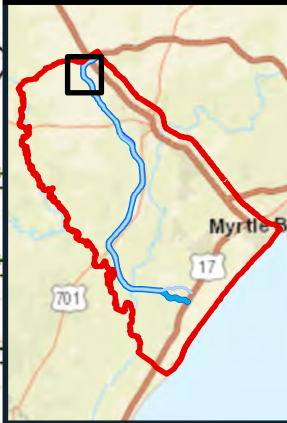
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 3e-8
ALTERNATIVES 8 & 9
TOPOGRAPHIC MAP

11/2022





1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

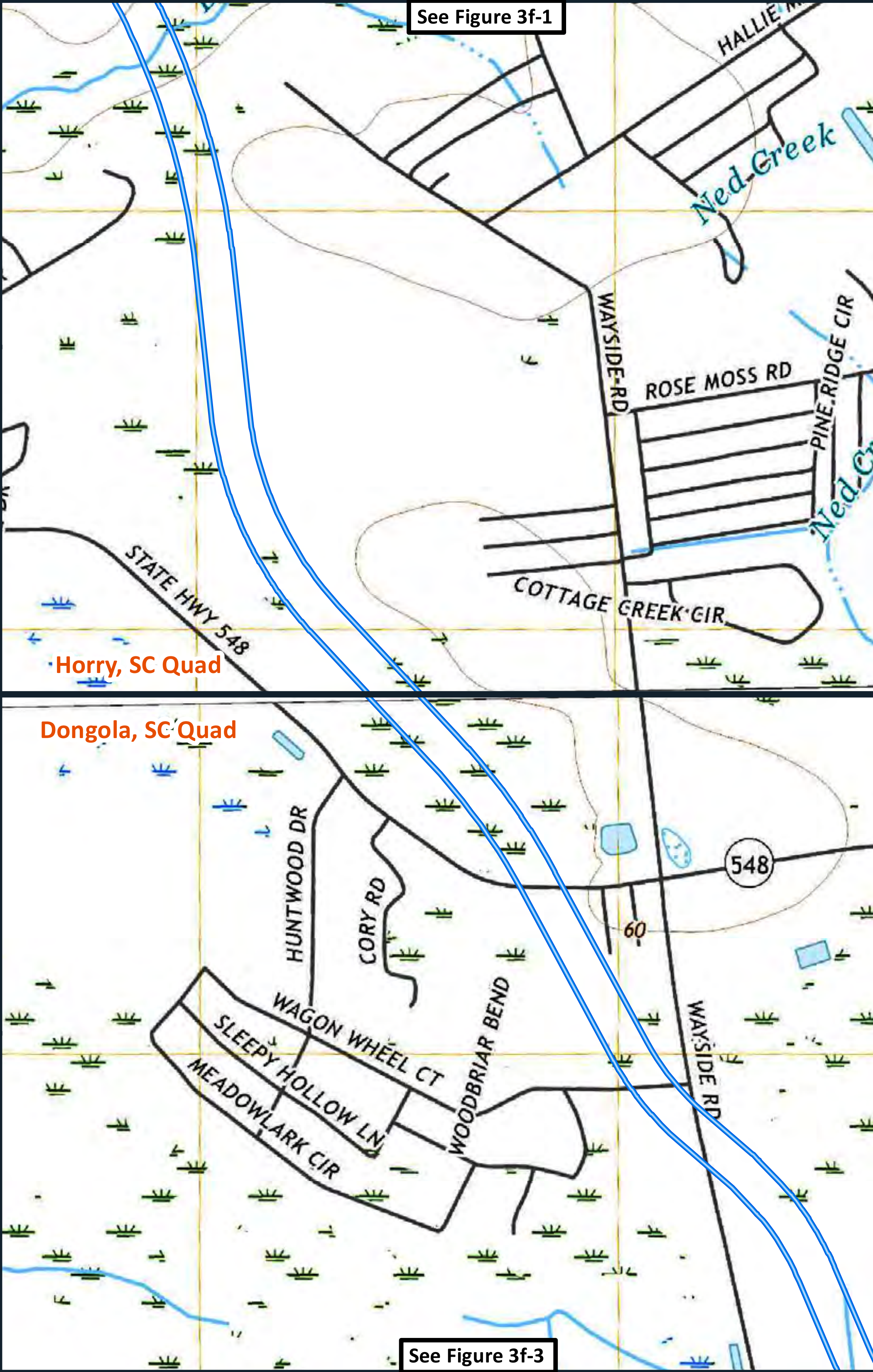
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-1
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

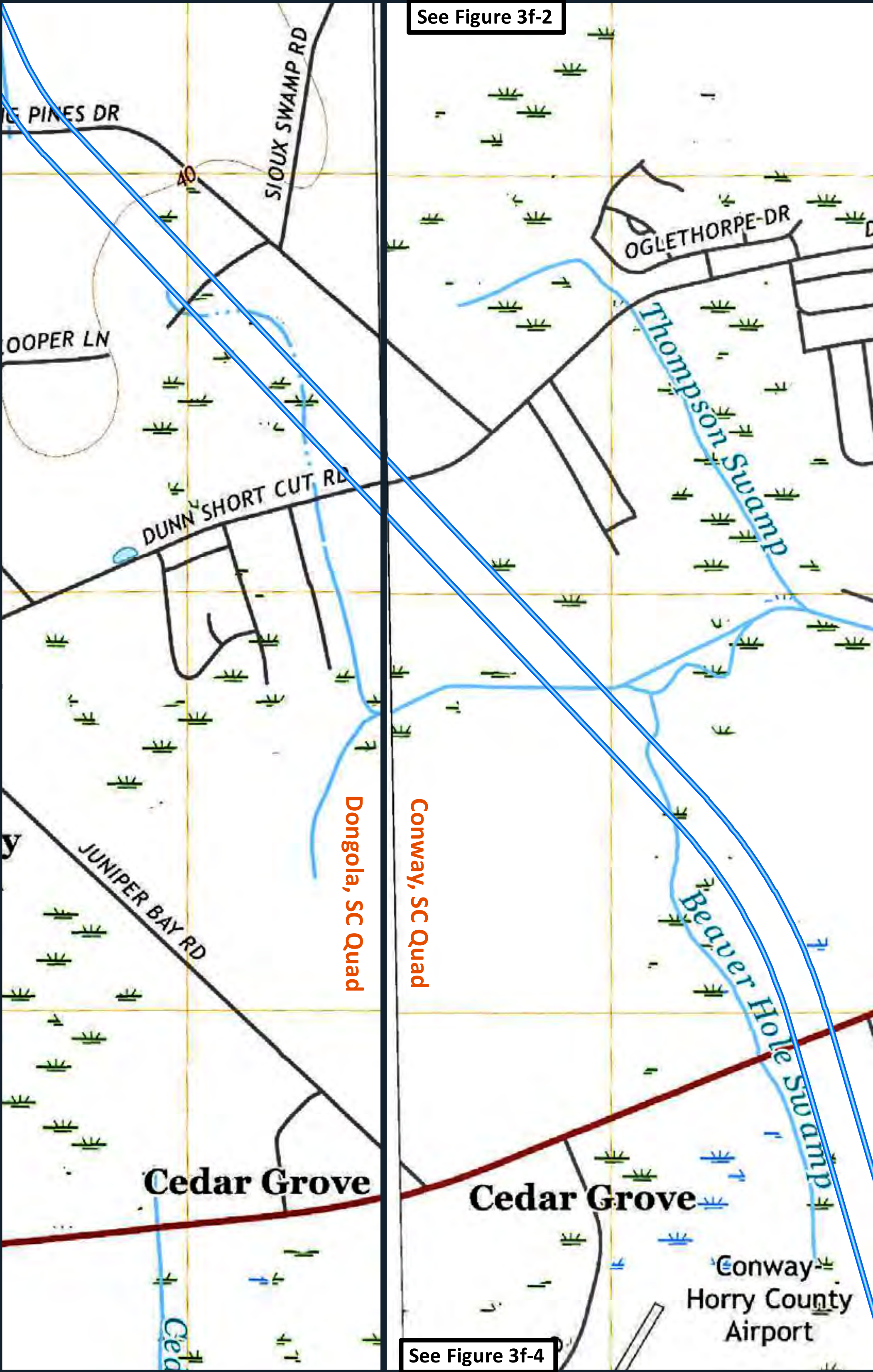
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry & Dongola, SC (2020)]

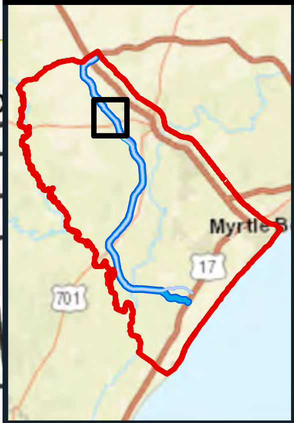
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-2
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway & Dongola, SC (2020)]

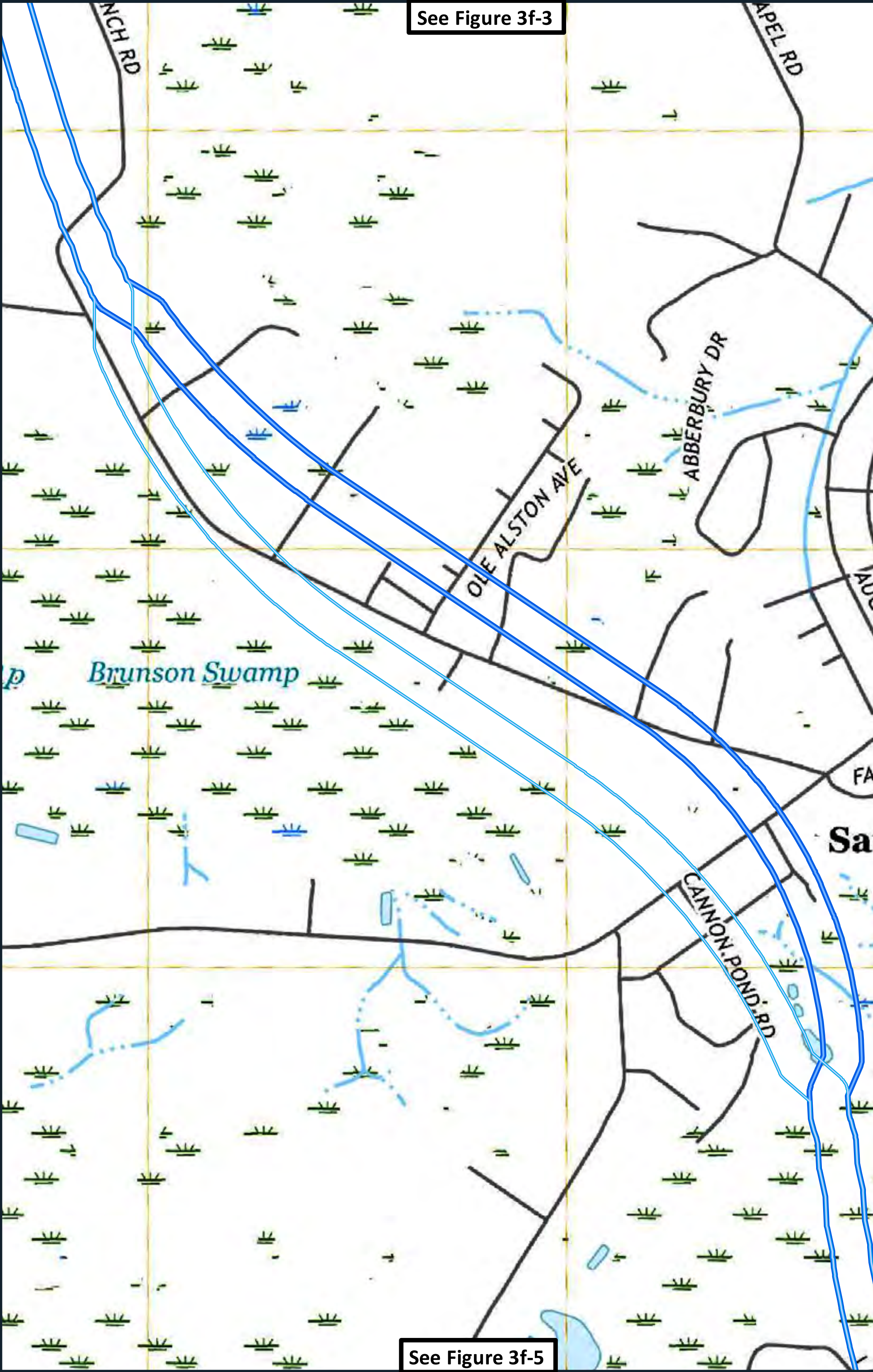
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-3
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022

See Figure 3f-3



See Figure 3f-5

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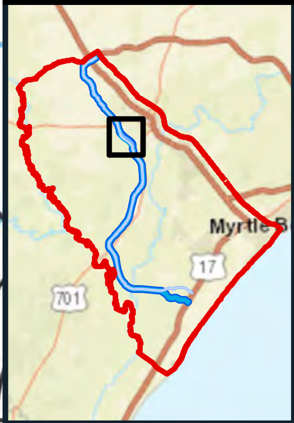
RIDE 3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

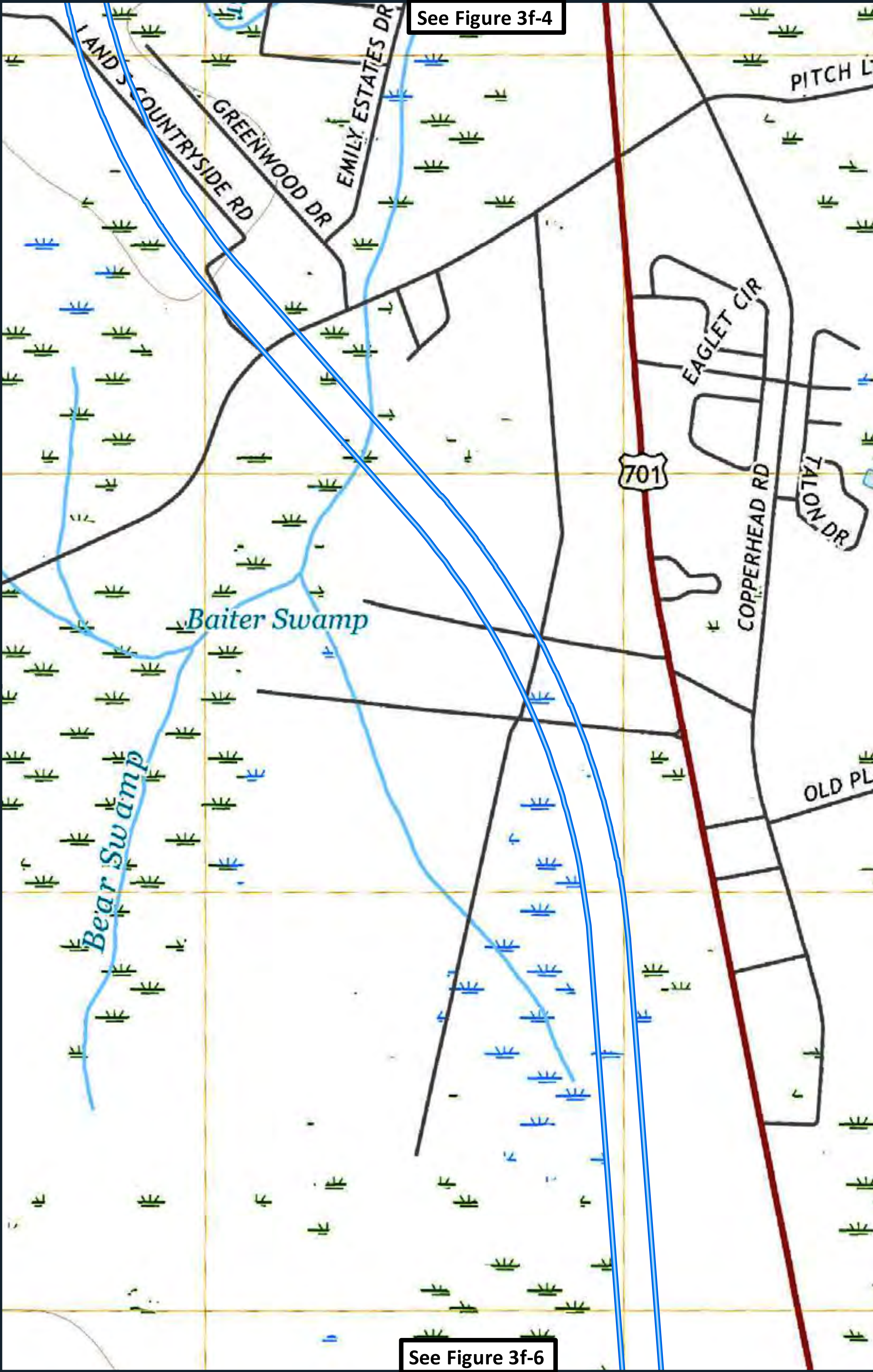
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

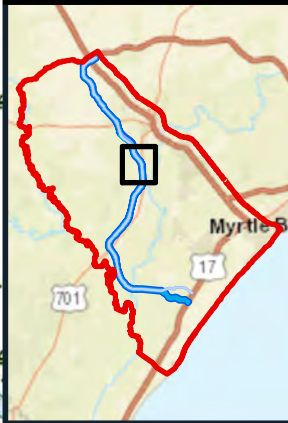
Figure 3f-4
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022

See Figure 3f-4



See Figure 3f-6



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

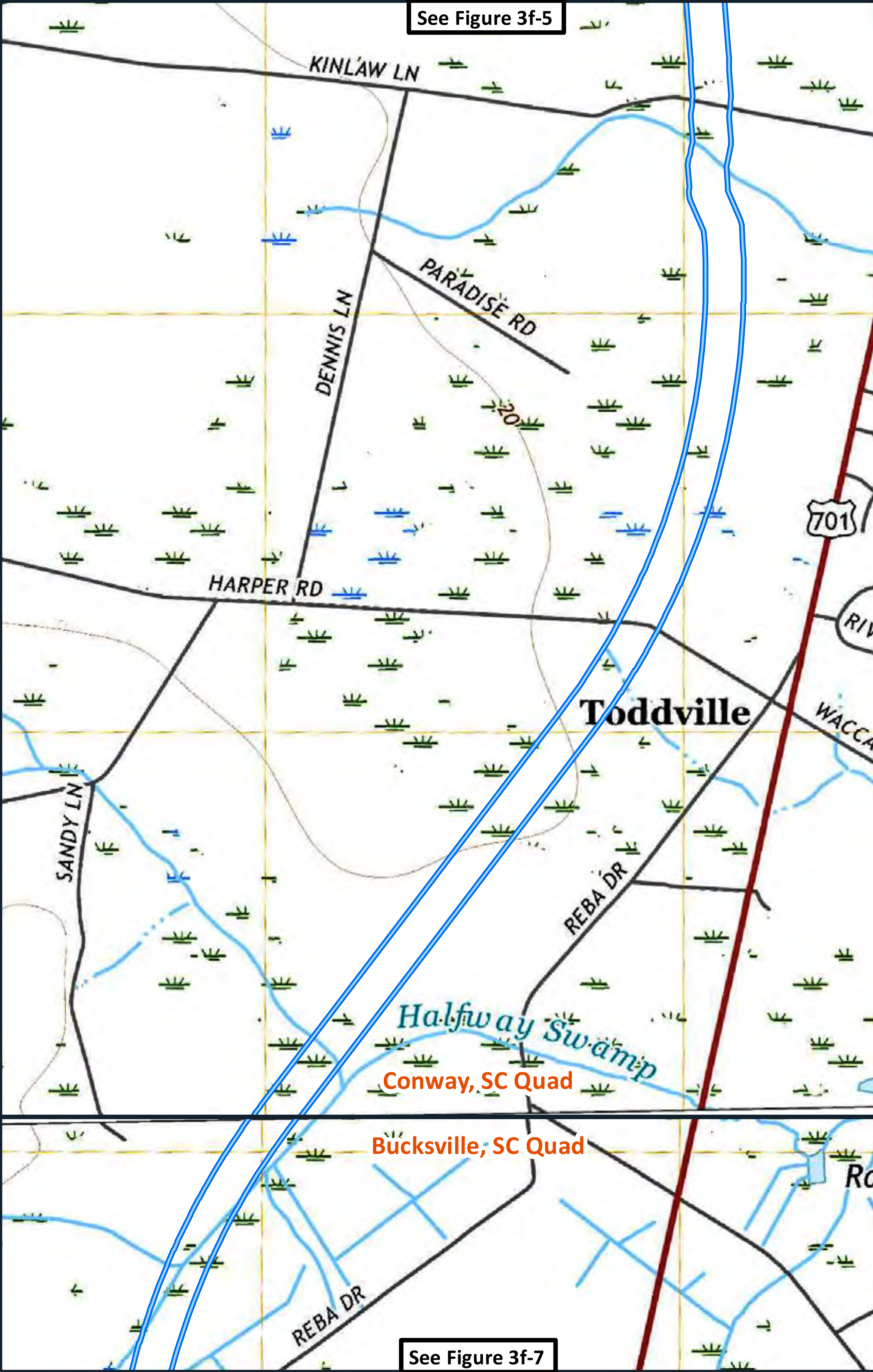
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

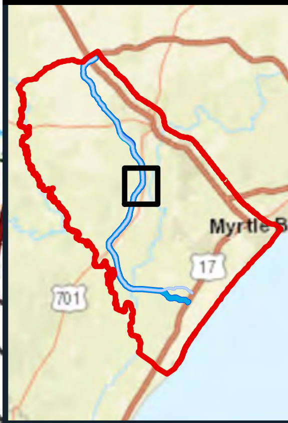
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-5
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

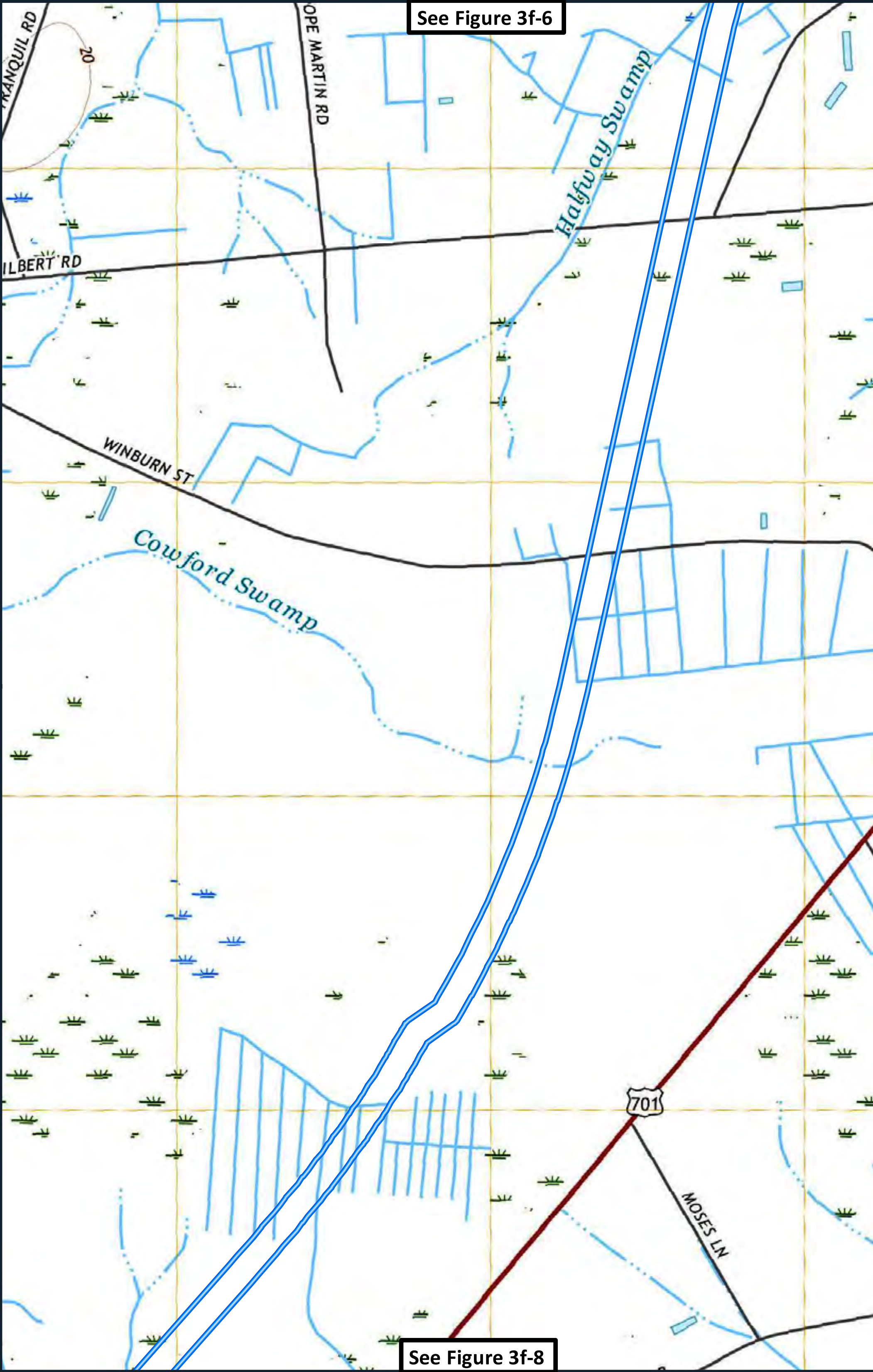
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway & Bucksville, SC (2020)]

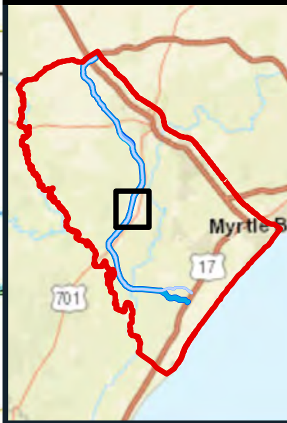
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-6
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3
Miles

@ 8.5 x 11 inches

N

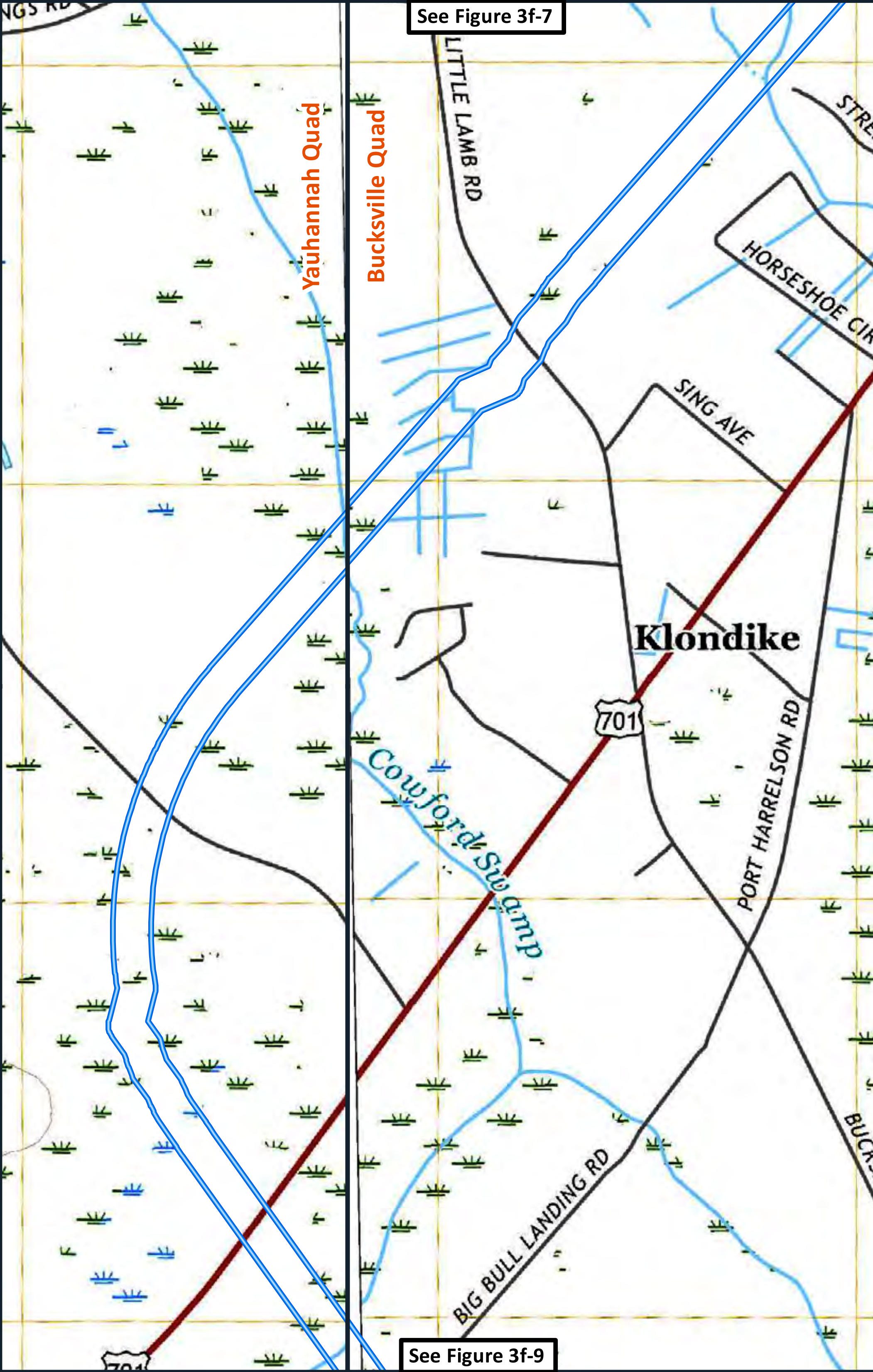
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Bucksville, SC (2020)]

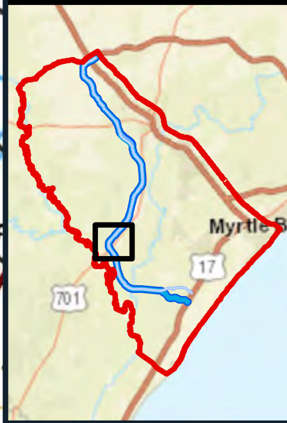
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-7
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

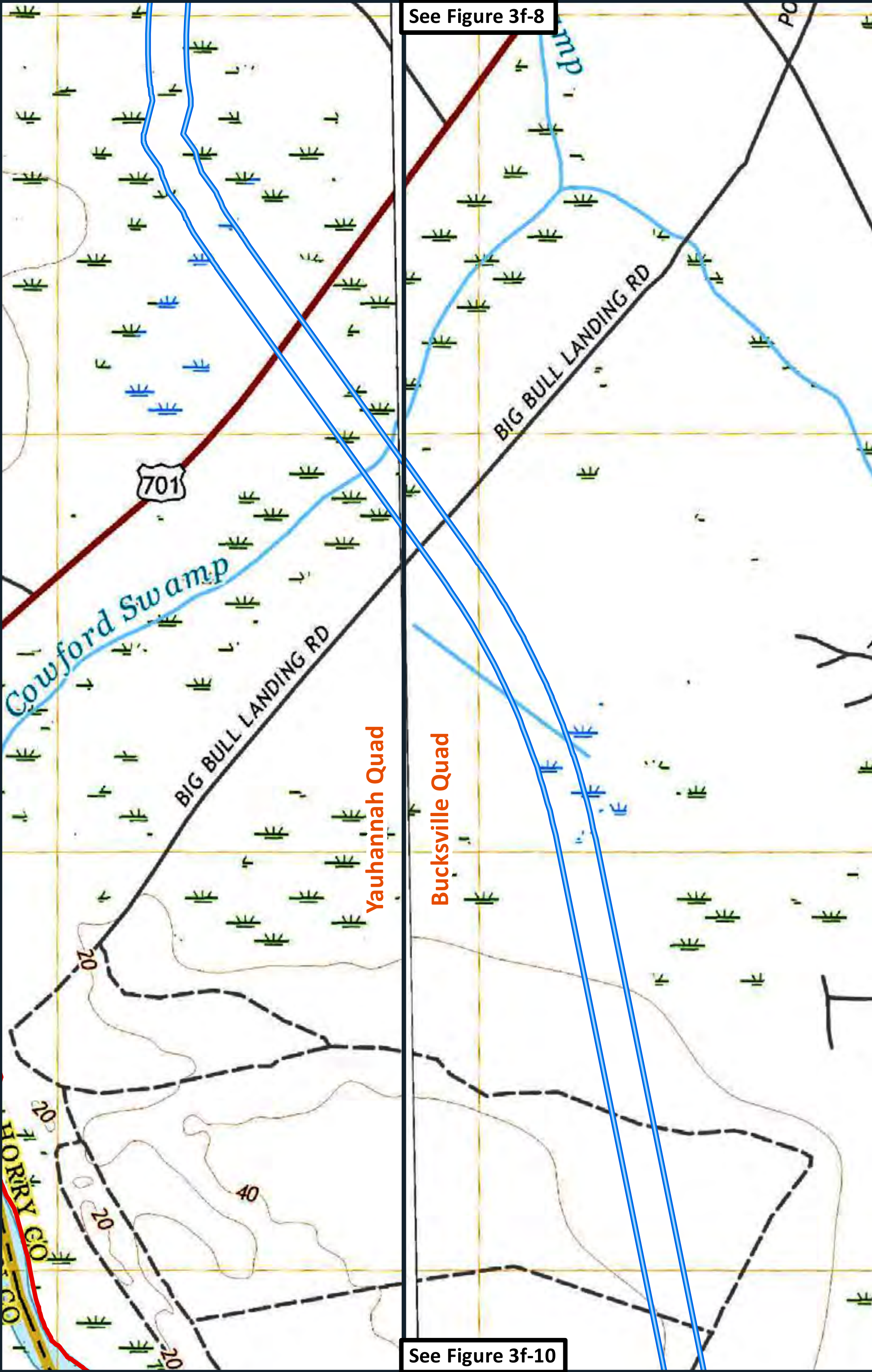
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah & Bucksville, SC (2020)]

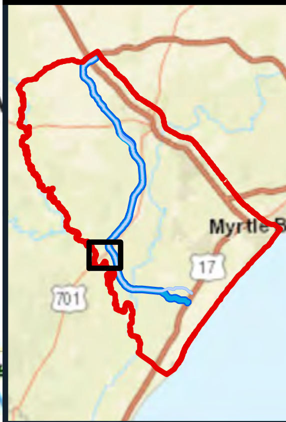
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-8
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

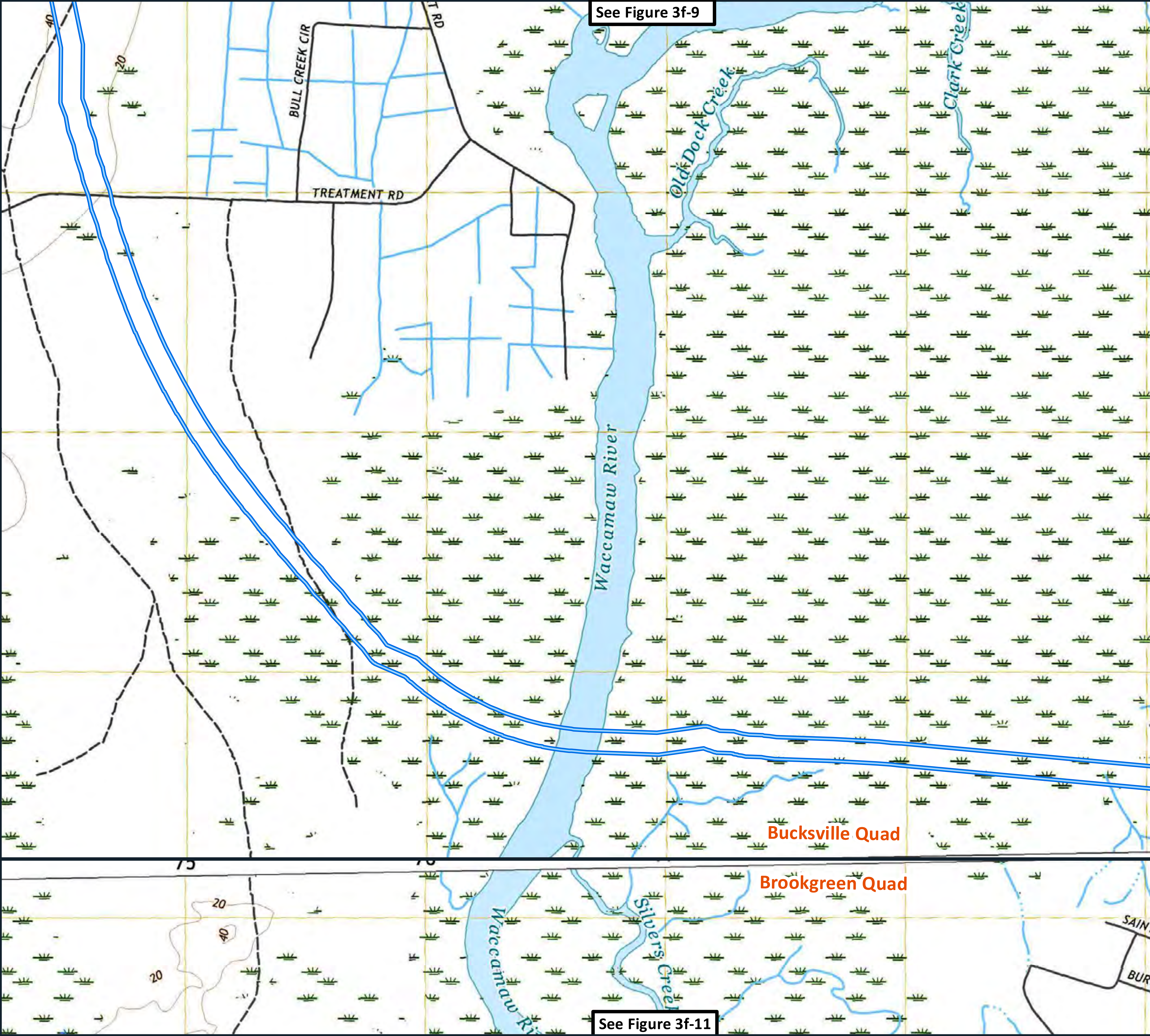
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Yauhannah & Bucksville, SC (2020)]

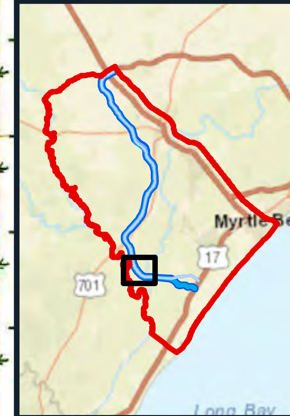
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 3f-9
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

N

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Brookgreen & Bucksville, SC (2020)]

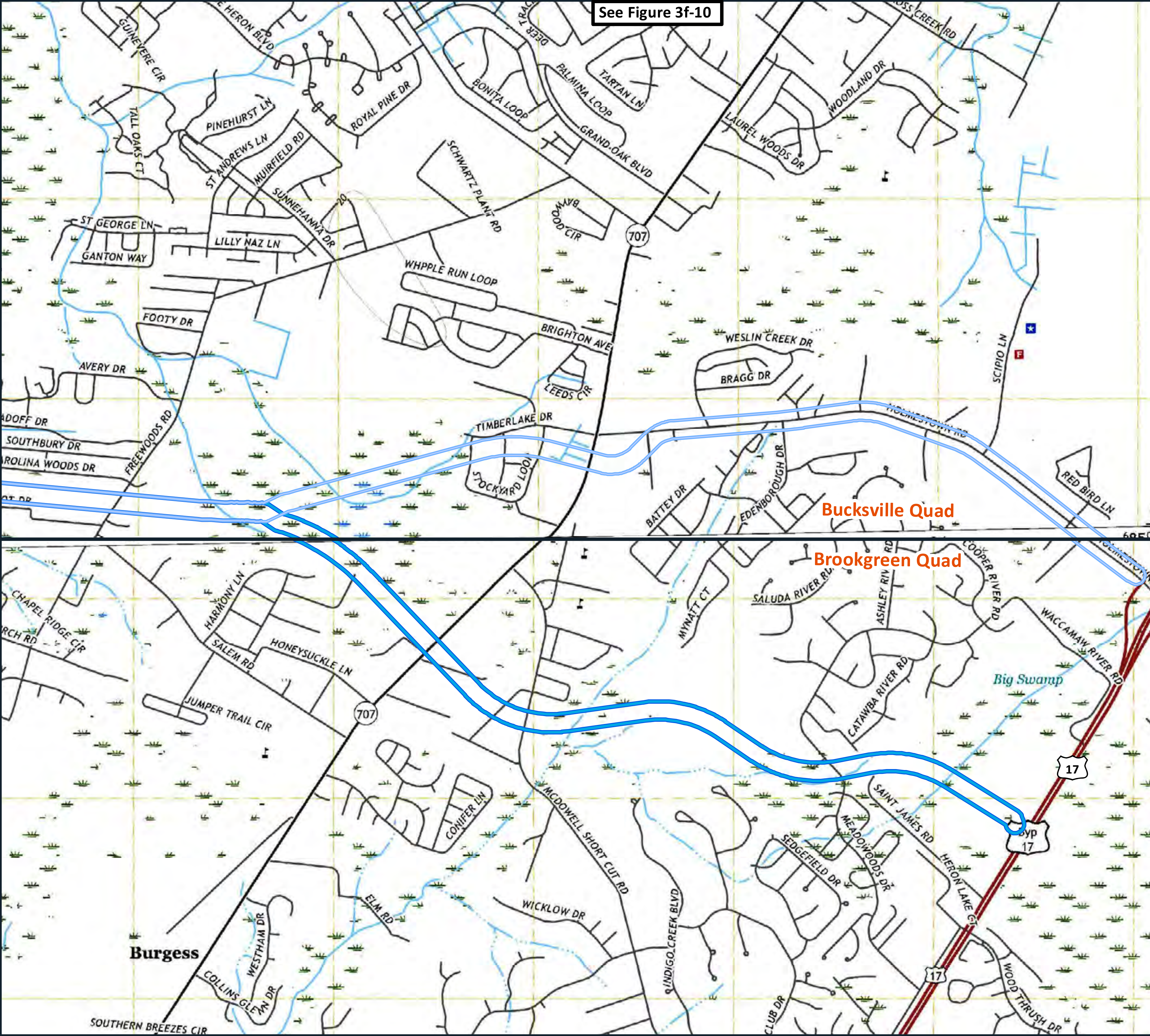
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 13
- Alternative Corridor 14

Figure 3f-10
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022

See Figure 3f-10



Horry County
RIDE3
SCDOT

1 inch = 0.38 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Brookgreen & Bucksville, SC (2020)]

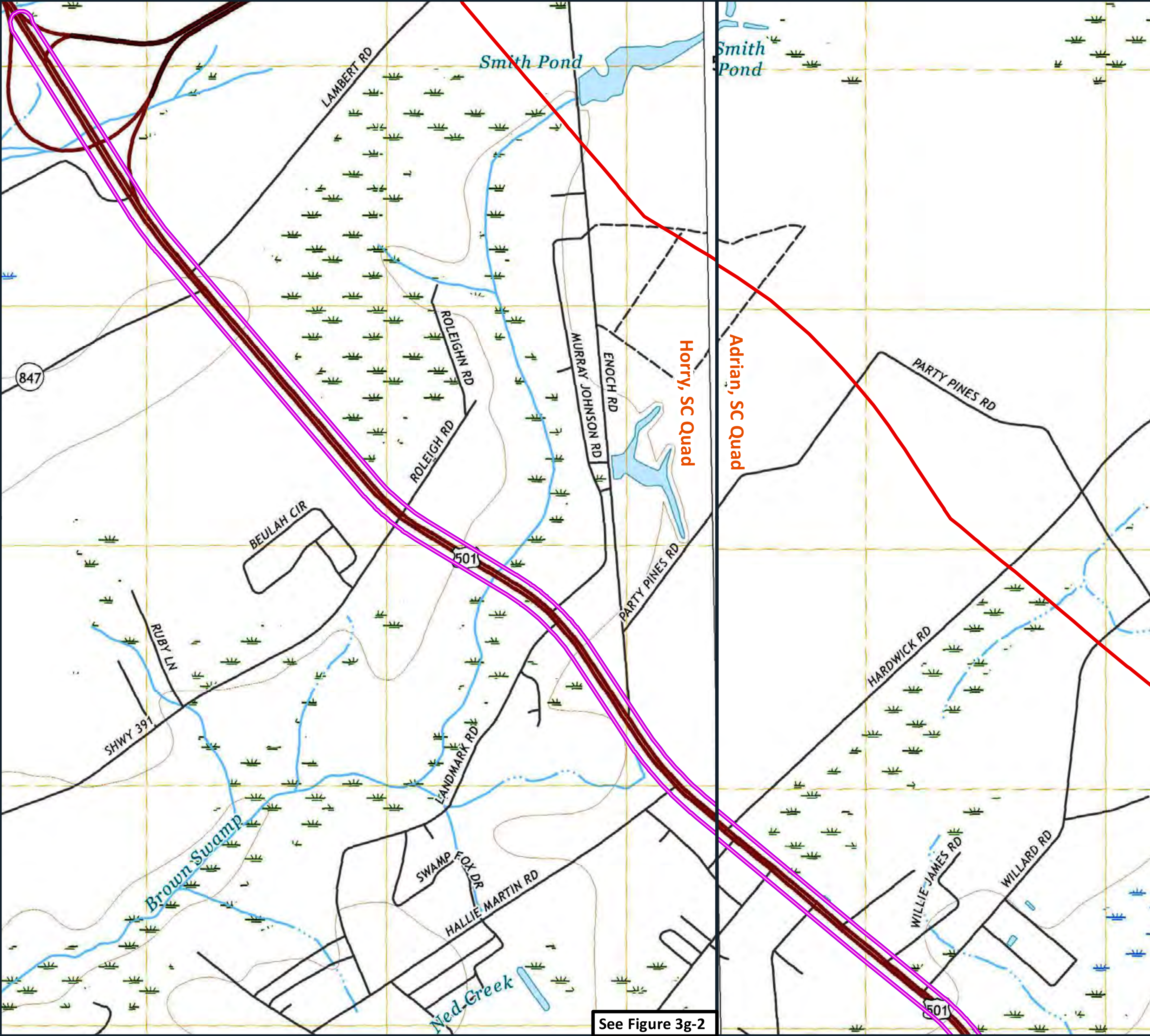
N

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

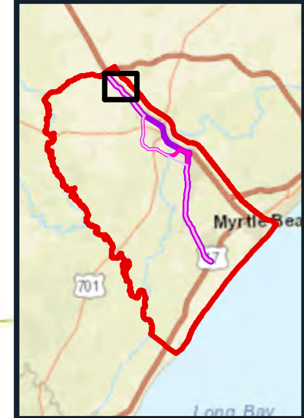
Figure 3f-11
ALTERNATIVES 10 - 13
TOPOGRAPHIC MAP

11/2022



See Figure 3g-2

Horry County
Committed to Excellence
RIDE3
SCDOT
South Carolina Department of Transportation



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

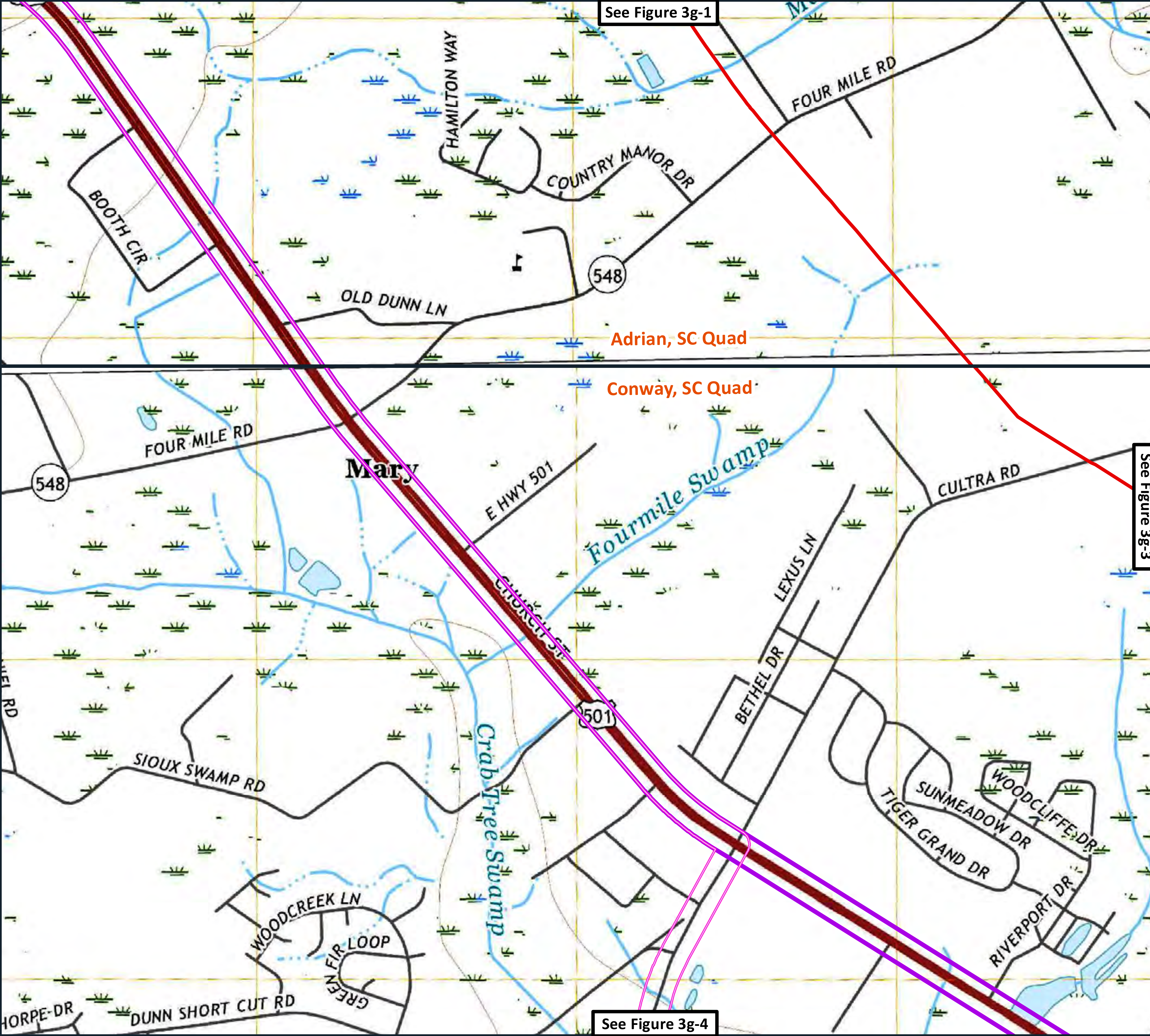
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Horry & Adrian, SC (2020)]

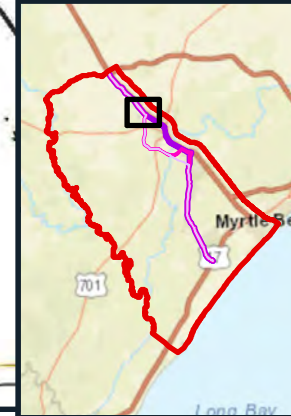
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-1
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

N

@ 8.5 x 11 inches

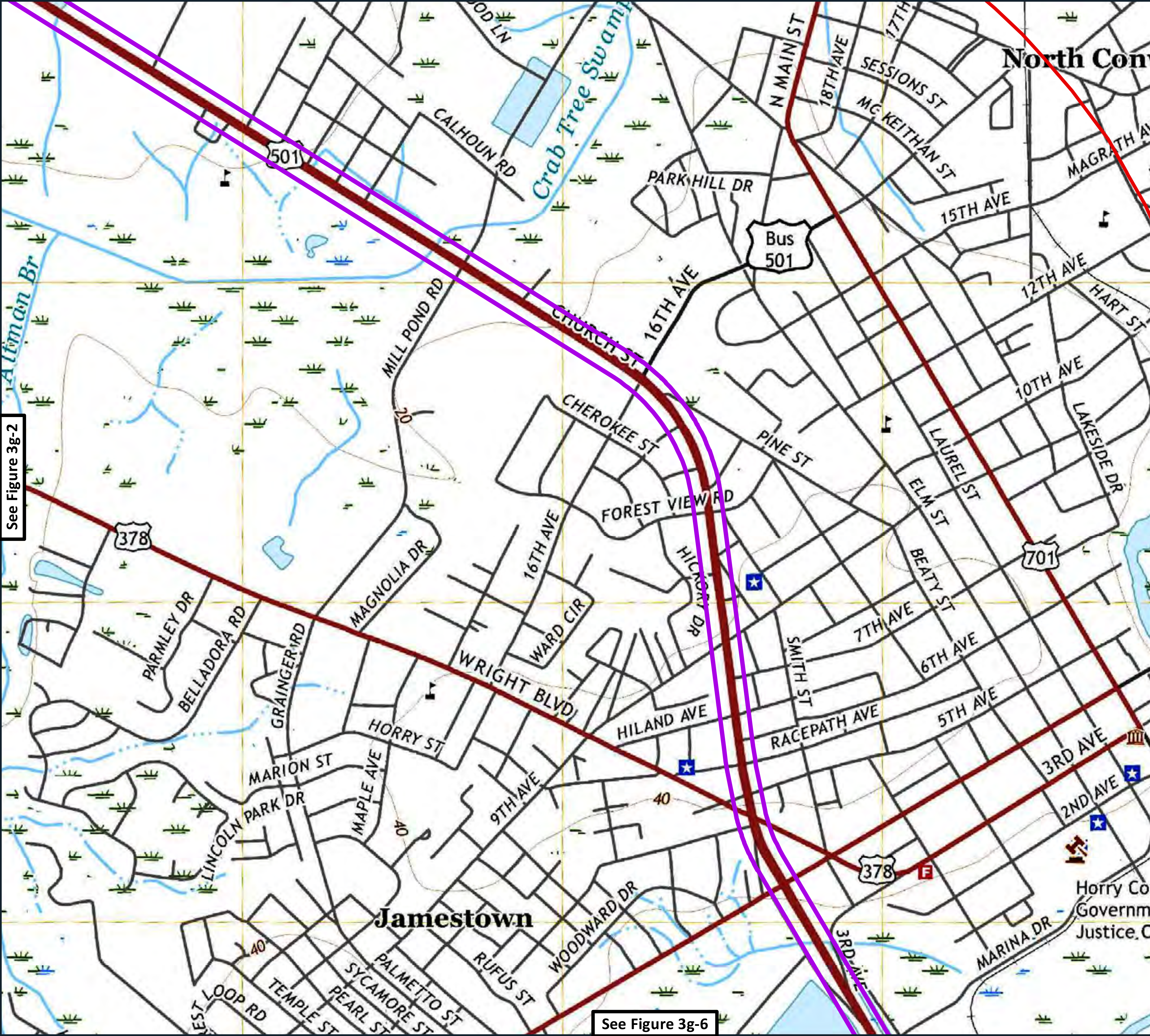
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway & Adrian, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

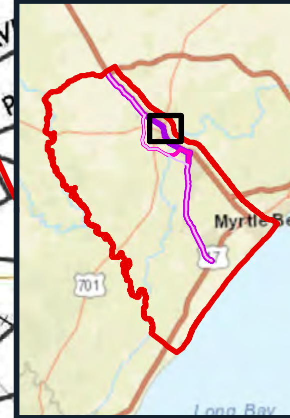
Figure 3g-2
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022



See Figure 3g-2

See Figure 3g-6



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

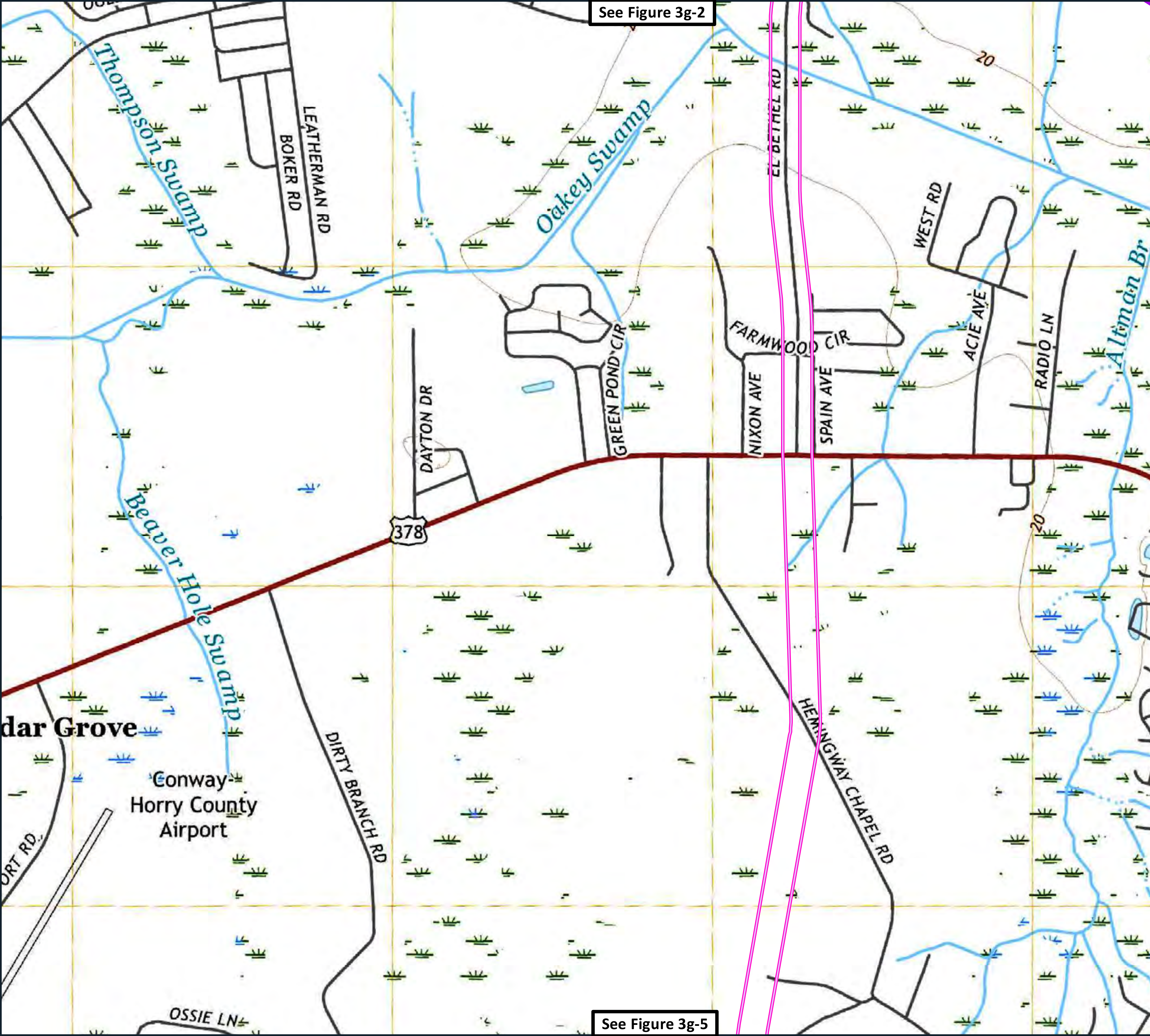
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-3
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

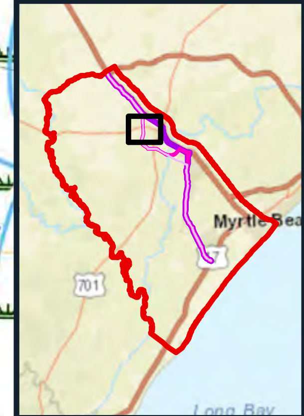
11/2022



Horry County Committed to Excellence

RIDE3

SCDOT South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

N

@ 8.5 x 11 inches

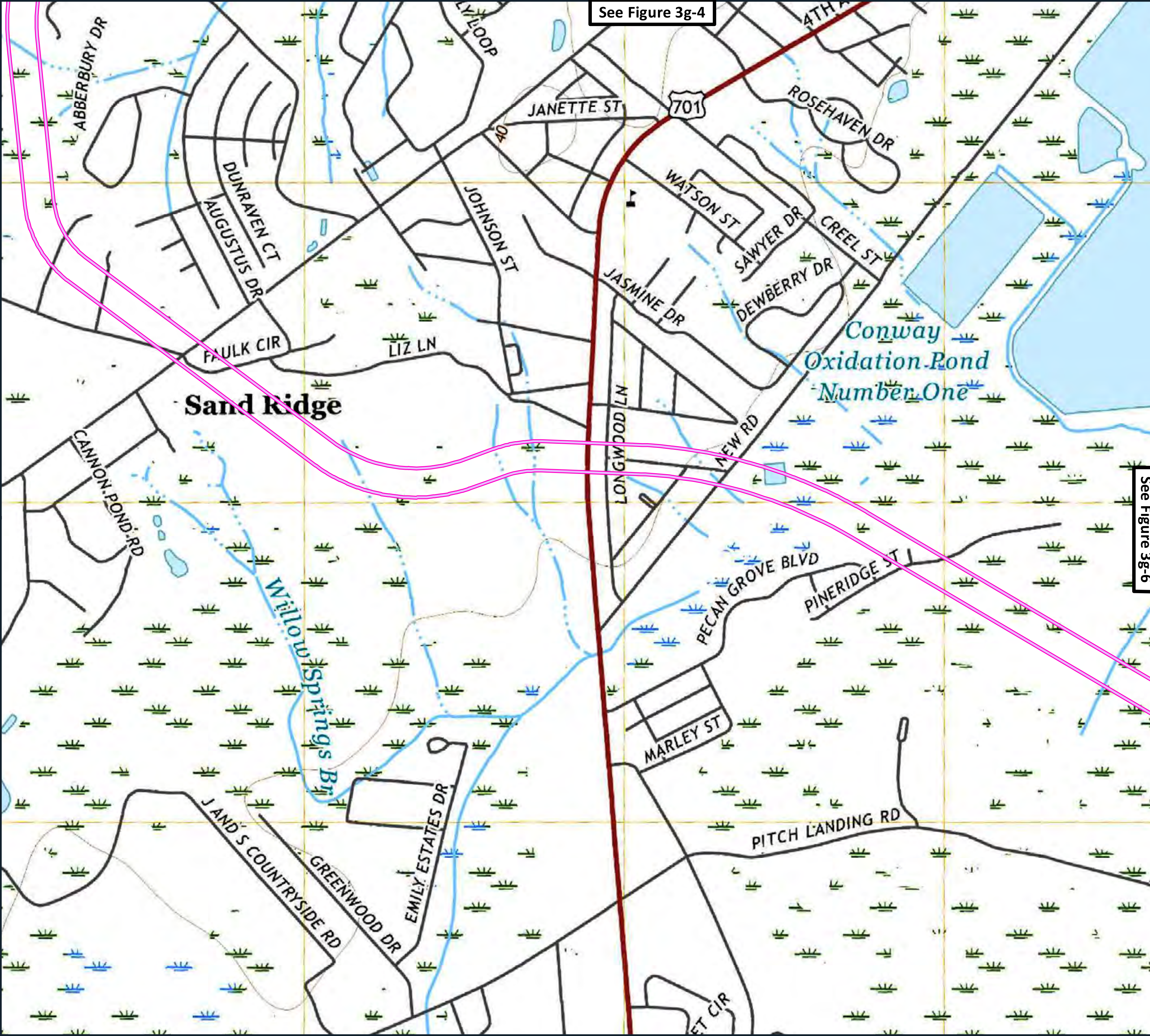
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

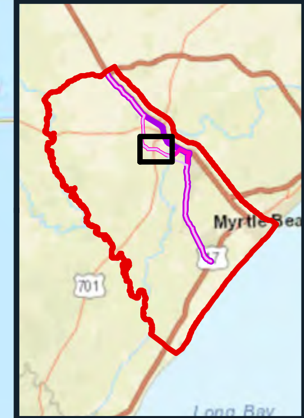
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-4
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-5
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022

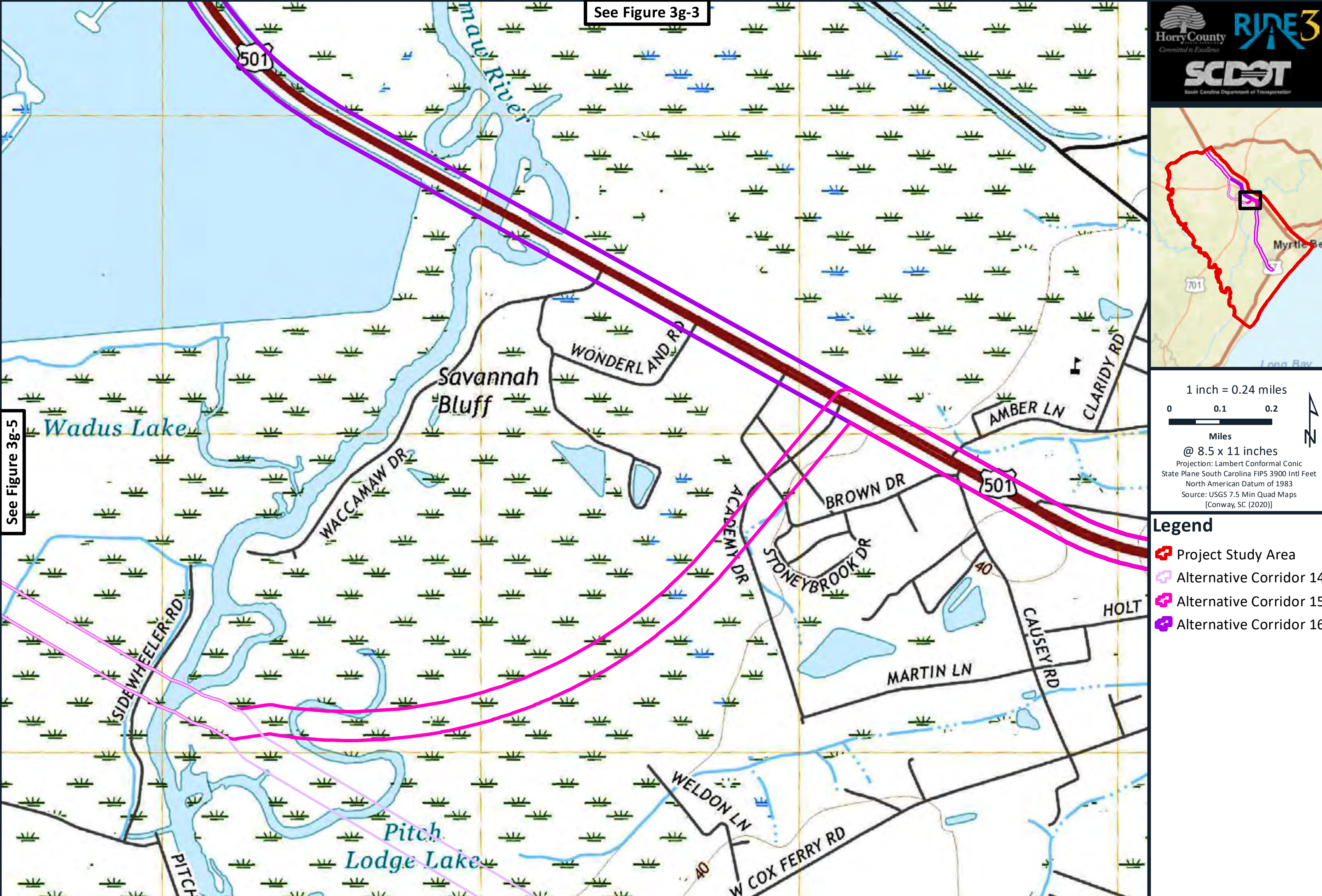
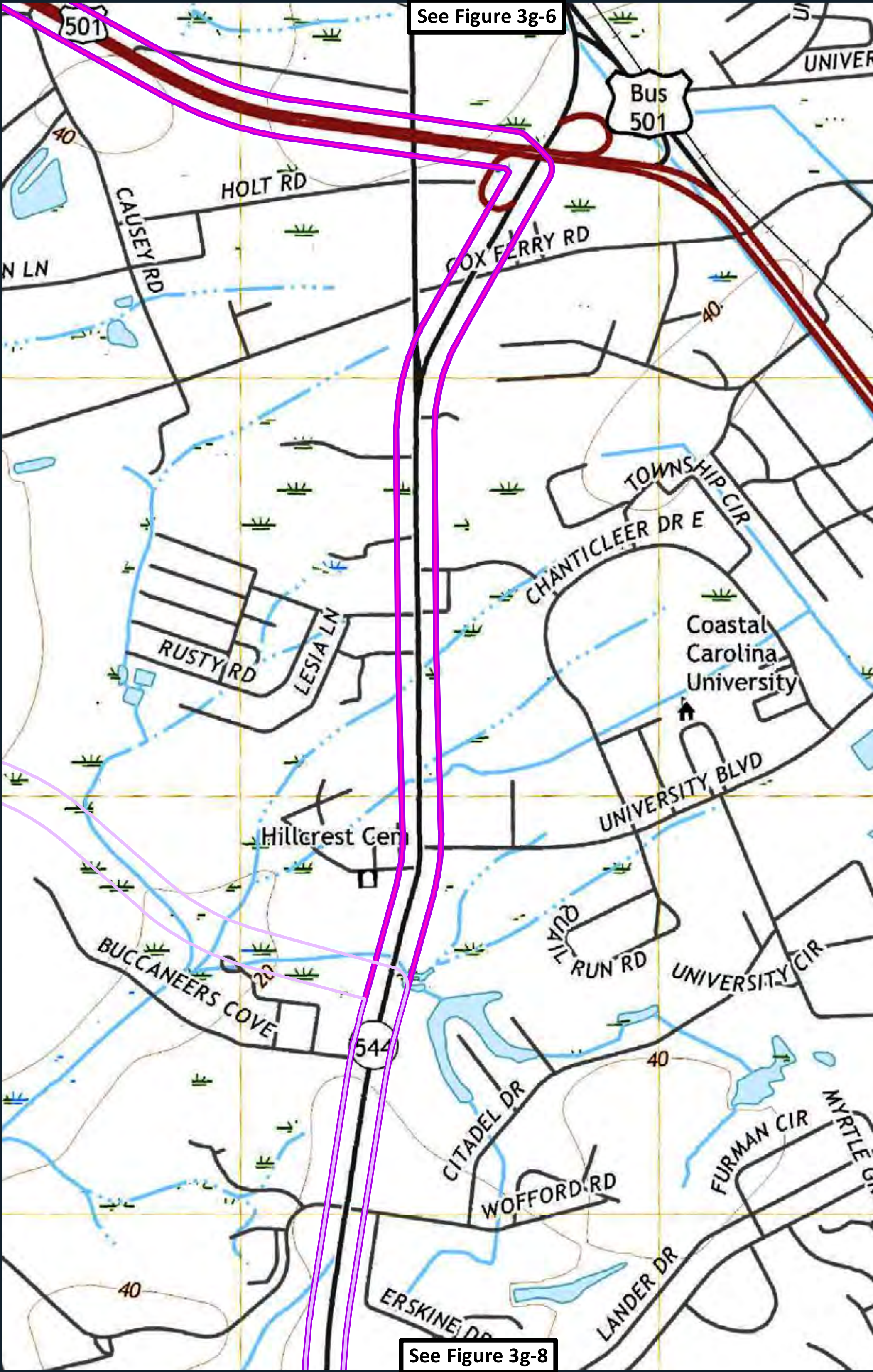
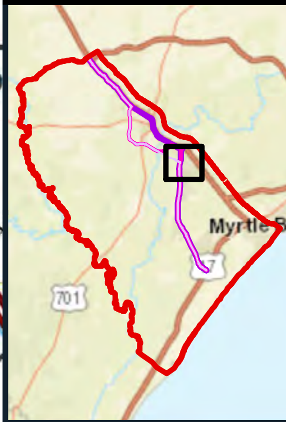


Figure 3g-6
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

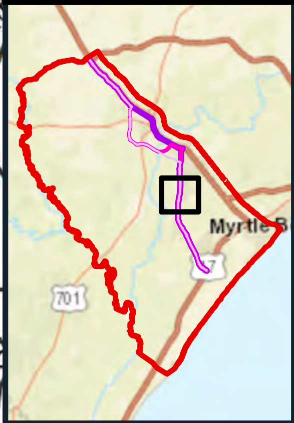
N

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-7
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

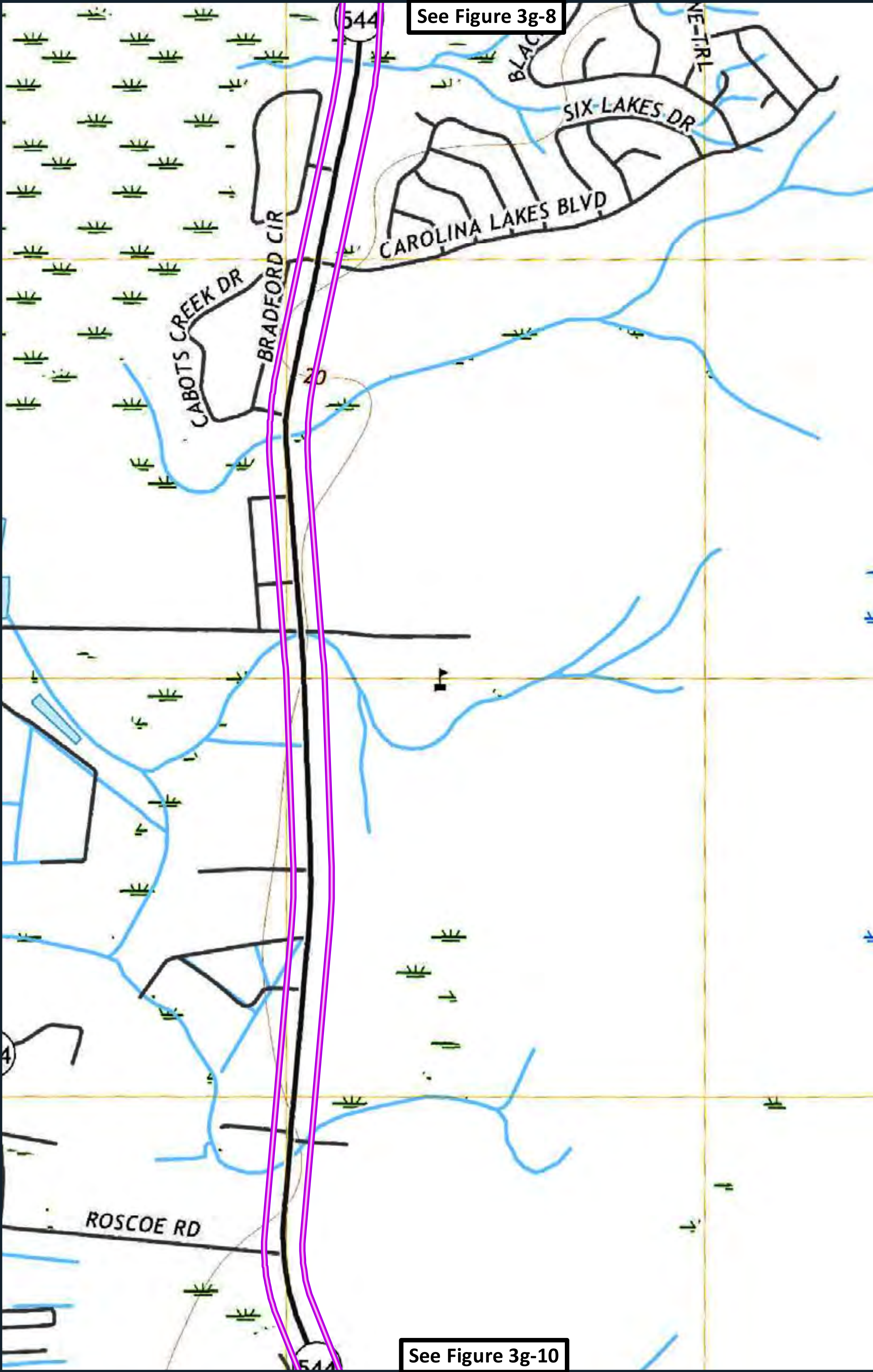
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Conway, SC (2020)]

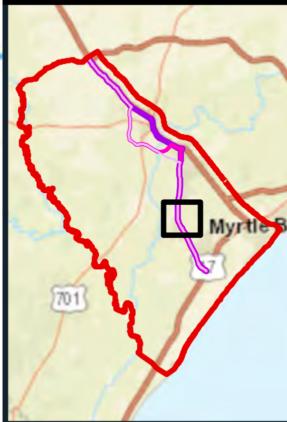
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-8
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

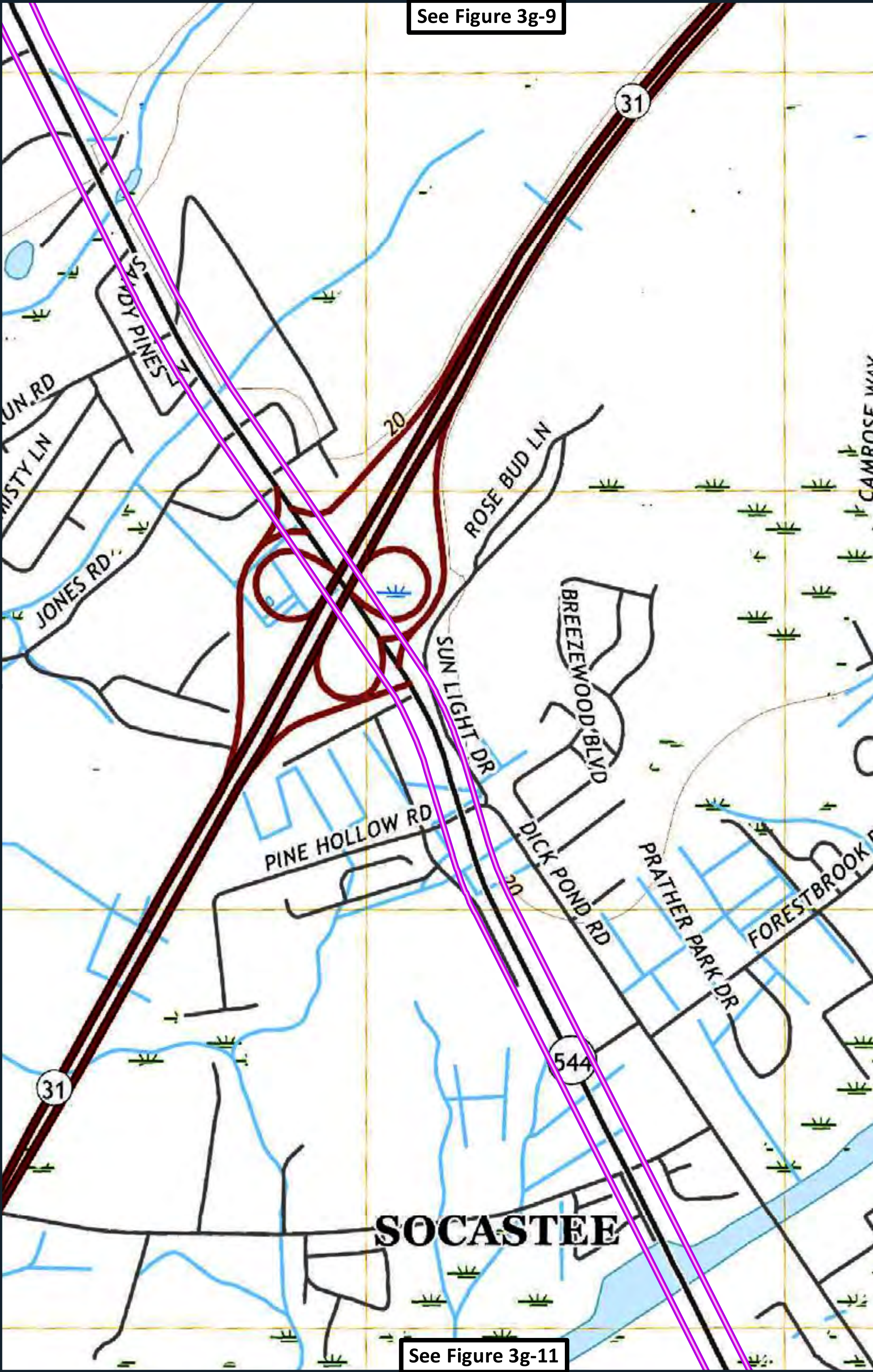
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Bucksville, SC (2020)]

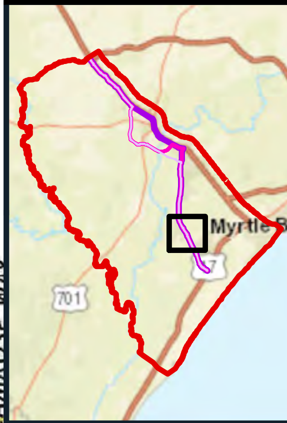
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-9
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

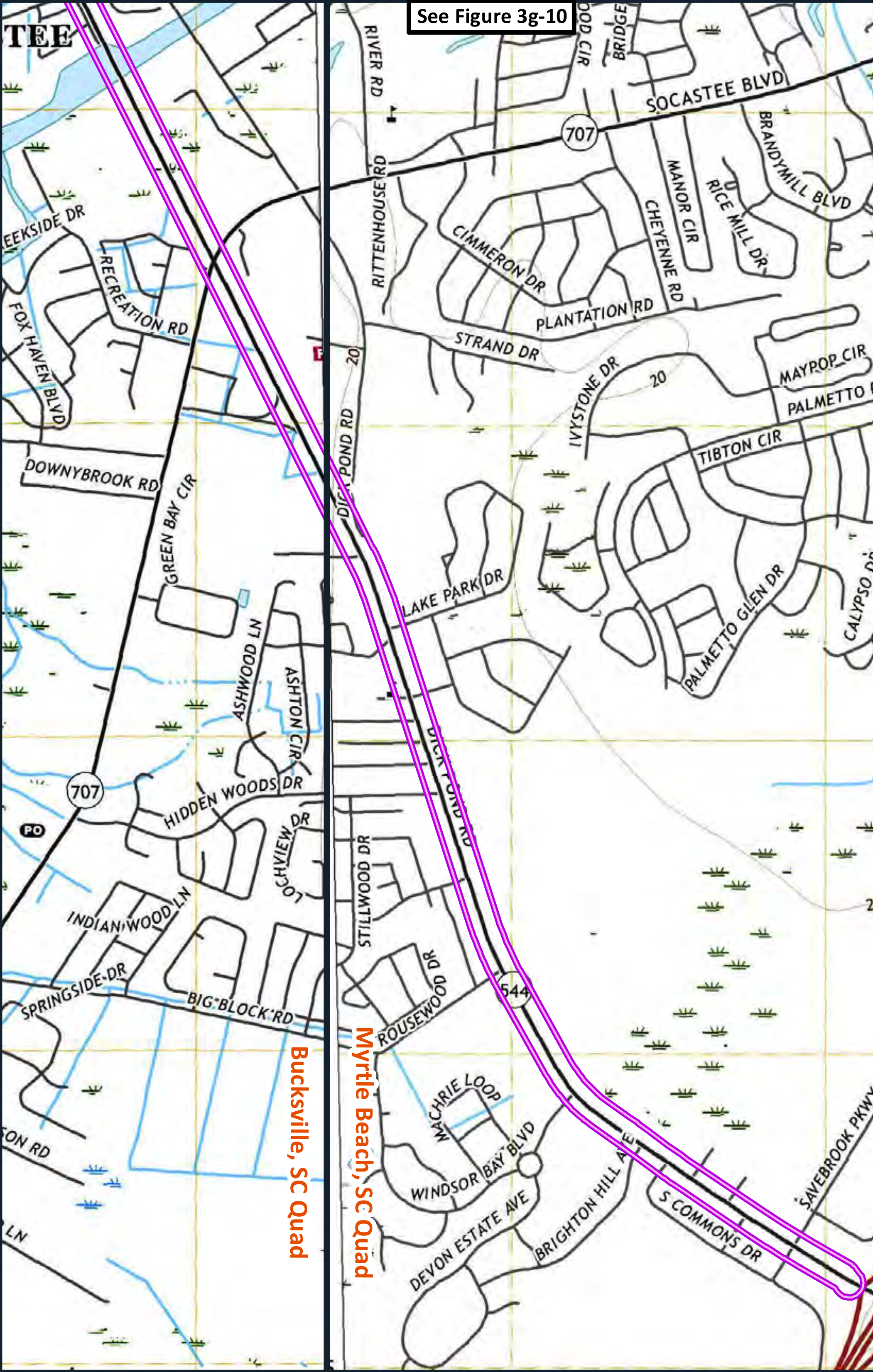
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Bucksville, SC (2020)]

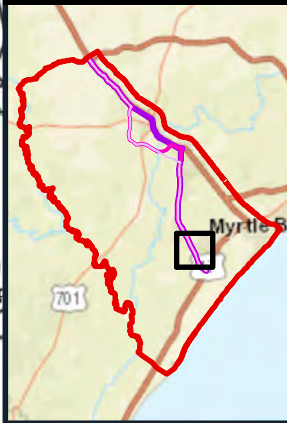
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-10
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

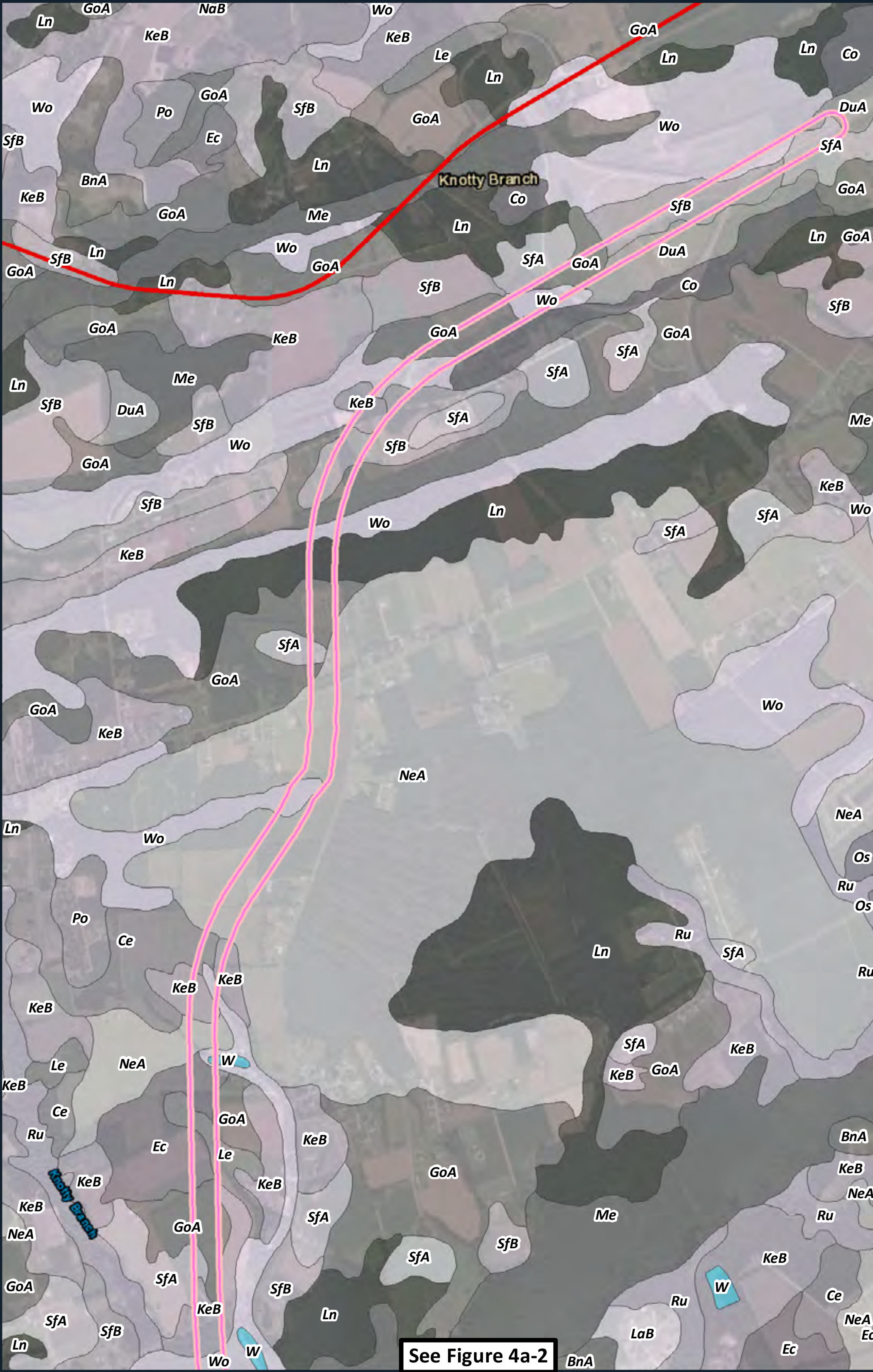
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USGS 7.5 Min Quad Maps
[Bucksville & Myrtle Beach, SC (2020)]

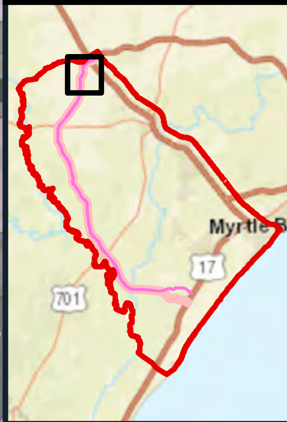
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 3g-11
ALTERNATIVES 14 - 16
TOPOGRAPHIC MAP

11/2022





1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

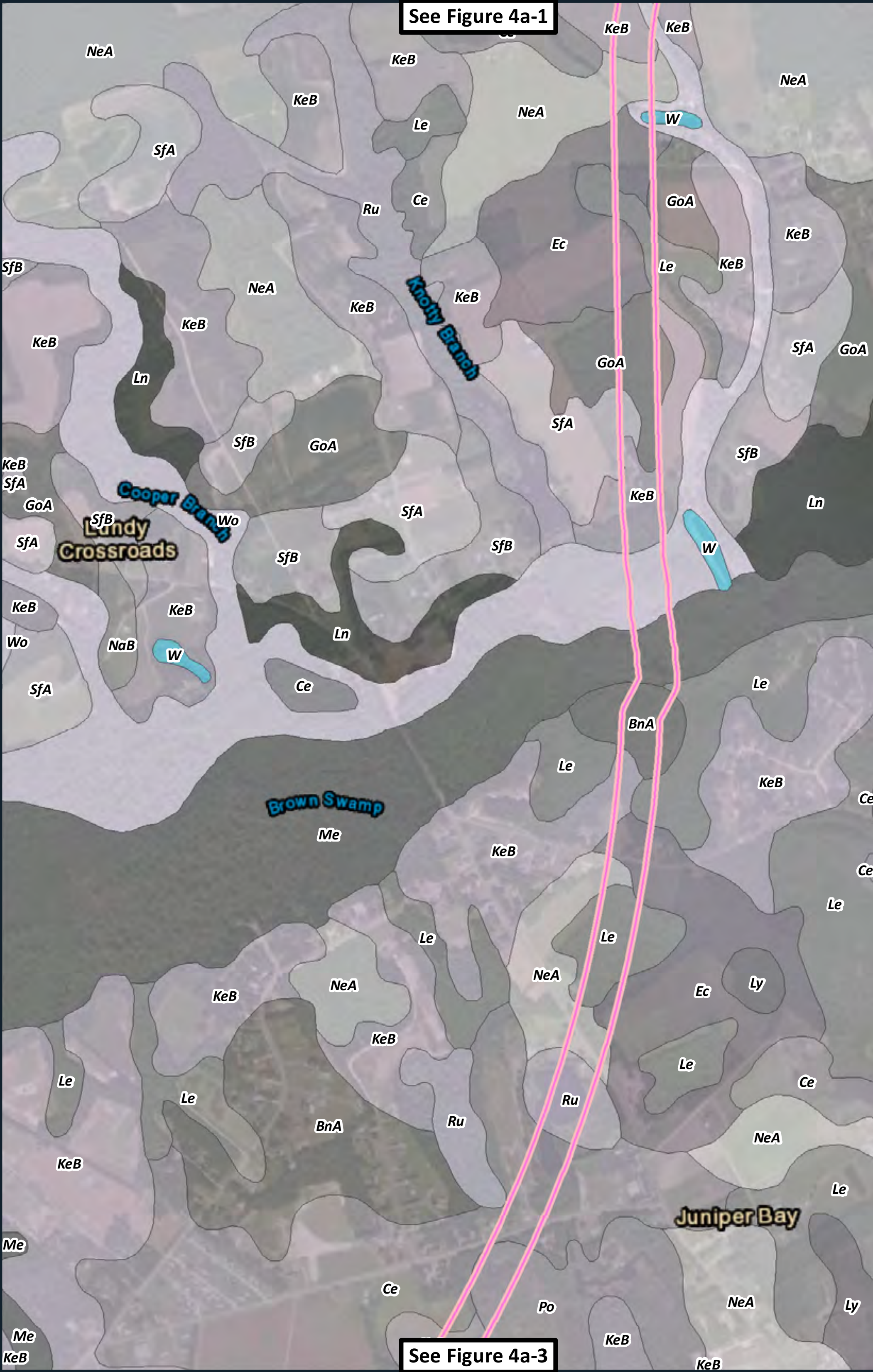
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

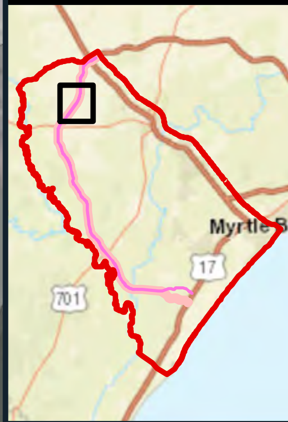
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-1 ALTERNATIVES 1 & 2 SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

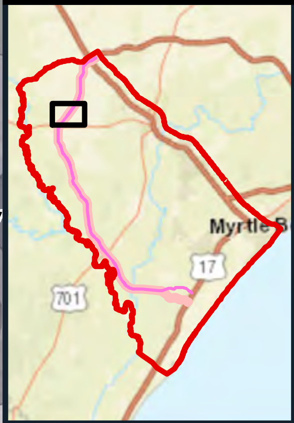
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-2
ALTERNATIVES 1 & 2
SOILS MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

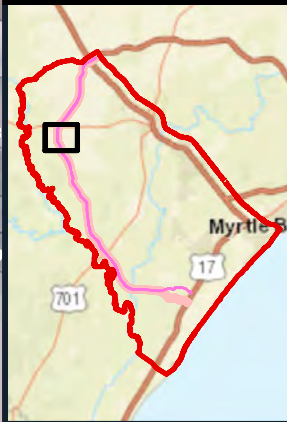
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-3
ALTERNATIVES 1 & 2
SOILS MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

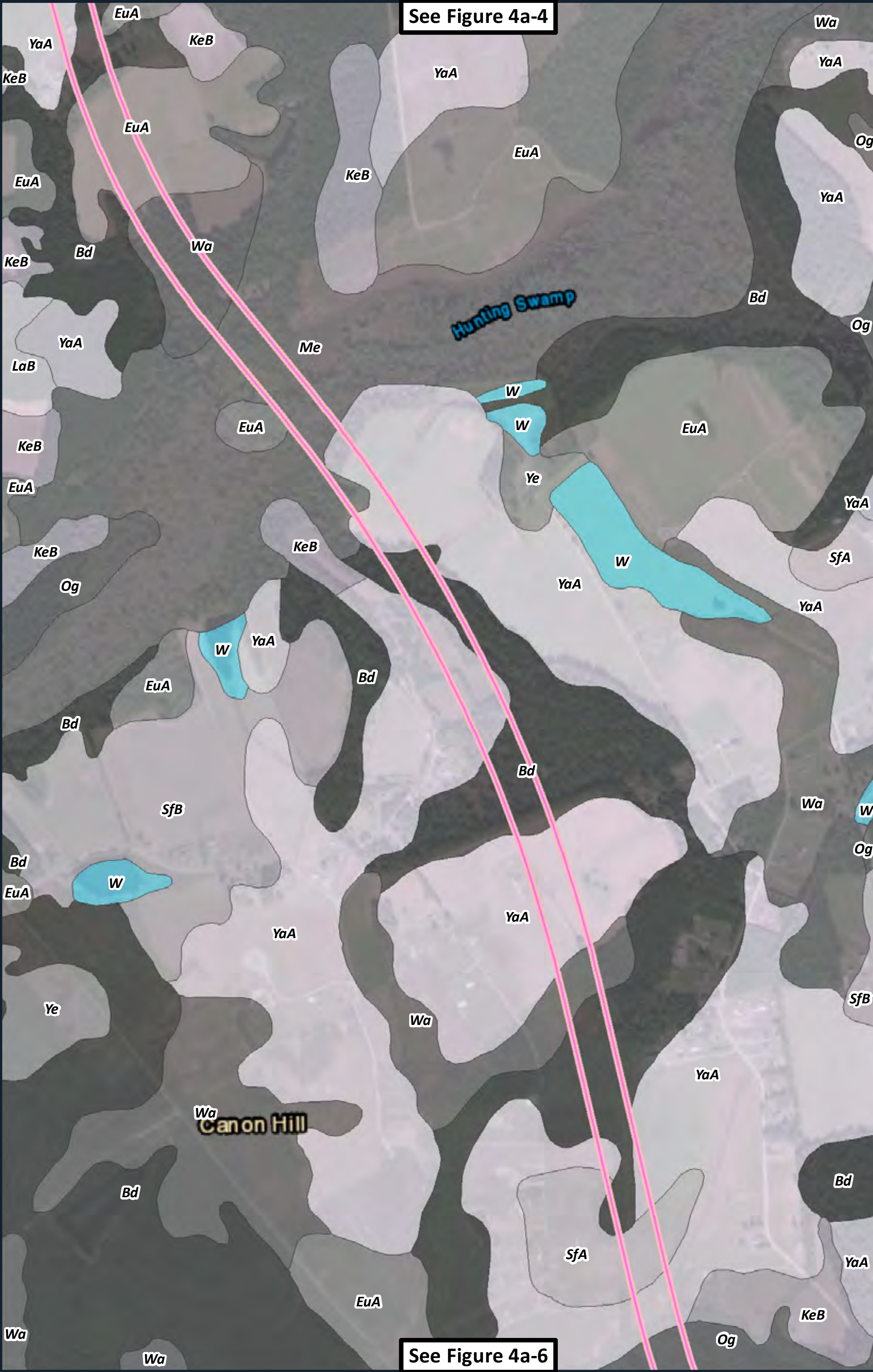
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

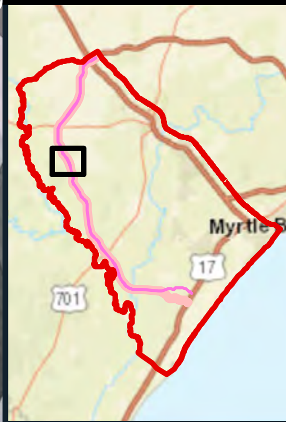
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-4
ALTERNATIVES 1 & 2
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

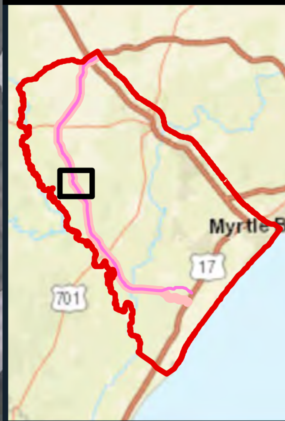
- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-5
ALTERNATIVES 1 & 2
SOILS MAP

11/2022

See Figure 4a-5

See Figure 4a-7



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-6
ALTERNATIVES 1 & 2
SOILS MAP

11/2022

See Figure 4a-6

See Figure 4a-8

Horry County
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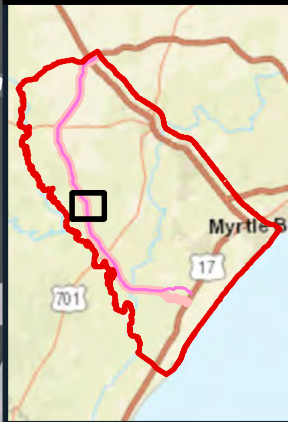
RIDE3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

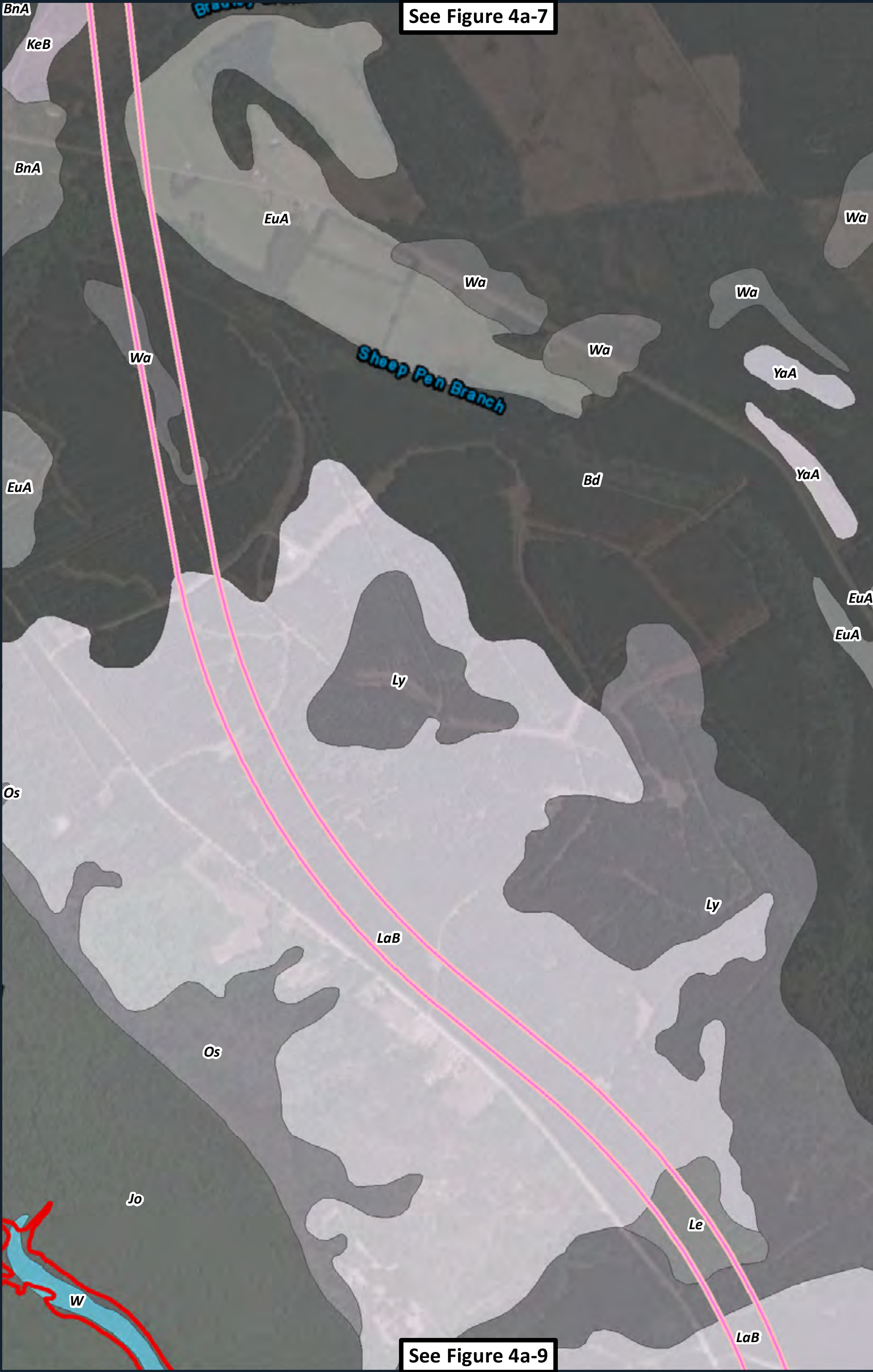
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

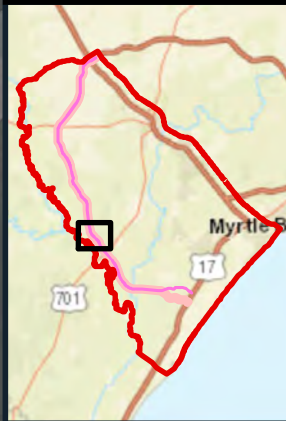
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-7
ALTERNATIVES 1 & 2
SOILS MAP

11/2022





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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

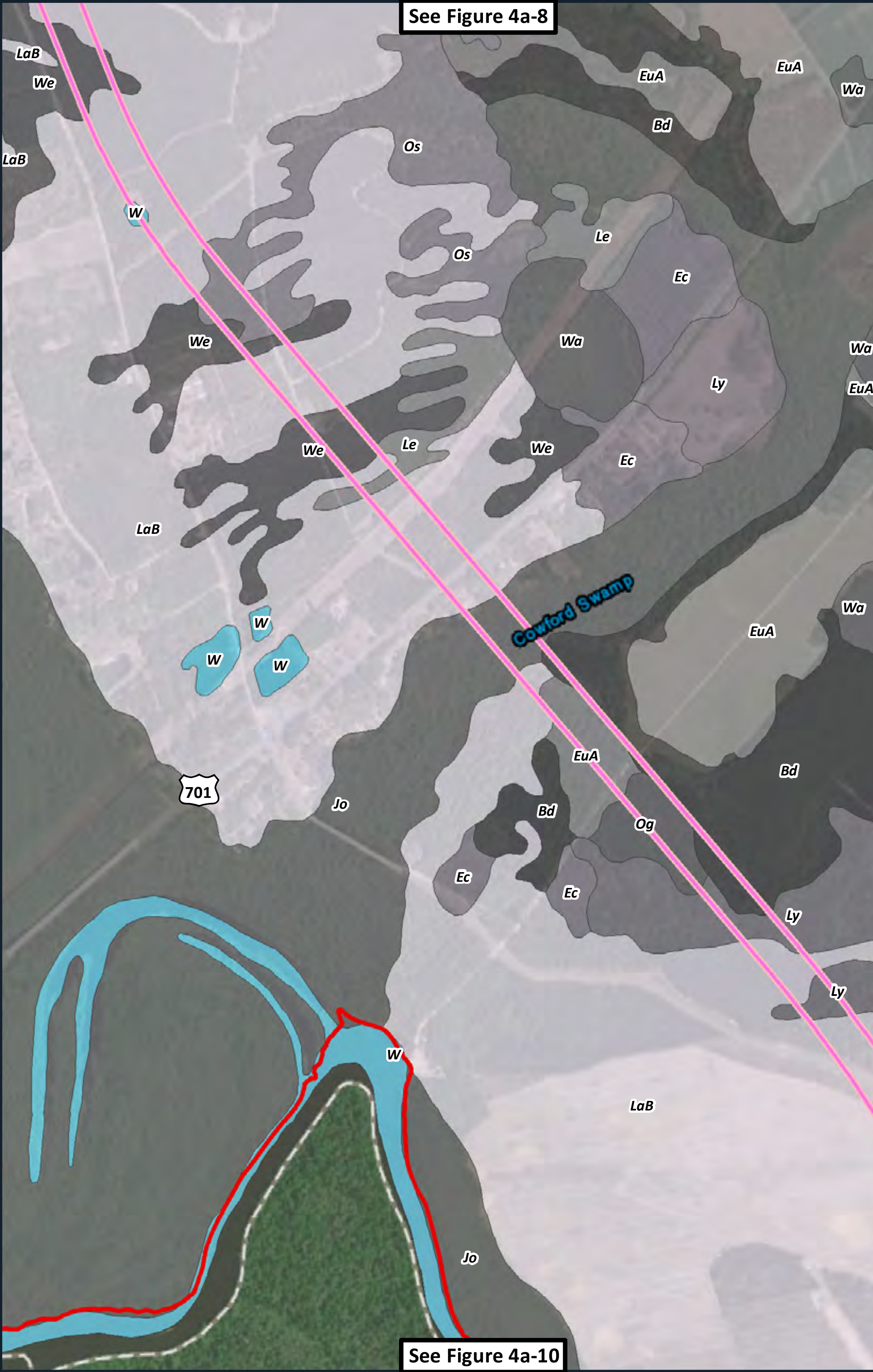
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

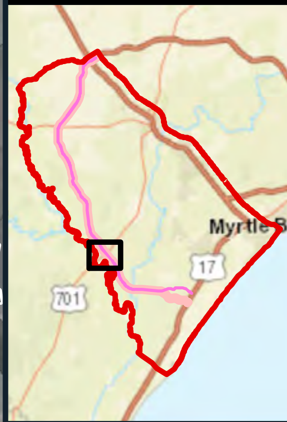
Figure 4a-8
ALTERNATIVES 1 & 2
SOILS MAP

11/2022

See Figure 4a-8



See Figure 4a-10



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Miles

@ 8.5 x 11 inches

N

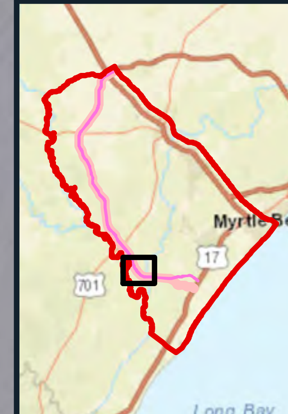
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-9
ALTERNATIVES 1 & 2
SOILS MAP

11/2022



1 inch = 0.32 miles

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Miles

@ 8.5 x 11 inches

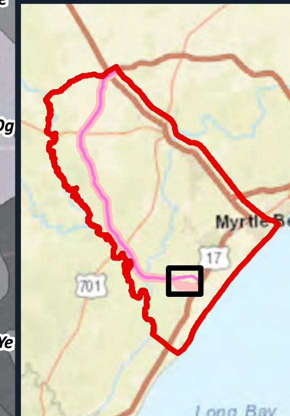
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-10
ALTERNATIVES 1 & 2
SOILS MAP

11/2022



1 inch = 0.38 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

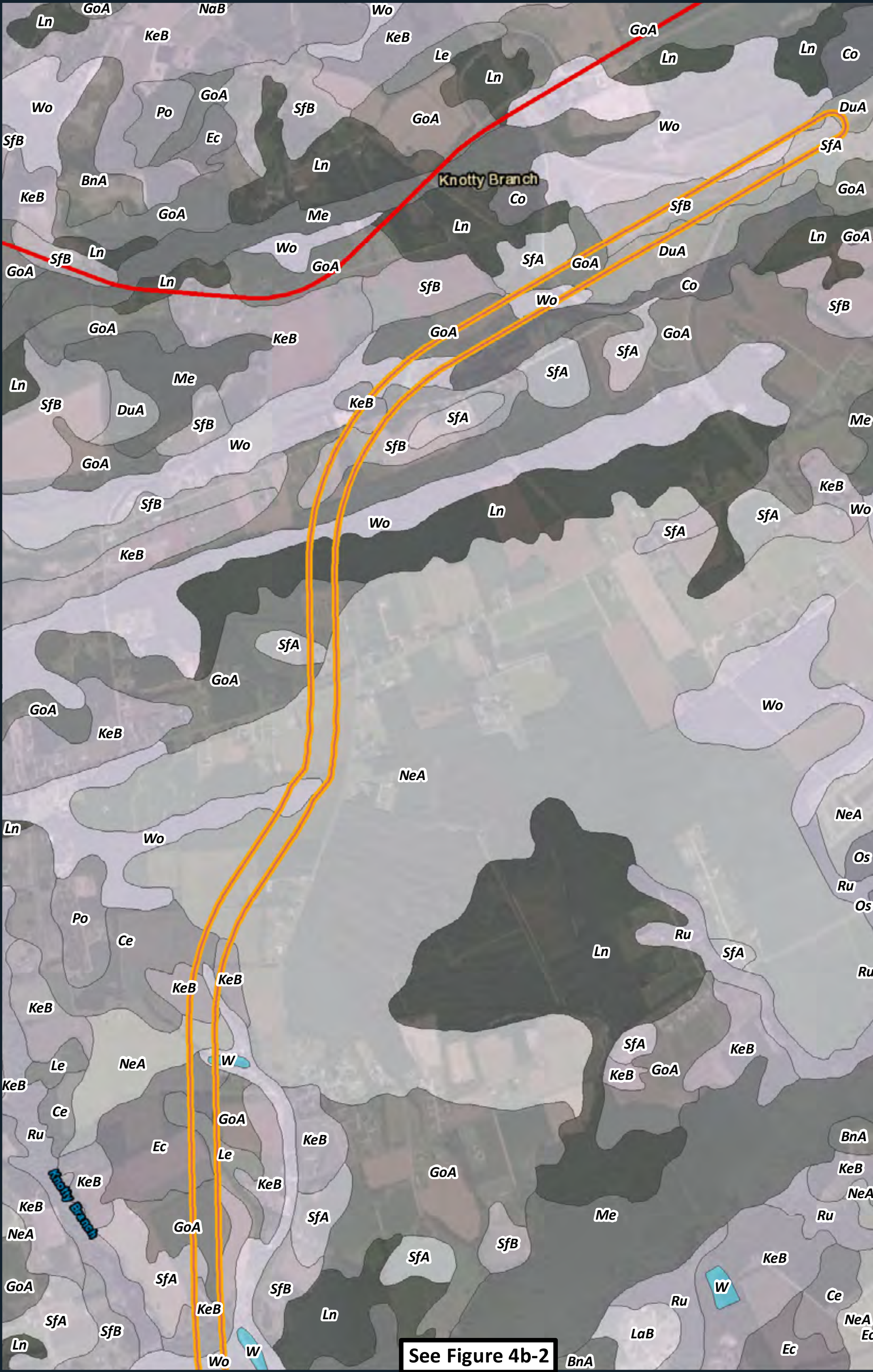
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

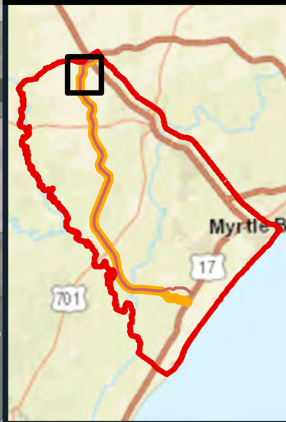
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 4a-11
ALTERNATIVES 1 & 2
SOILS MAP

11/2022





1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

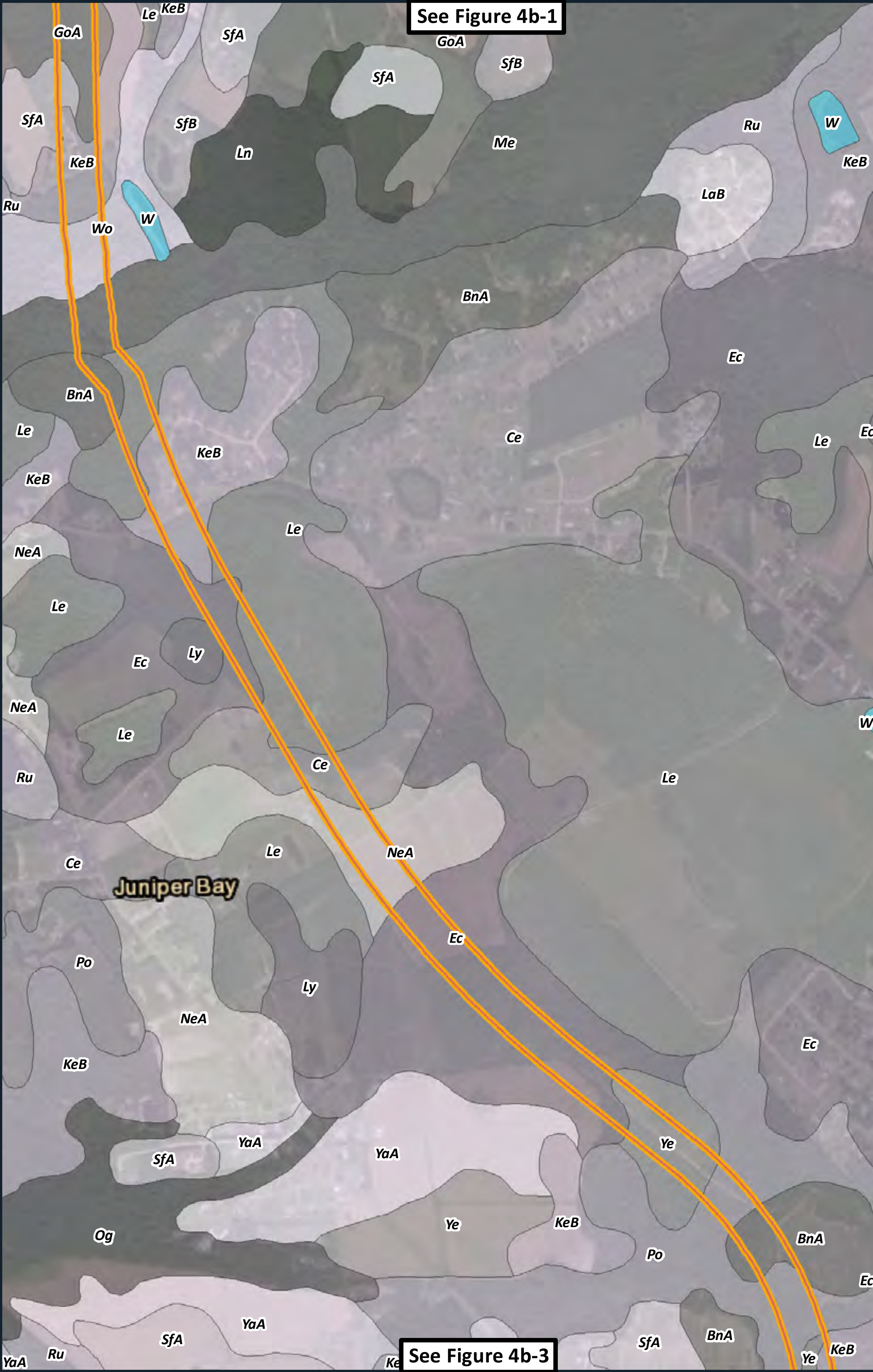
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

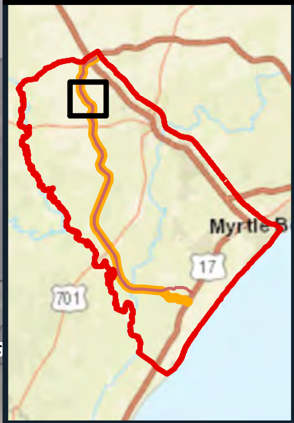
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-1 ALTERNATIVES 3 & 4 SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

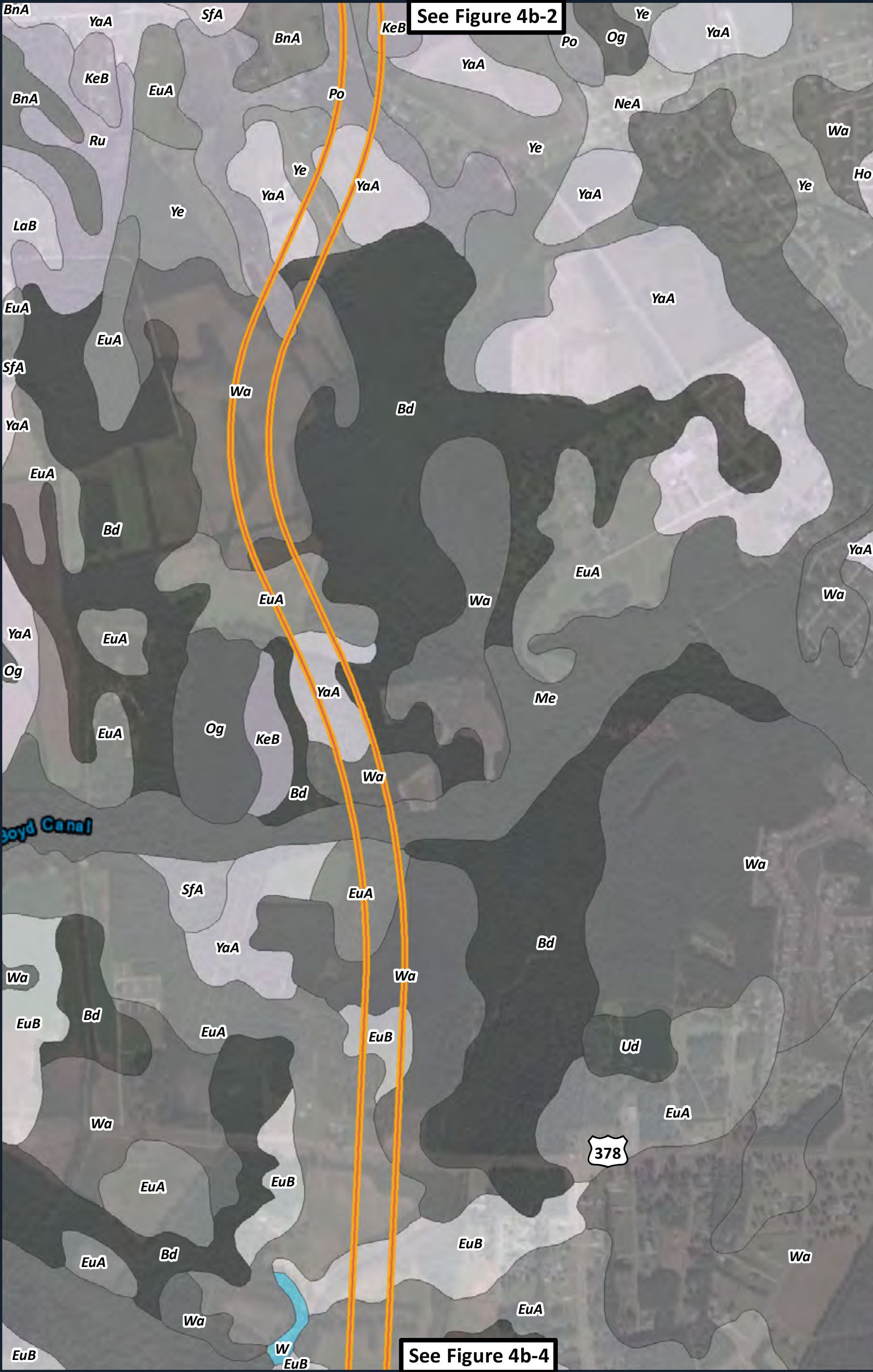
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

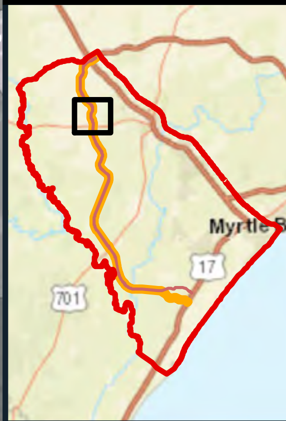
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-2
ALTERNATIVES 3 & 4
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

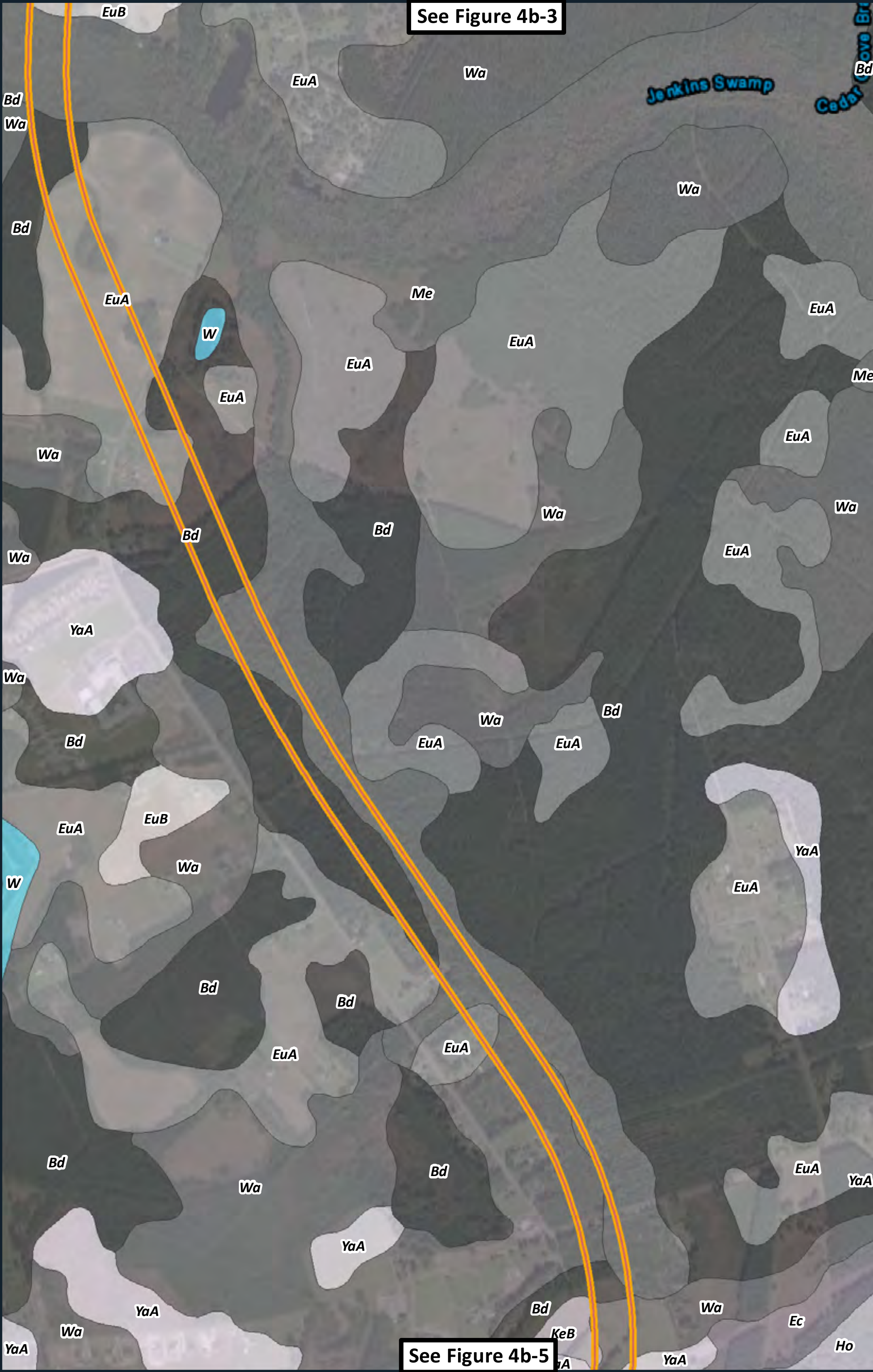
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

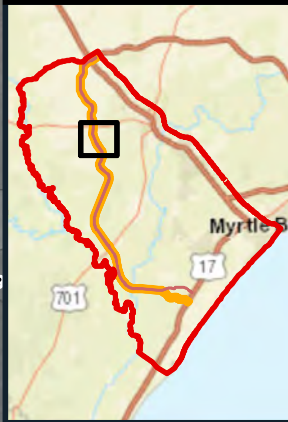
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-3
ALTERNATIVES 3 & 4
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

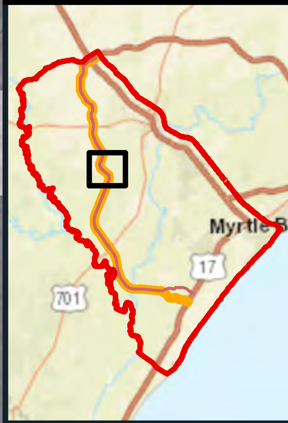
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-4
ALTERNATIVES 3 & 4
SOILS MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

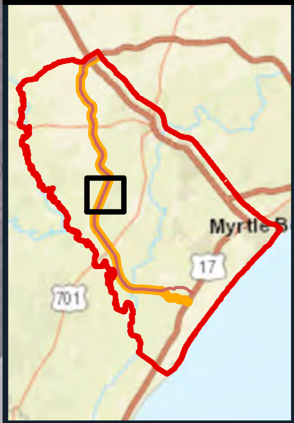
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-5
ALTERNATIVES 3 & 4
SOILS MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

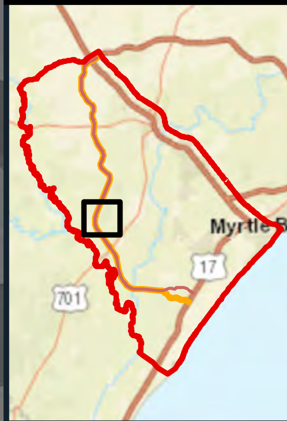
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-6
ALTERNATIVES 3 & 4
SOILS MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

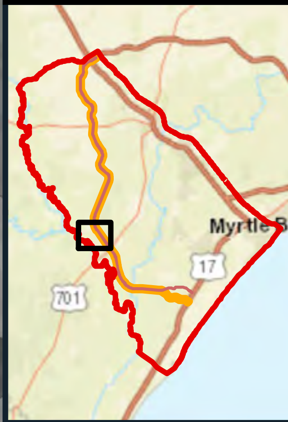
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-7
ALTERNATIVES 3 & 4
SOILS MAP

11/2022



1 inch = 0.24 miles

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Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

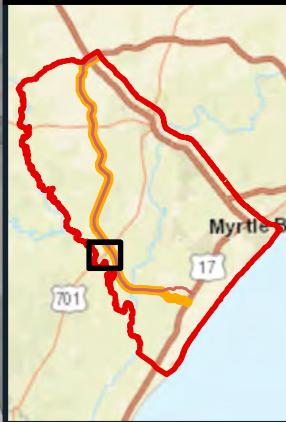
- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-8 ALTERNATIVES 3 & 4 SOILS MAP

11/2022

See Figure 4b-8

See Figure 4b-10



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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

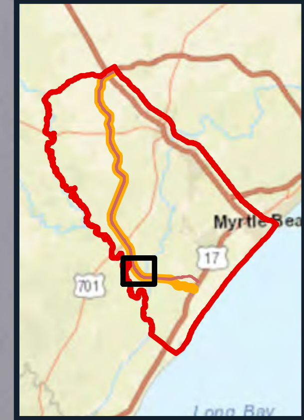
Figure 4b-9
ALTERNATIVES 3 & 4
SOILS MAP

11/2022

See Figure 4b-9

See Figure 4b-11

Horry County
RIDE3
SCDOT



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Miles

@ 8.5 x 11 inches

N

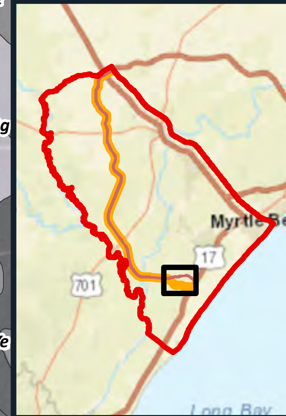
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-10
ALTERNATIVES 3 & 4
SOILS MAP

11/2022



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Miles

@ 8.5 x 11 inches

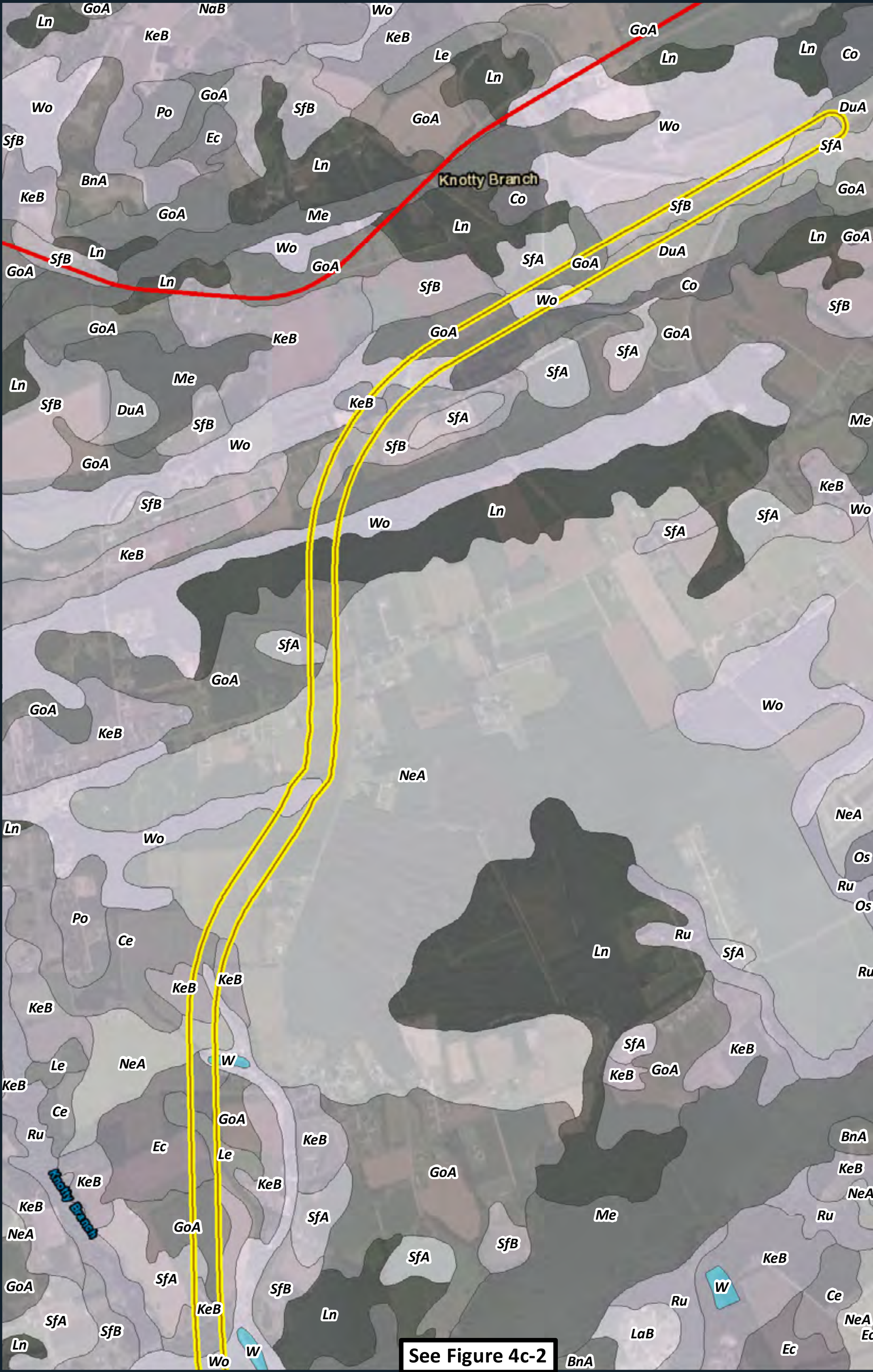
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

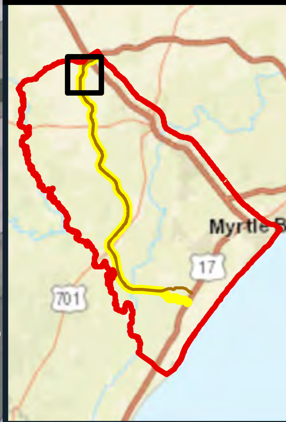
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 4b-11
ALTERNATIVES 3 & 4
SOILS MAP

11/2022





1 inch = 0.35 miles

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Miles

@ 8.5 x 11 inches

N

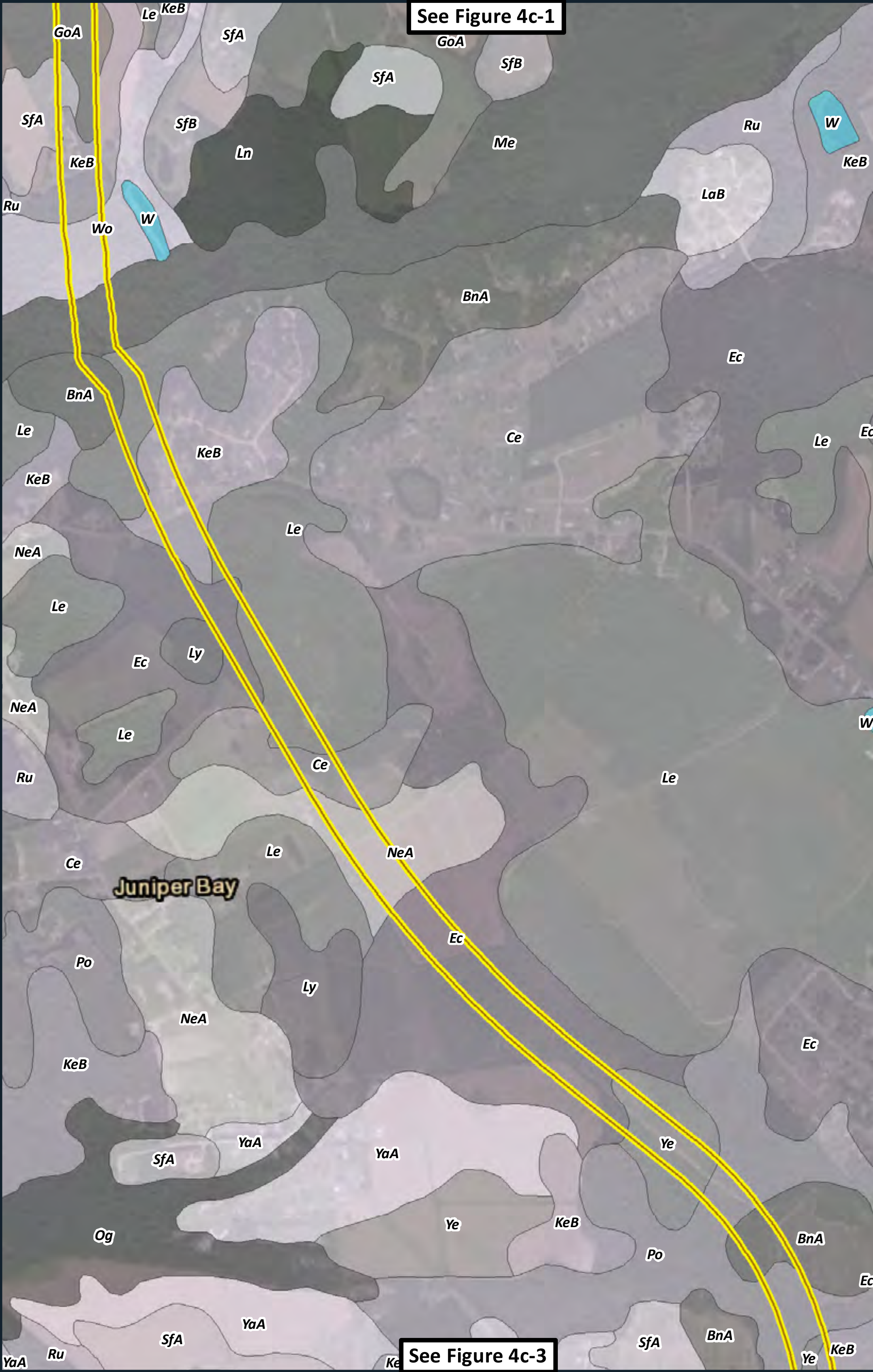
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

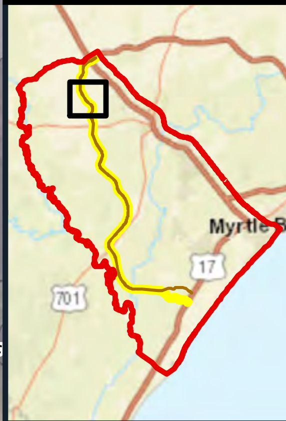
- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-1
ALTERNATIVES 5 & 6 SOILS MAP

11/2022



Horry County
Committed to Excellence
RIDE3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

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Miles

@ 8.5 x 11 inches

N

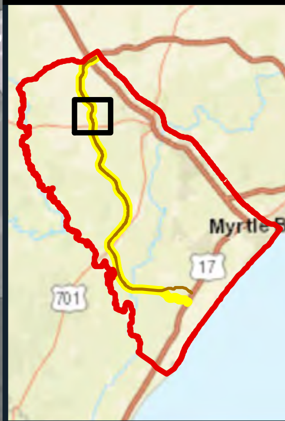
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-2
ALTERNATIVES 5 & 6
SOILS MAP

11/2022



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Miles

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N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

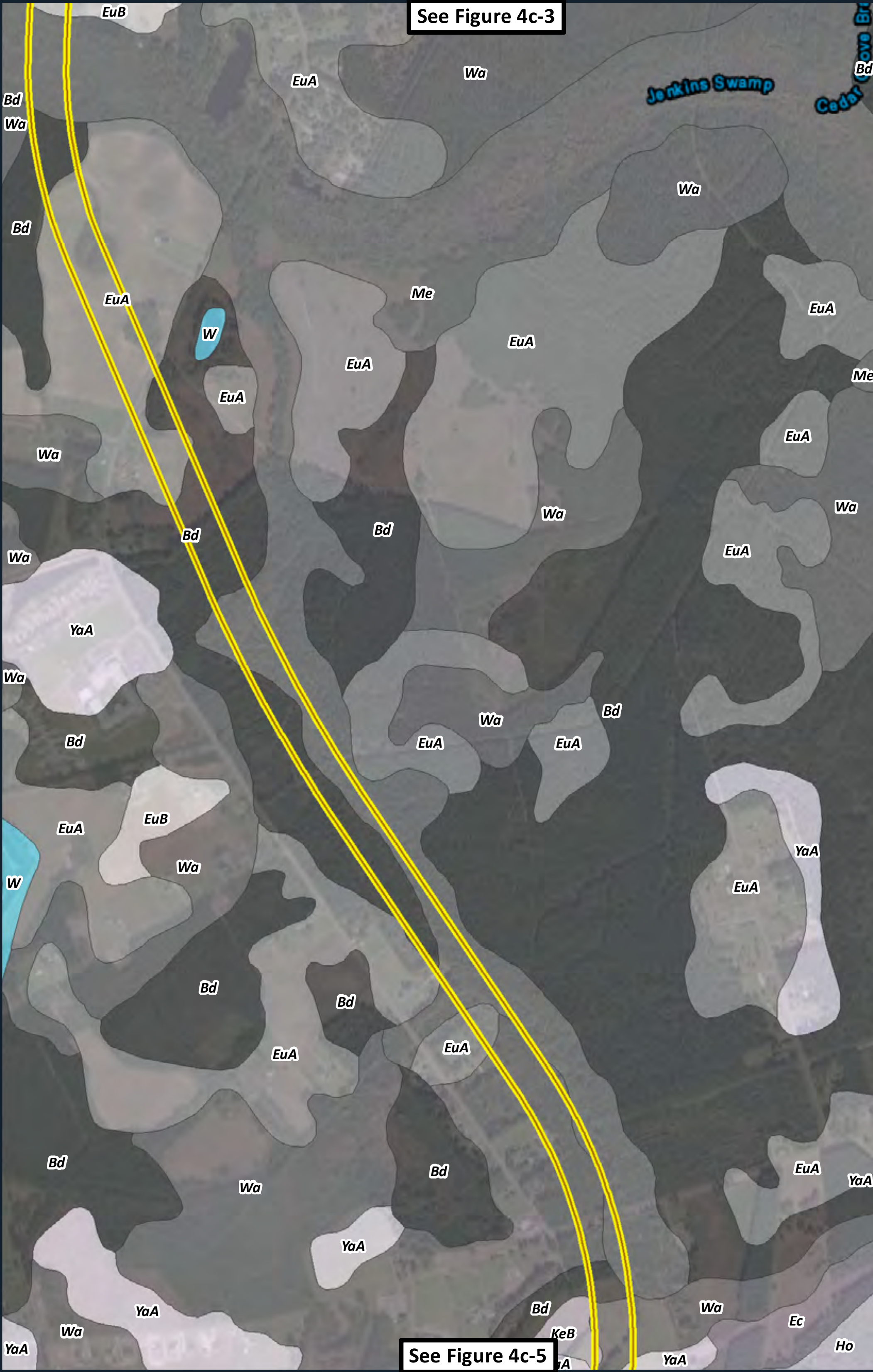
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-3
ALTERNATIVES 5 & 6 SOILS MAP

11/2022

See Figure 4c-3

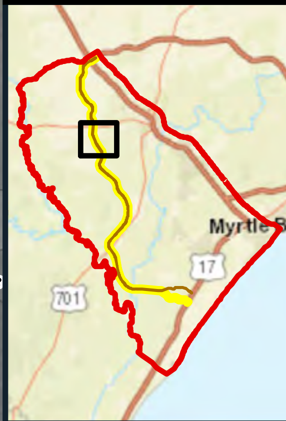


See Figure 4c-5

Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation



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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

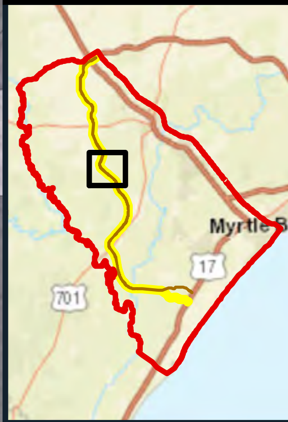
- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-4
ALTERNATIVES 5 & 6
SOILS MAP

11/2022

See Figure 4c-4

See Figure 4c-6



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Miles

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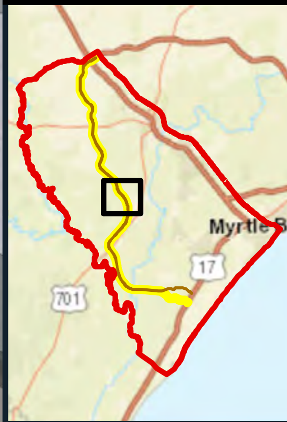
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-5
ALTERNATIVES 5 & 6
SOILS MAP

11/2022



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Miles

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Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-6
ALTERNATIVES 5 & 6
SOILS MAP

11/2022

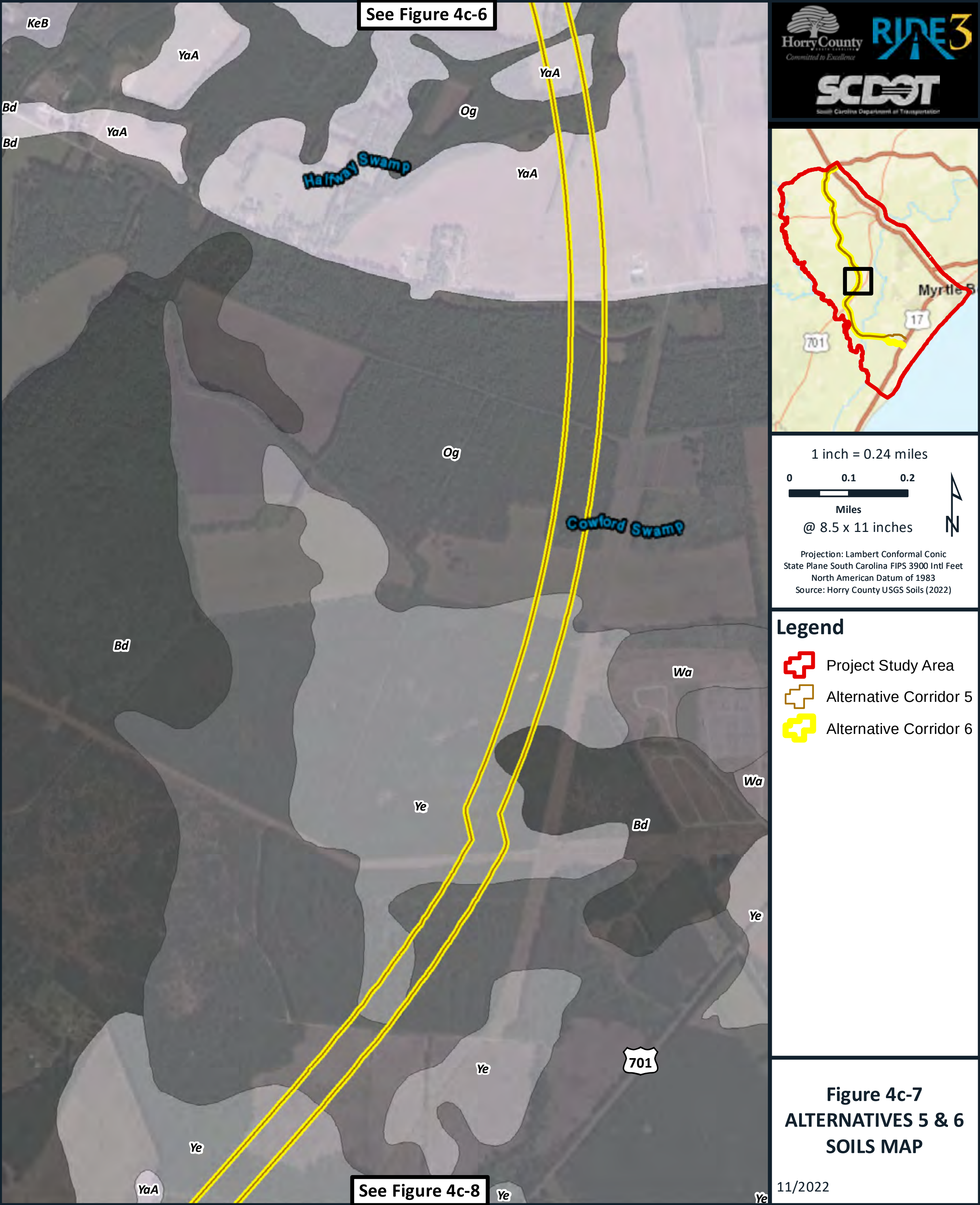
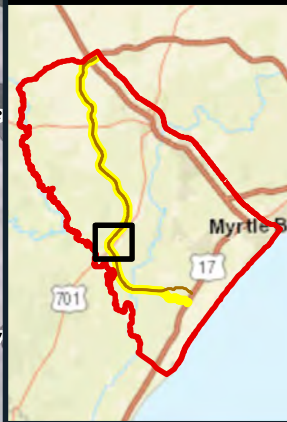


Figure 4c-7
ALTERNATIVES 5 & 6
SOILS MAP

11/2022



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Miles

@ 8.5 x 11 inches

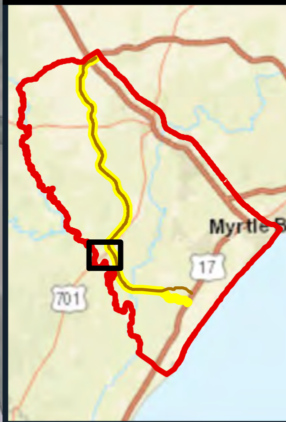
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-8
ALTERNATIVES 5 & 6
SOILS MAP

11/2022



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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-9
ALTERNATIVES 5 & 6
SOILS MAP

11/2022

See Figure 4c-9

See Figure 4c-11

Horry County
RIDE3
SCDOT

1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 4c-10
ALTERNATIVES 5 & 6
SOILS MAP

11/2022

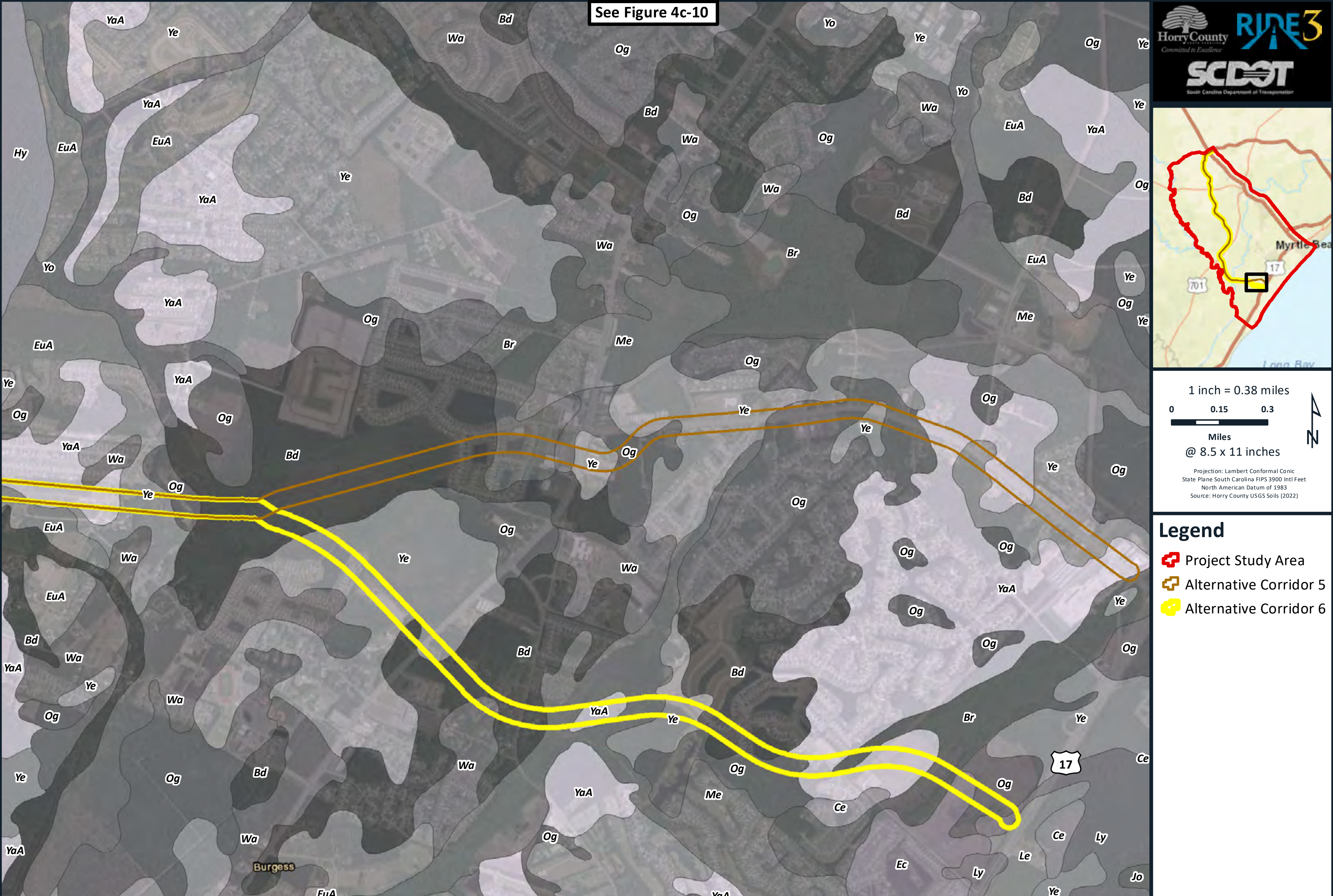
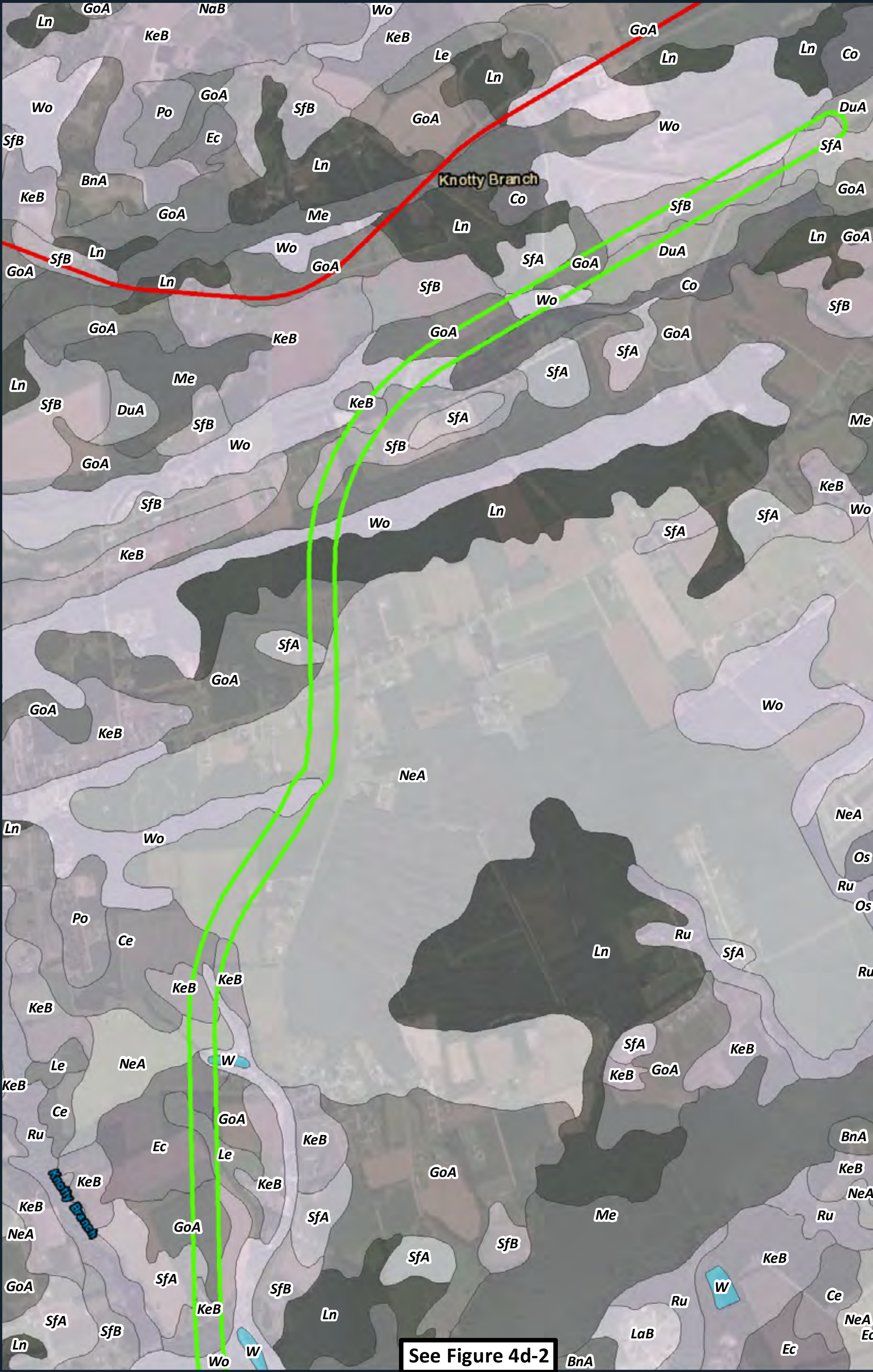
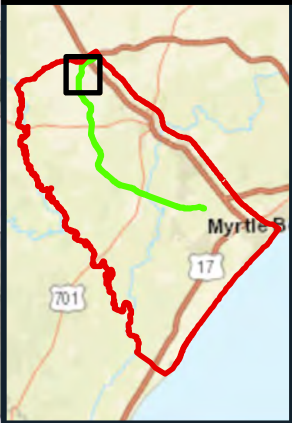


Figure 4c-11
ALTERNATIVES 5 & 6
SOILS MAP

11/2022





1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

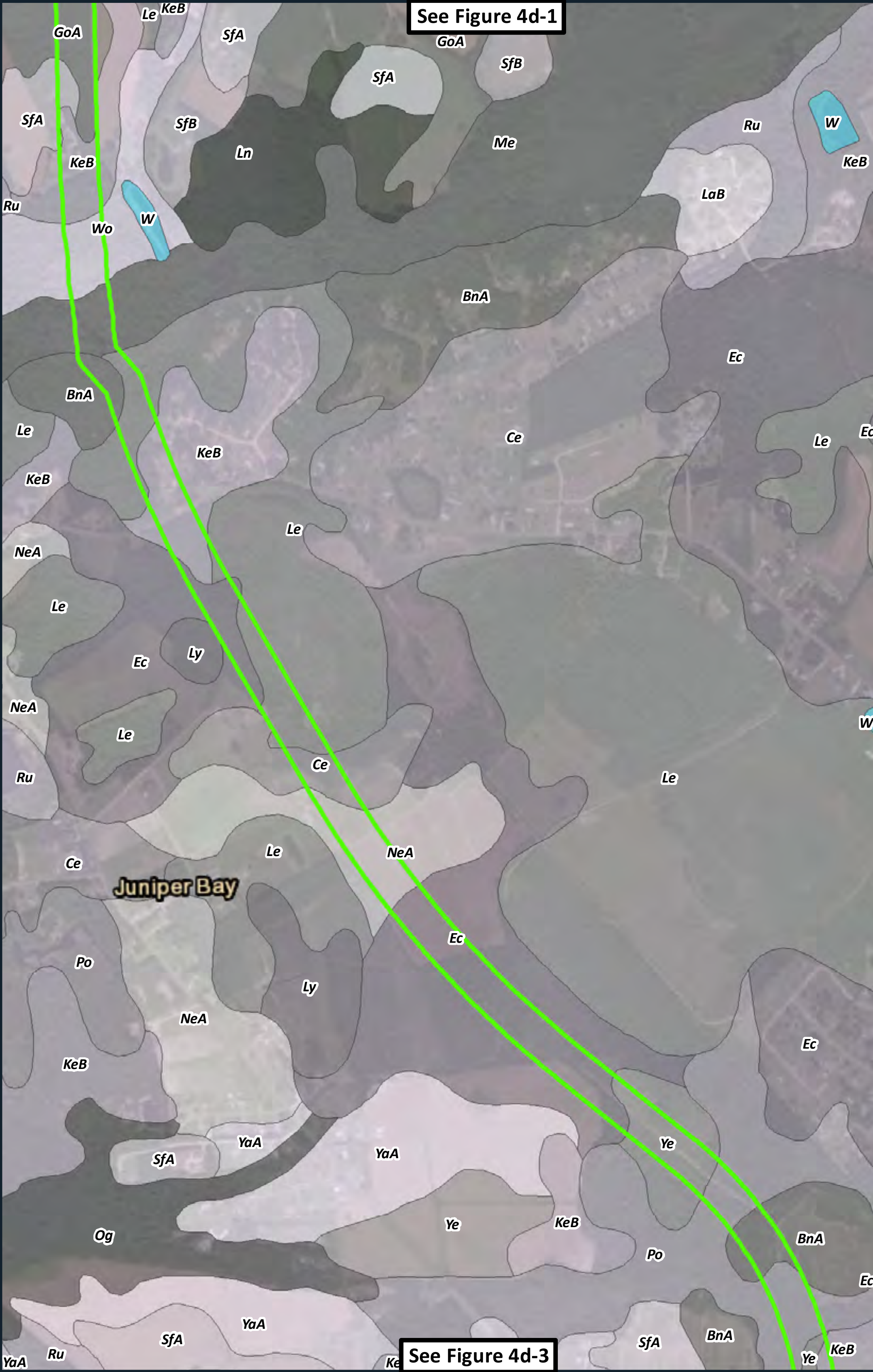
Project Study Area

Alternative Corridor 7

Figure 4d-1
ALTERNATIVE 7
SOILS MAP

11/2022

See Figure 4d-1

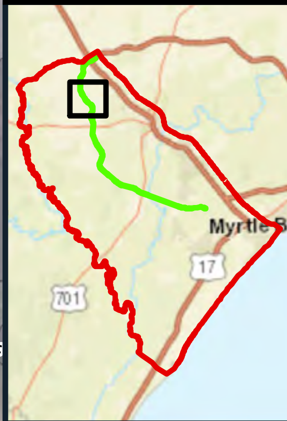


See Figure 4d-3

Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

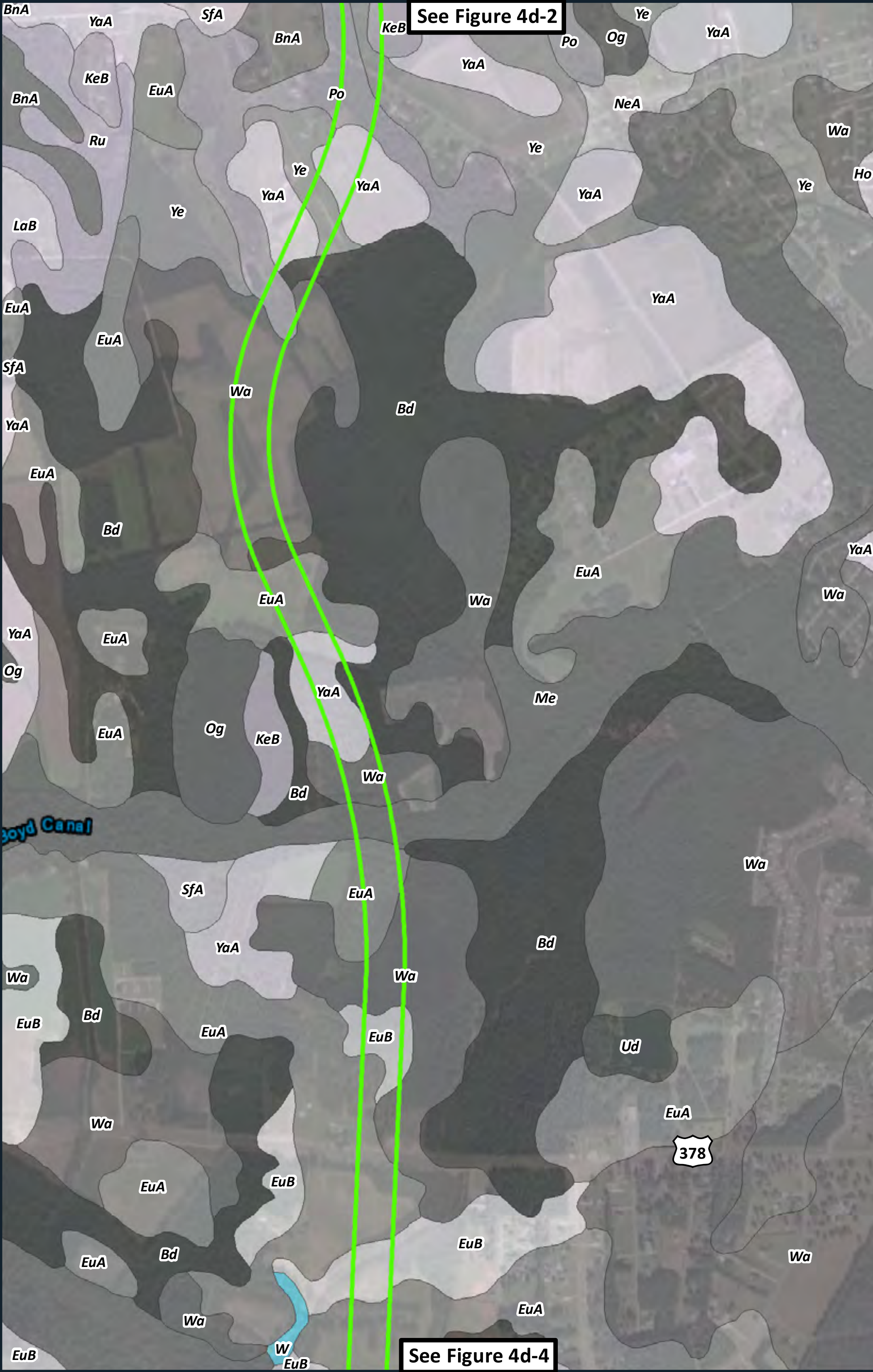
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

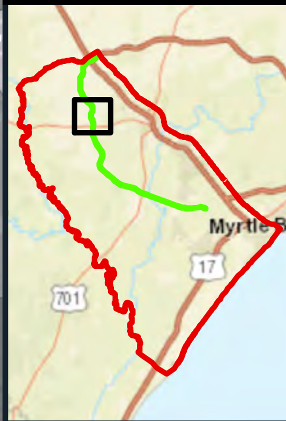
Legend

- Project Study Area
- Alternative Corridor 7

Figure 4d-2
ALTERNATIVE 7
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

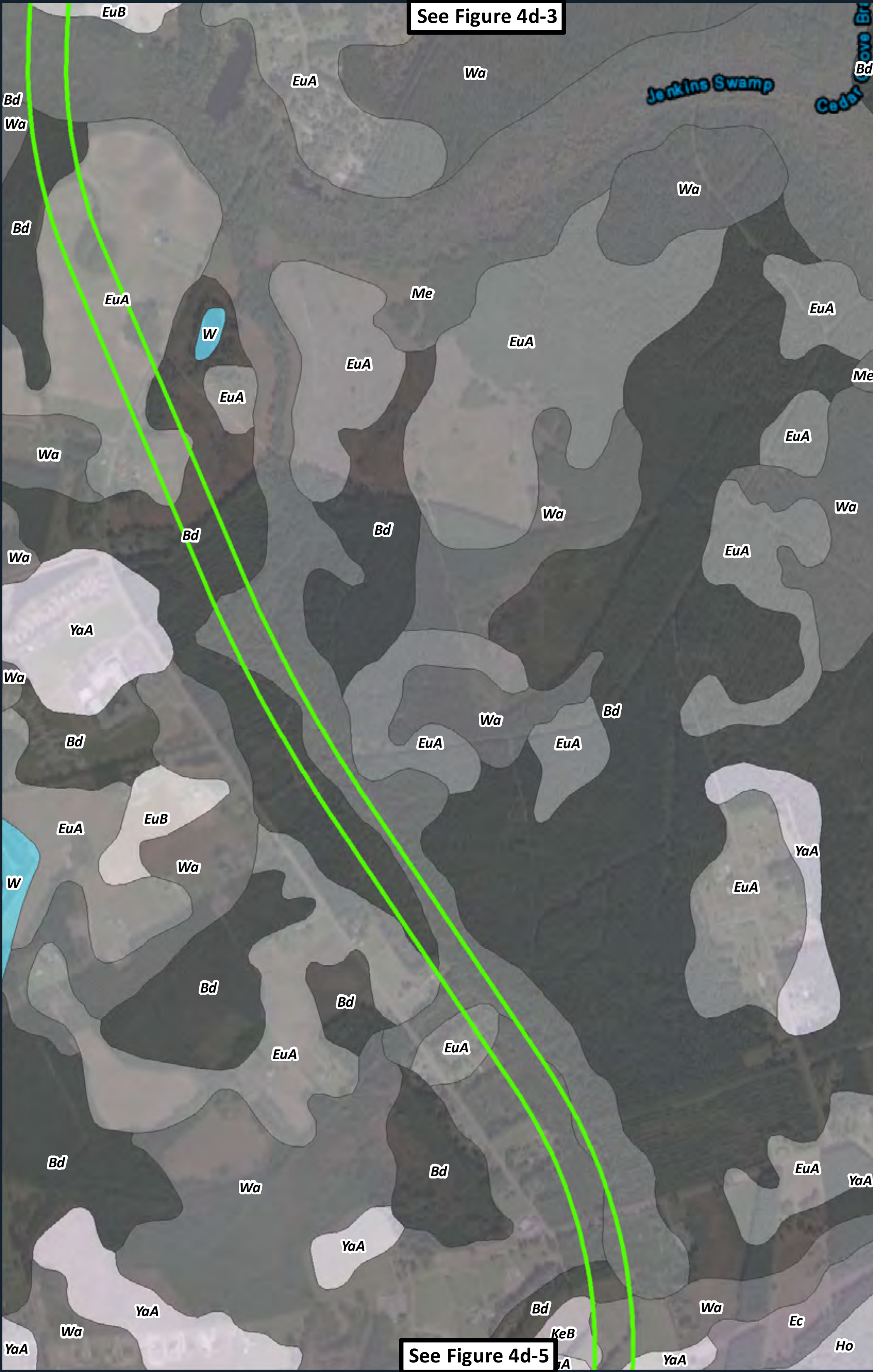
Legend

- Project Study Area
- Alternative Corridor 7

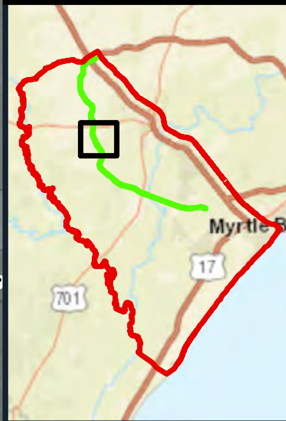
Figure 4d-3
ALTERNATIVE 7
SOILS MAP

11/2022

See Figure 4d-3



See Figure 4d-5



1 inch = 0.24 miles

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N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

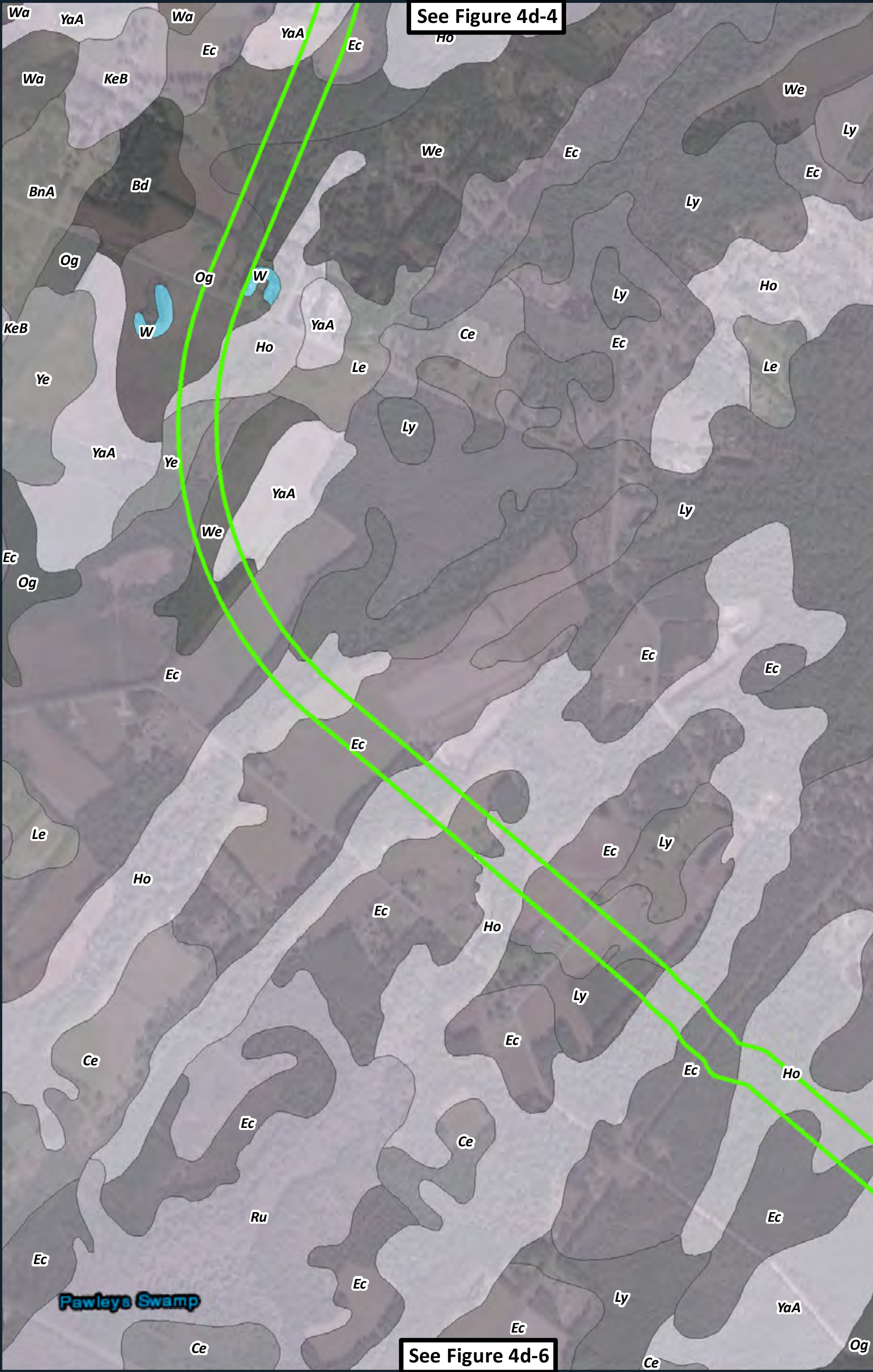
Legend

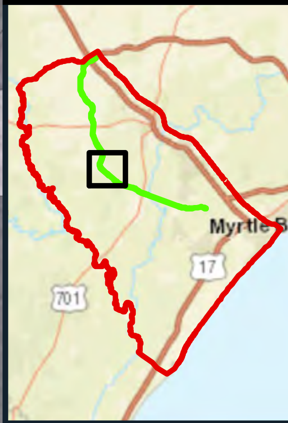
Project Study Area

Alternative Corridor 7

Figure 4d-4
ALTERNATIVE 7
SOILS MAP

11/2022





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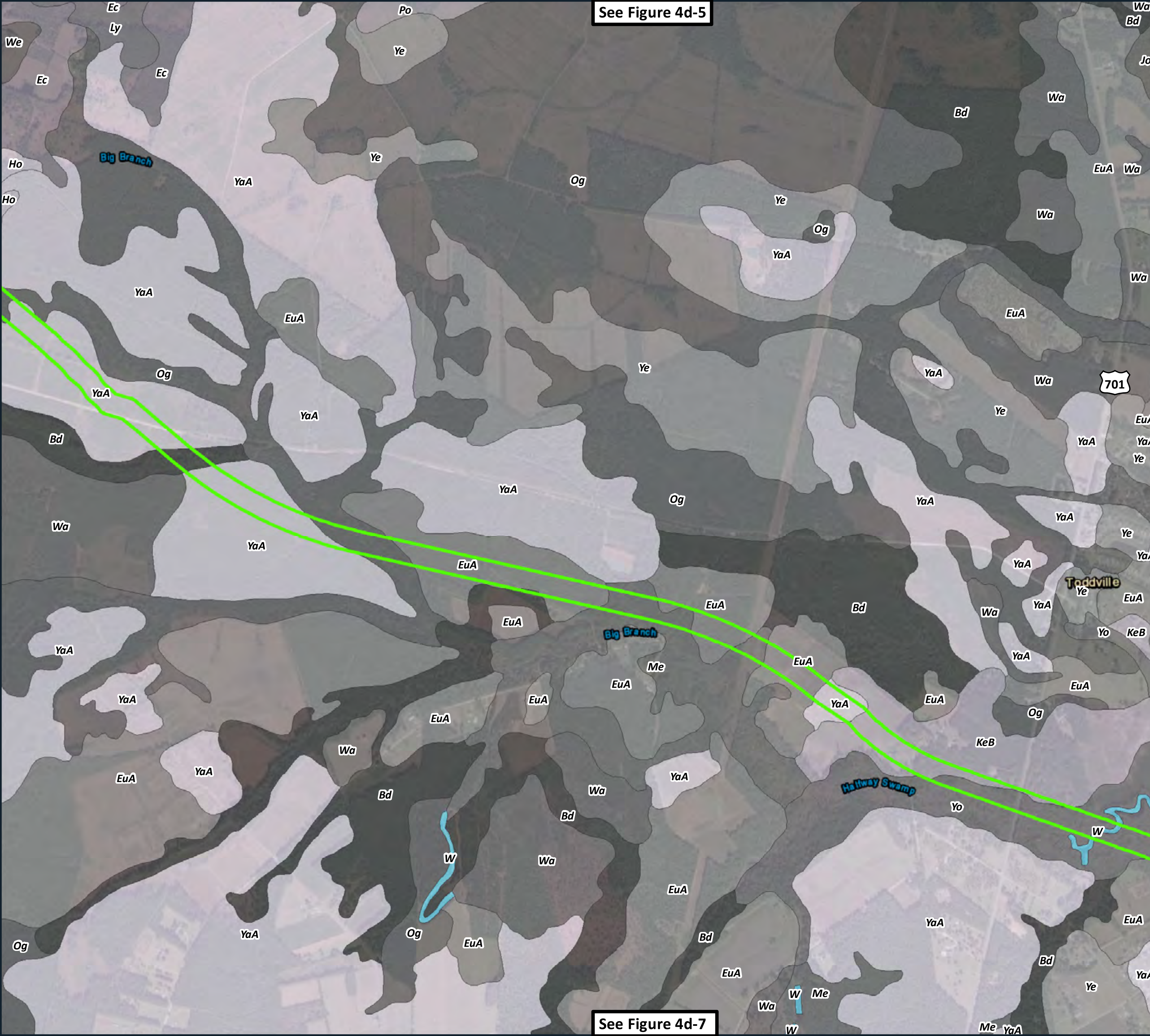
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

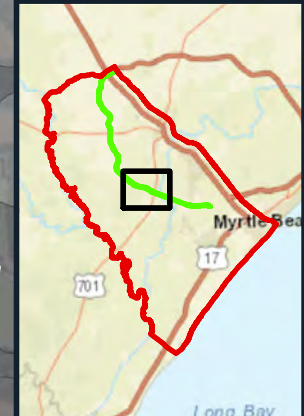
Legend

- Project Study Area
- Alternative Corridor 7

Figure 4d-5
ALTERNATIVE 7
SOILS MAP

11/2022





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Miles

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N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

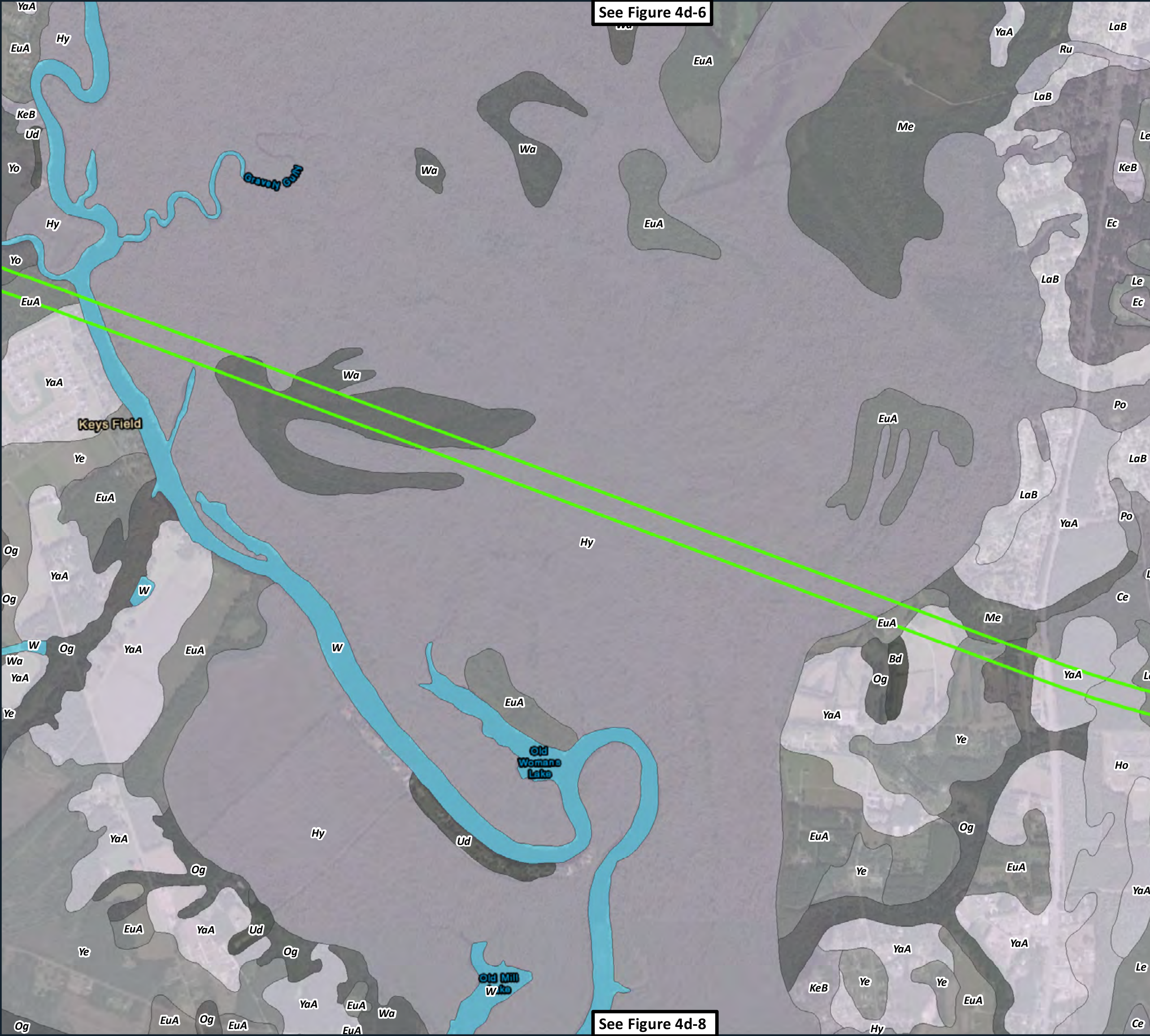
Legend

- Project Study Area
- Alternative Corridor 7

Figure 4d-6
ALTERNATIVE 7
SOILS MAP

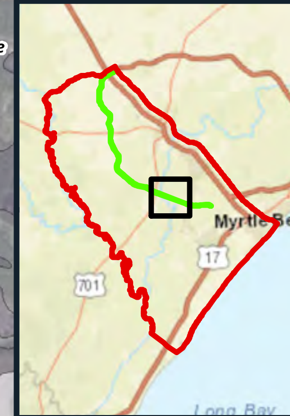
11/2022

See Figure 4d-6



See Figure 4d-8

Horry County
RIDE3
SCDOT



1 inch = 0.32 miles

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Miles

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N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 7

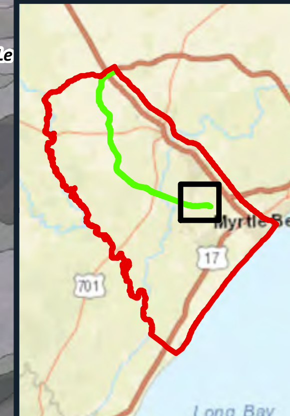
Figure 4d-7
ALTERNATIVE 7
SOILS MAP

11/2022

Horry County
Committed to Excellence

RIDE 3

SCDOT
South Carolina Department of Transportation



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Miles

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N

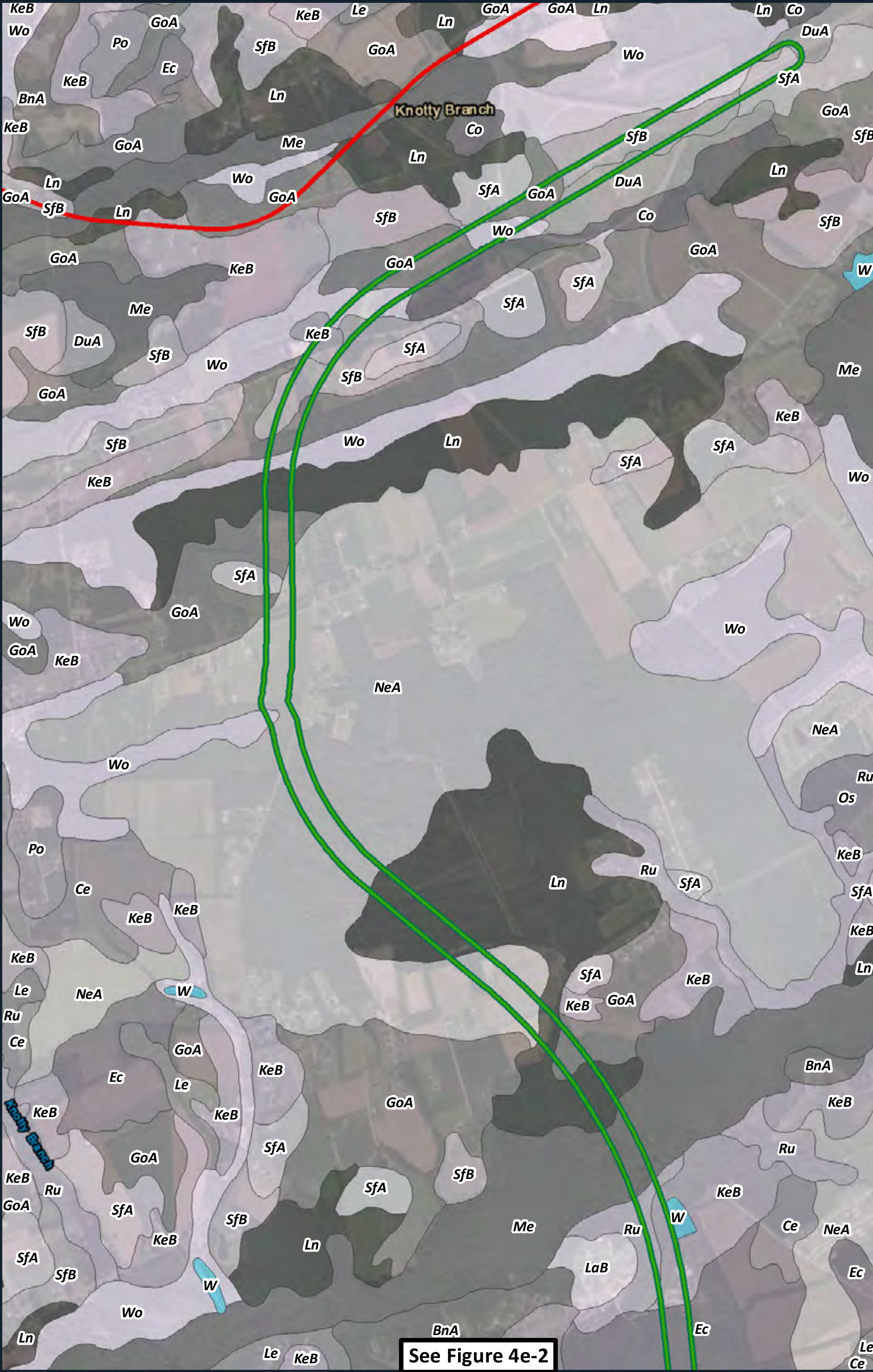
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 7

Figure 4d-8
ALTERNATIVE 7
SOILS MAP

11/2022



See Figure 4e-2

Horry County
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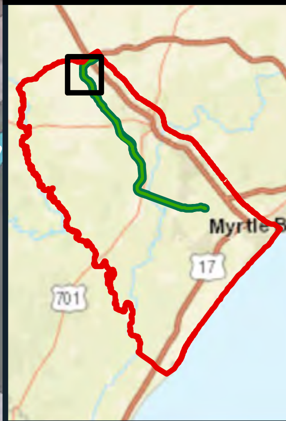
RIDE3

SCDOT
South Carolina Department of Transportation



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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 4e-1
ALTERNATIVES 8 & 9
SOILS MAP

11/2022

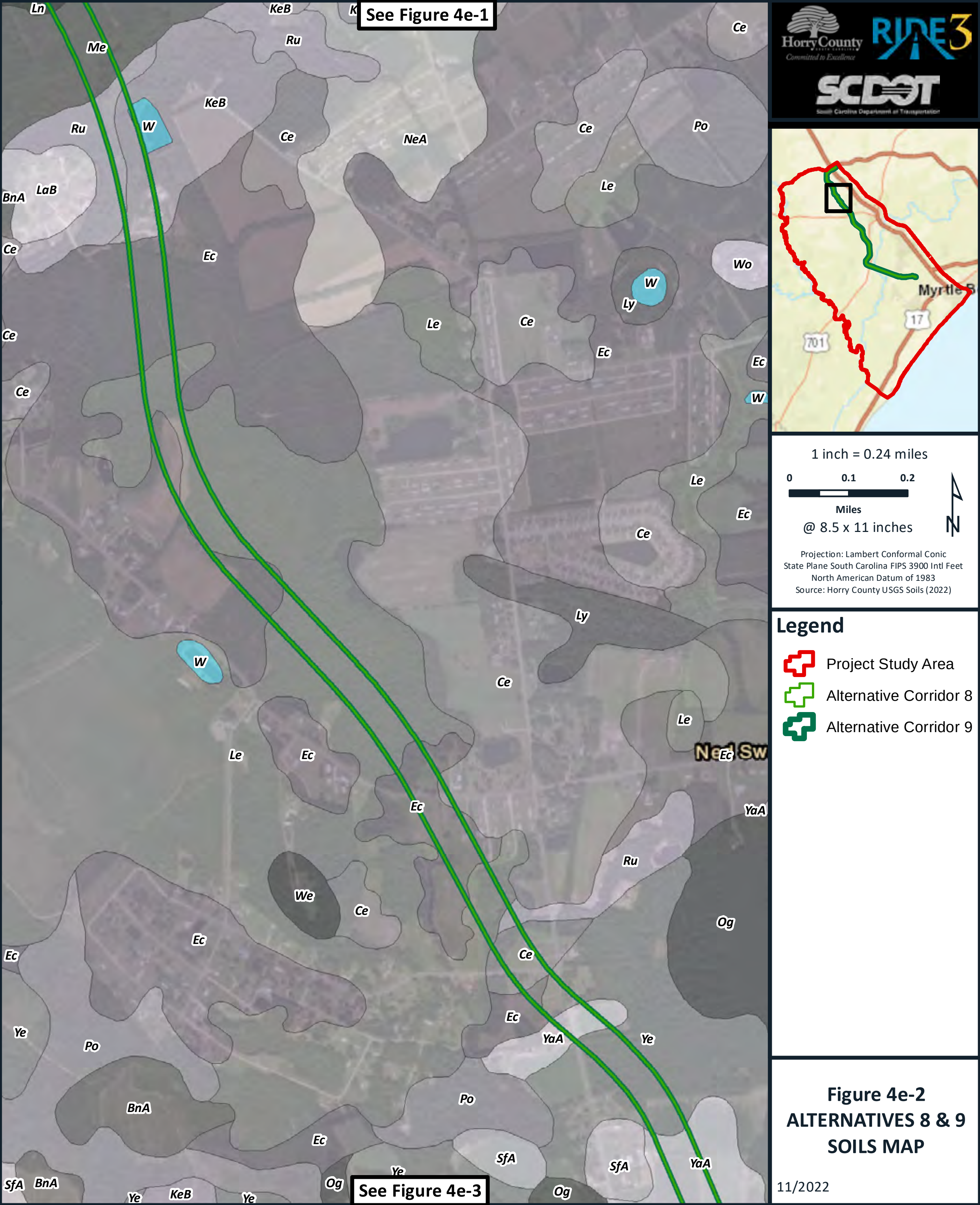
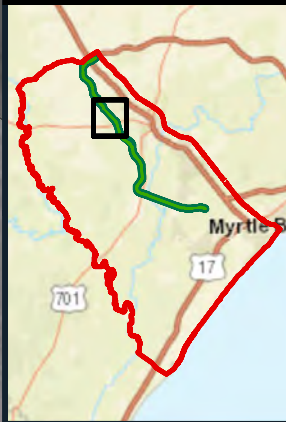


Figure 4e-2
ALTERNATIVES 8 & 9
SOILS MAP

11/2022

See Figure 4e-2

See Figure 4e-4



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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

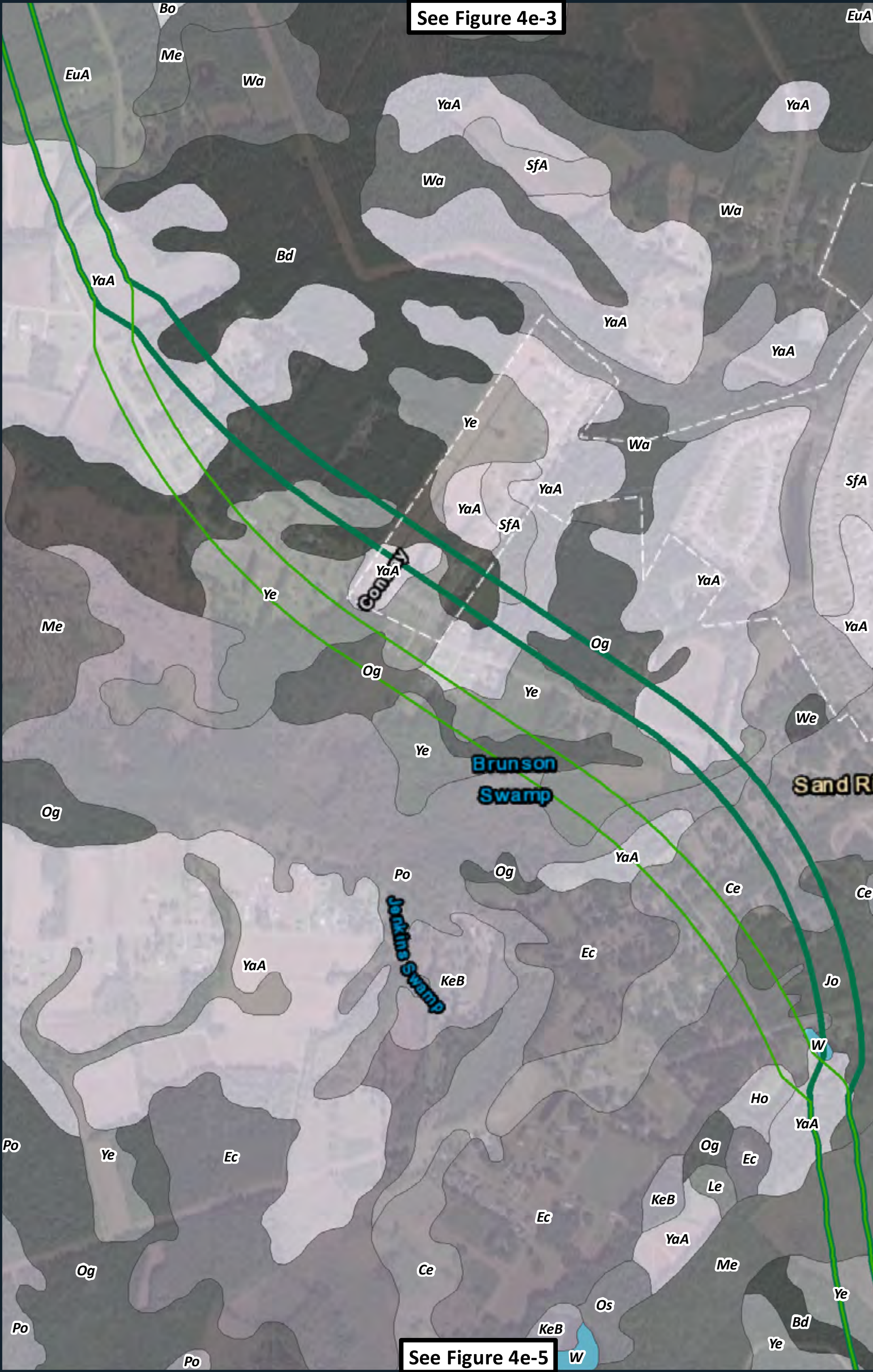
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

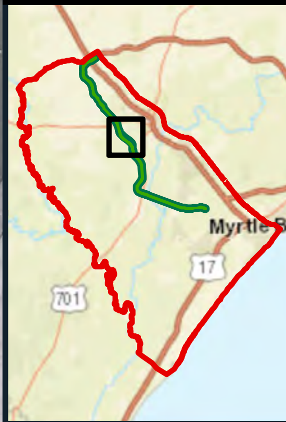
Figure 4e-3
ALTERNATIVES 8 & 9
SOILS MAP

11/2022

See Figure 4e-3



See Figure 4e-5



1 inch = 0.24 miles

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Miles

@ 8.5 x 11 inches

N

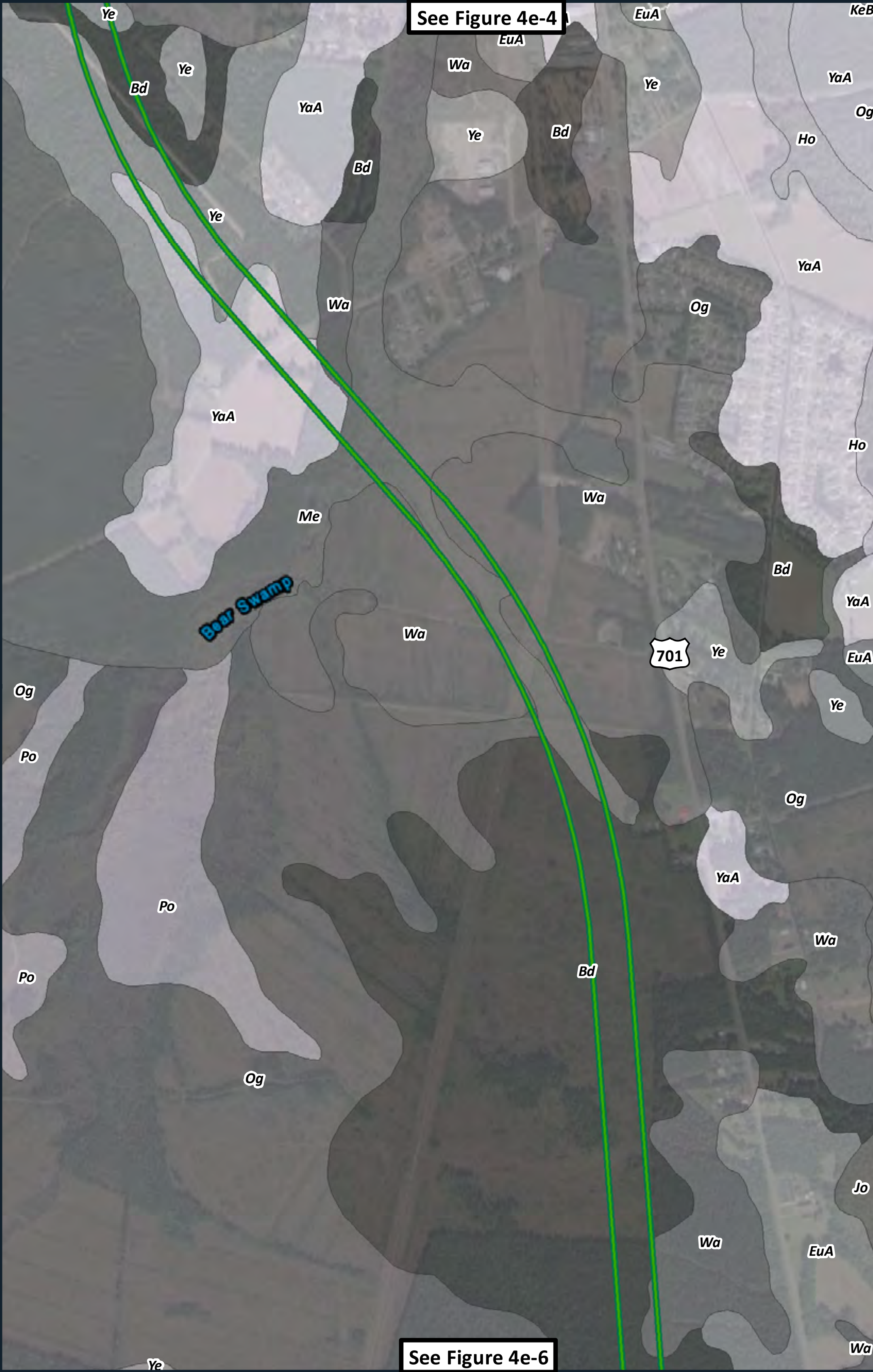
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

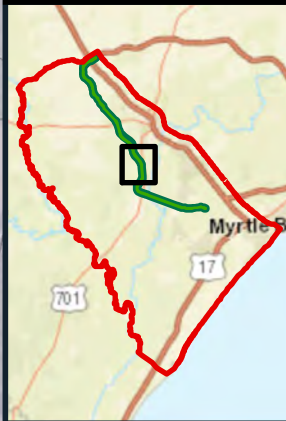
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 4e-4
ALTERNATIVES 8 & 9
SOILS MAP

11/2022





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Miles

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Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 4e-5
ALTERNATIVES 8 & 9
SOILS MAP

11/2022

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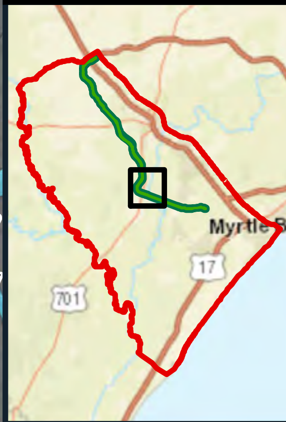
South Carolina Department of Transportation



1 inch = 0.24 miles

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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

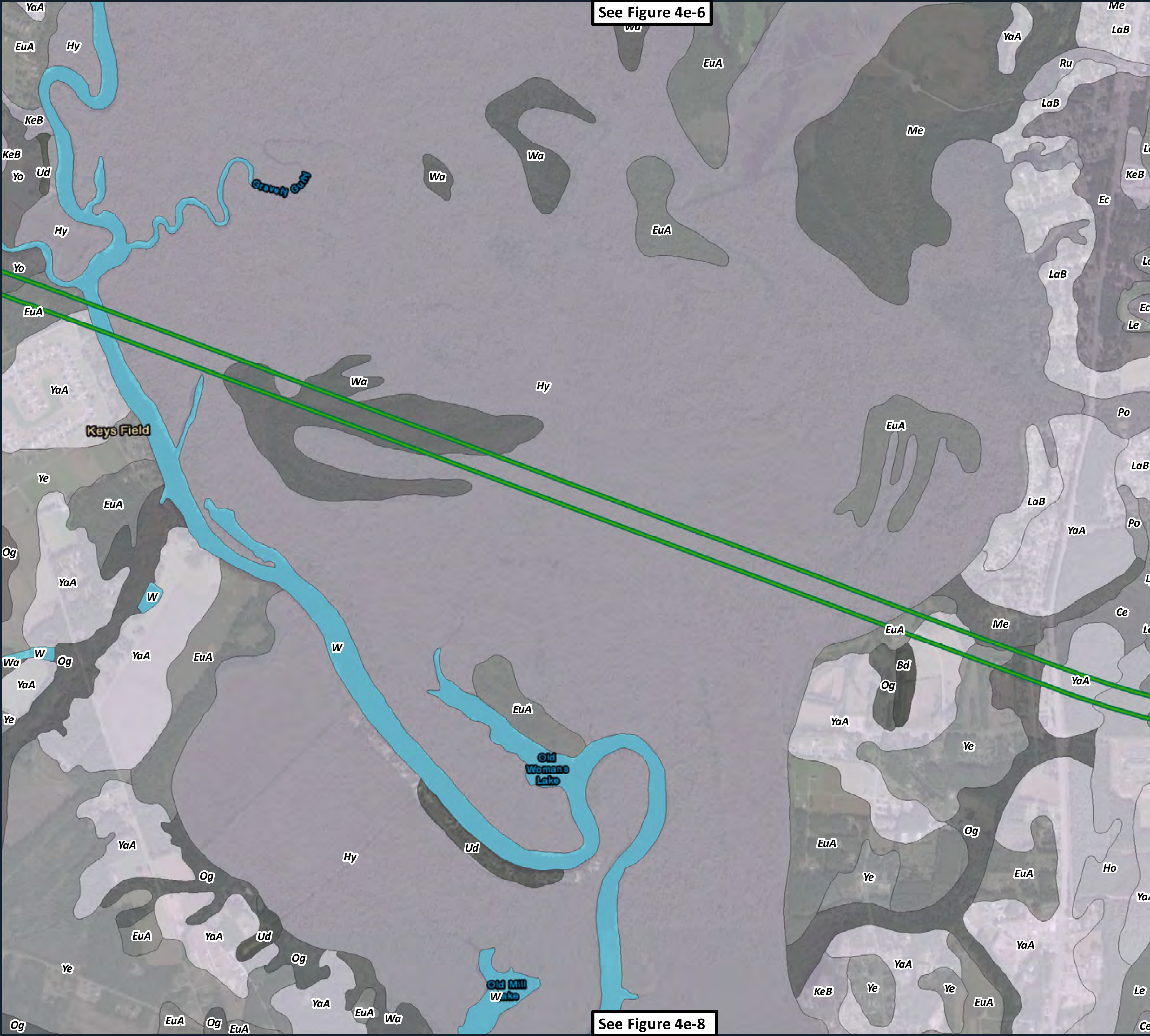
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 4e-6
ALTERNATIVES 8 & 9
SOILS MAP

11/2022

See Figure 4e-6



See Figure 4e-8

1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

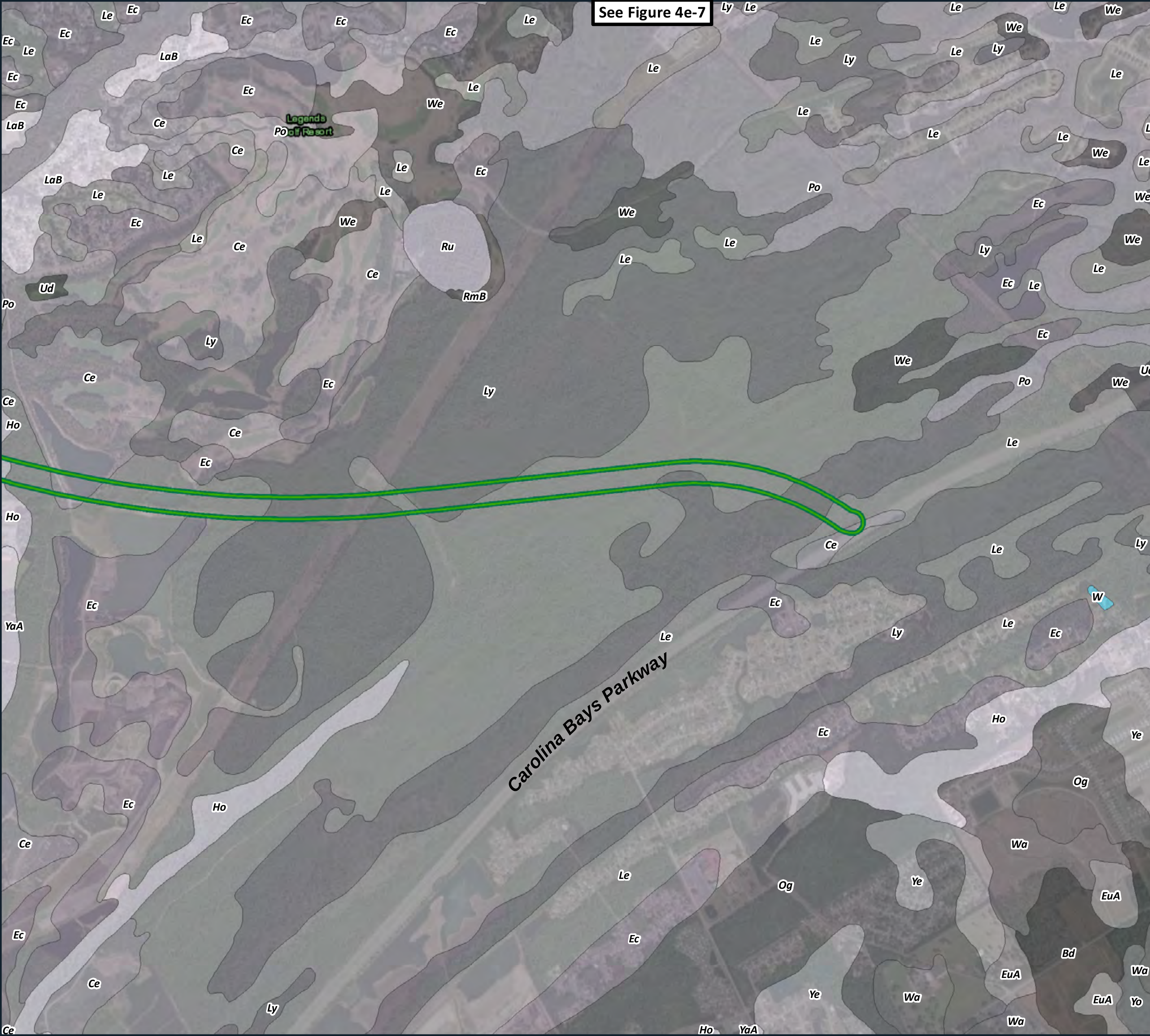
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

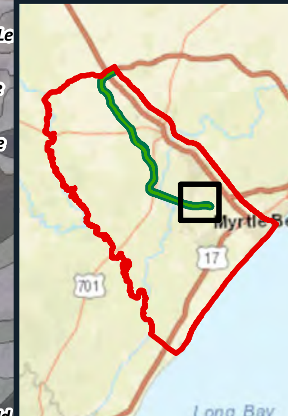
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 4e-7
ALTERNATIVES 8 & 9
SOILS MAP

11/2022





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Miles

@ 8.5 x 11 inches

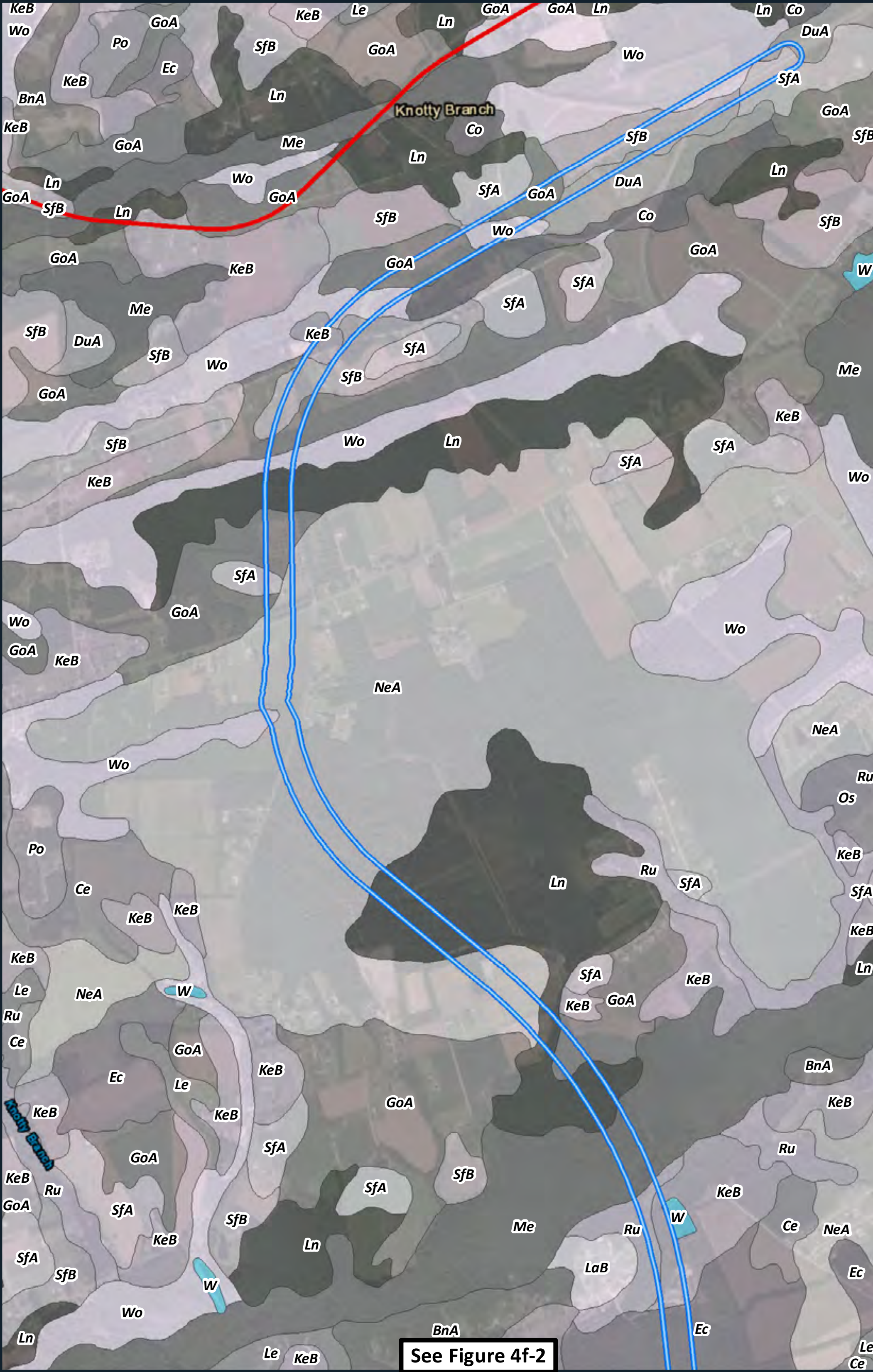
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

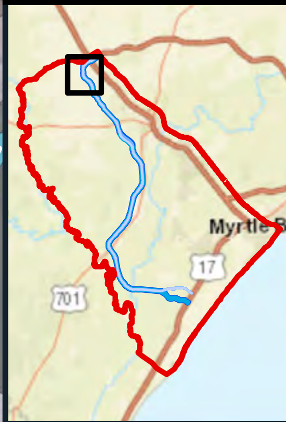
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 4e-8
ALTERNATIVES 8 & 9
SOILS MAP

11/2022





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Miles

@ 8.5 x 11 inches

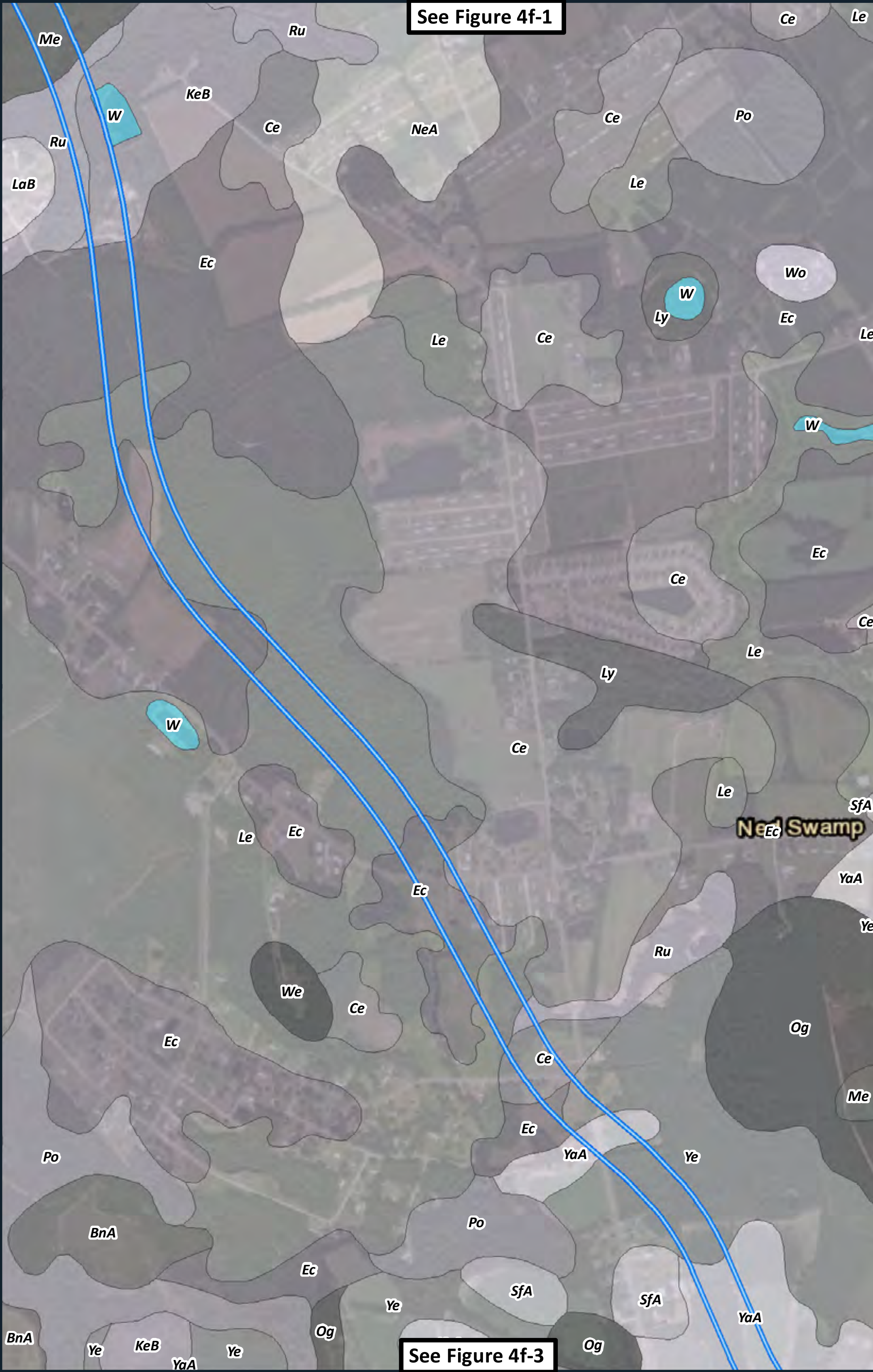
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

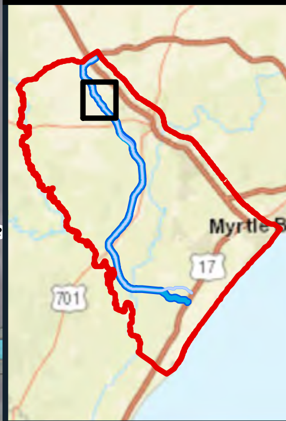
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-1
ALTERNATIVES 10 - 13
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

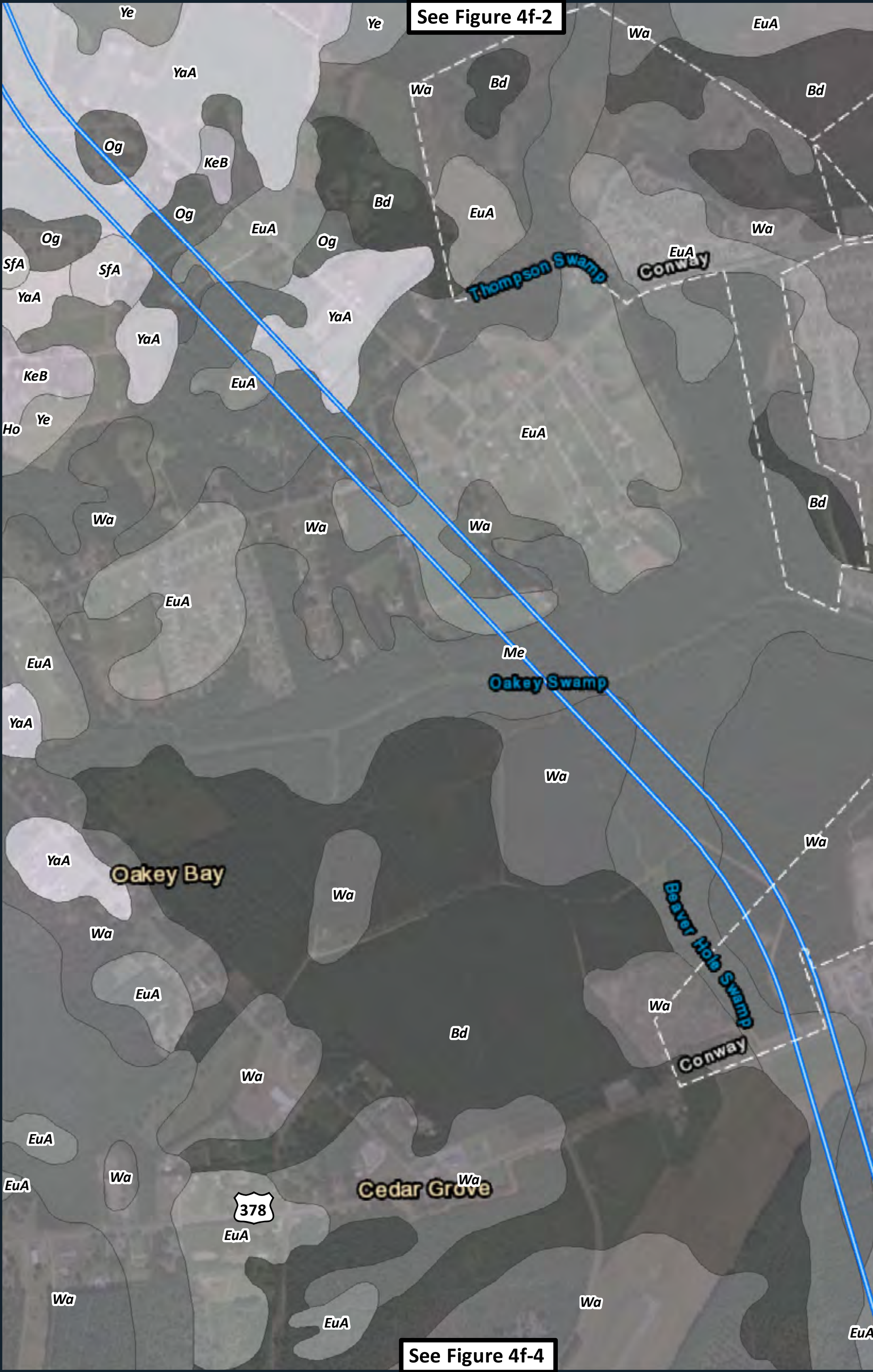
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

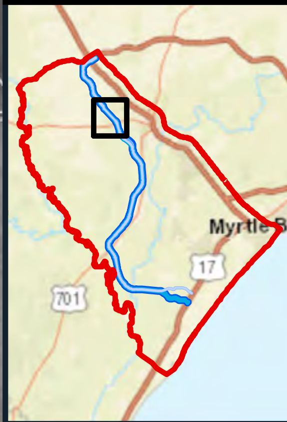
Figure 4f-2
ALTERNATIVES 10 - 13
SOILS MAP

11/2022

See Figure 4f-2



See Figure 4f-4



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Miles

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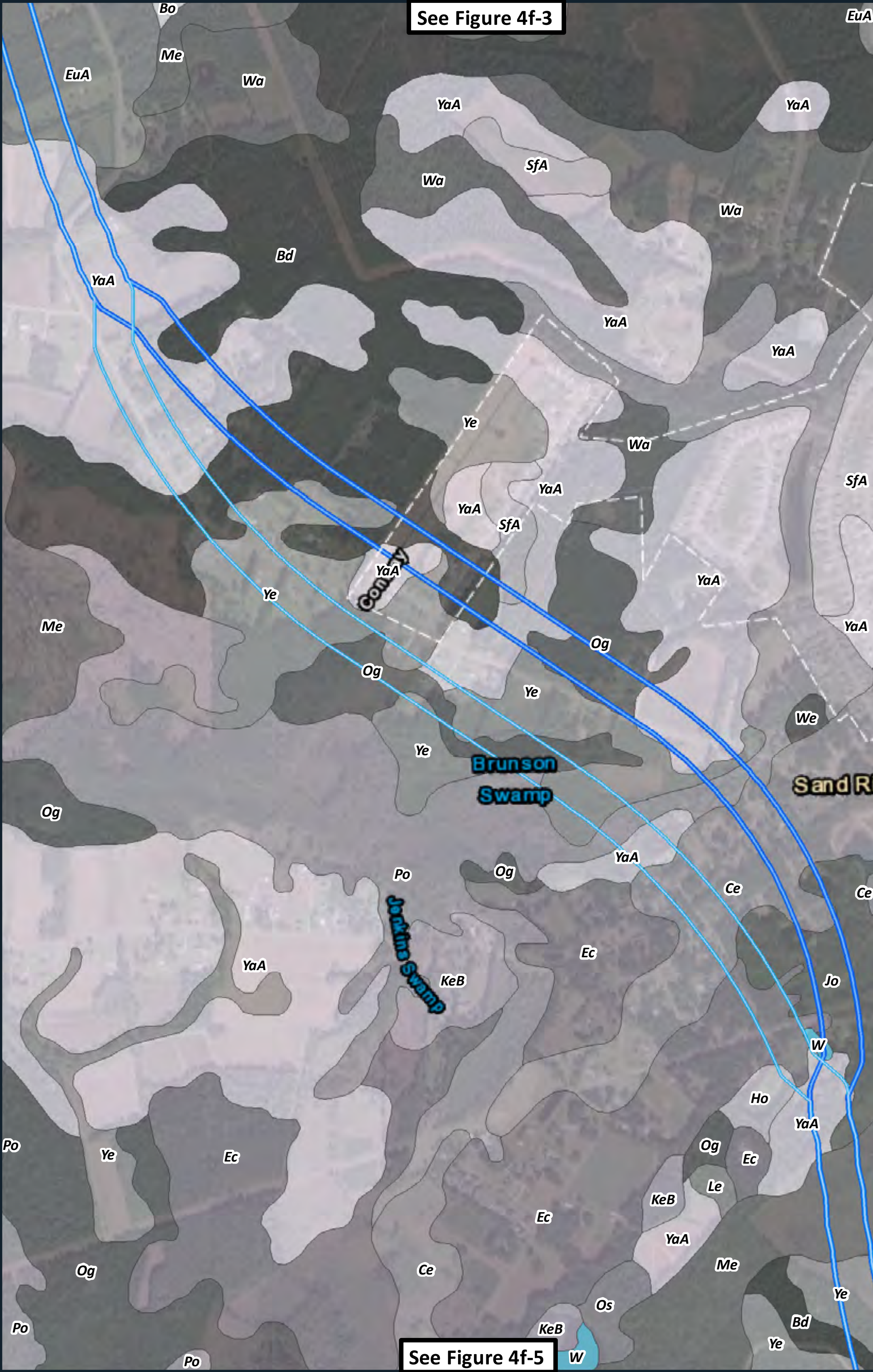
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

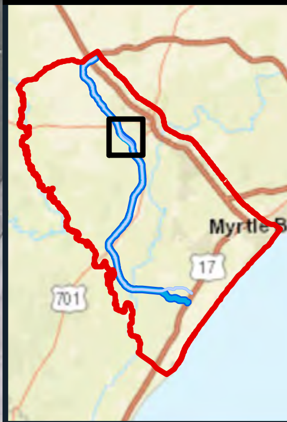
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-3
ALTERNATIVES 10 - 13
SOILS MAP

11/2022





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Miles

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Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-4
ALTERNATIVES 10 - 13
SOILS MAP

11/2022

See Figure 4f-4

See Figure 4f-6

Horry County
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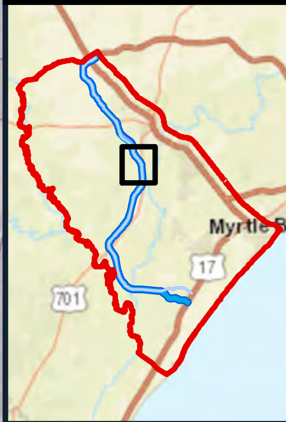

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Miles
@ 8.5 x 11 inches

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Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

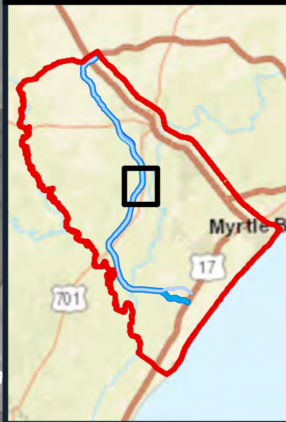
- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-5
ALTERNATIVES 10 - 13
SOILS MAP

11/2022

See Figure 4f-5

See Figure 4f-7



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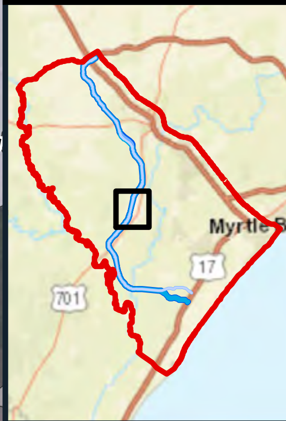
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-6
ALTERNATIVES 10 - 13
SOILS MAP

11/2022



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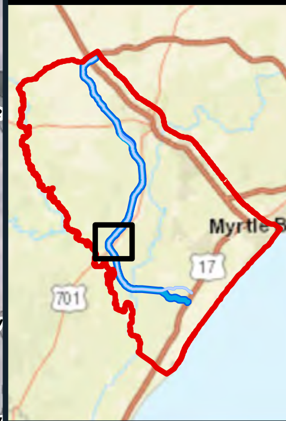
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-7
ALTERNATIVES 10 - 13
SOILS MAP

11/2022



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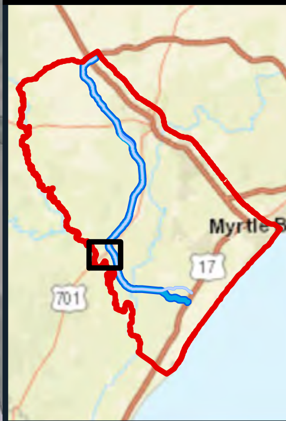
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-8
ALTERNATIVES 10 - 13
SOILS MAP

11/2022



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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 4f-9
ALTERNATIVES 10 - 13
SOILS MAP

11/2022

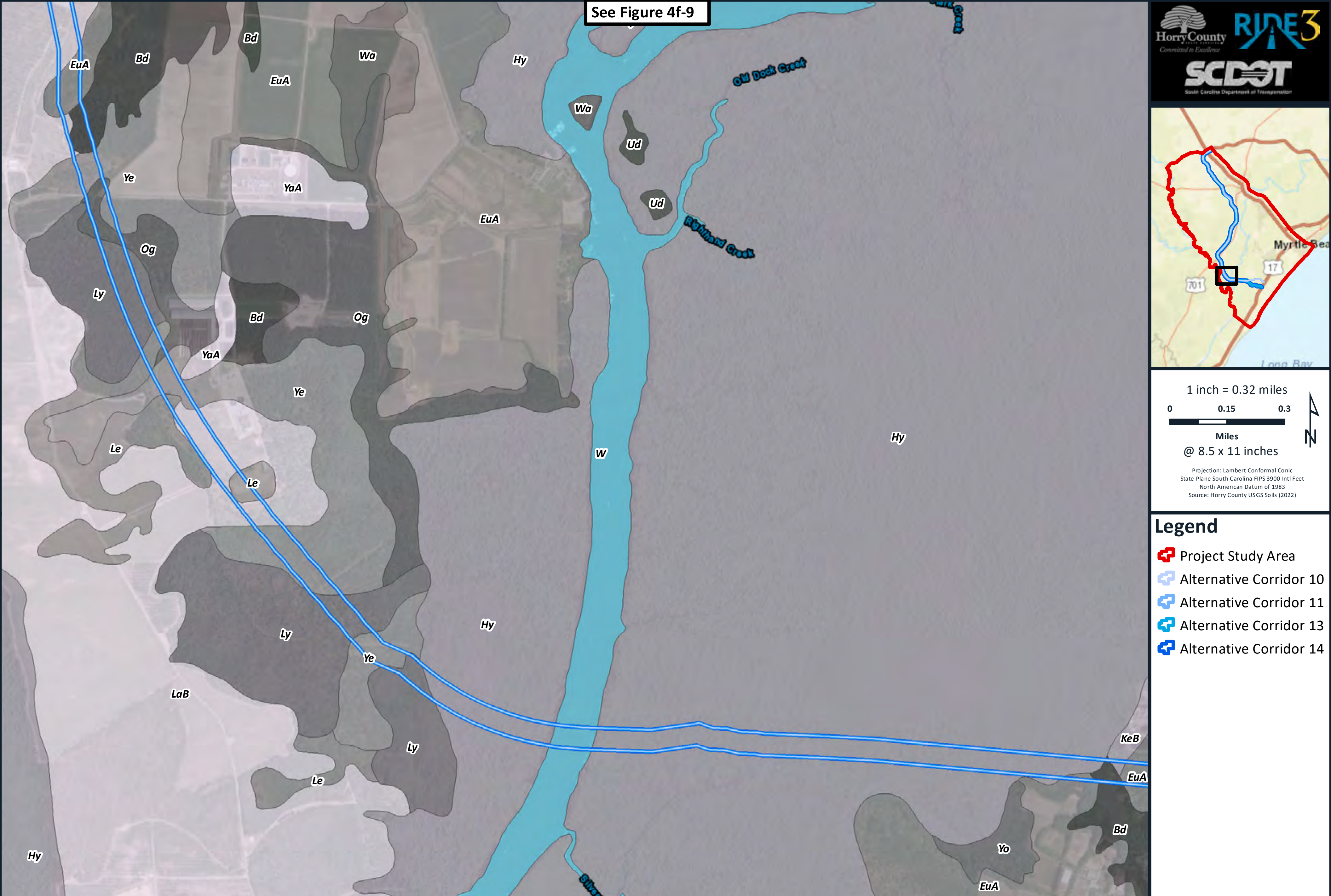


Figure 4f-10
ALTERNATIVES 10 - 13
SOILS MAP

11/2022

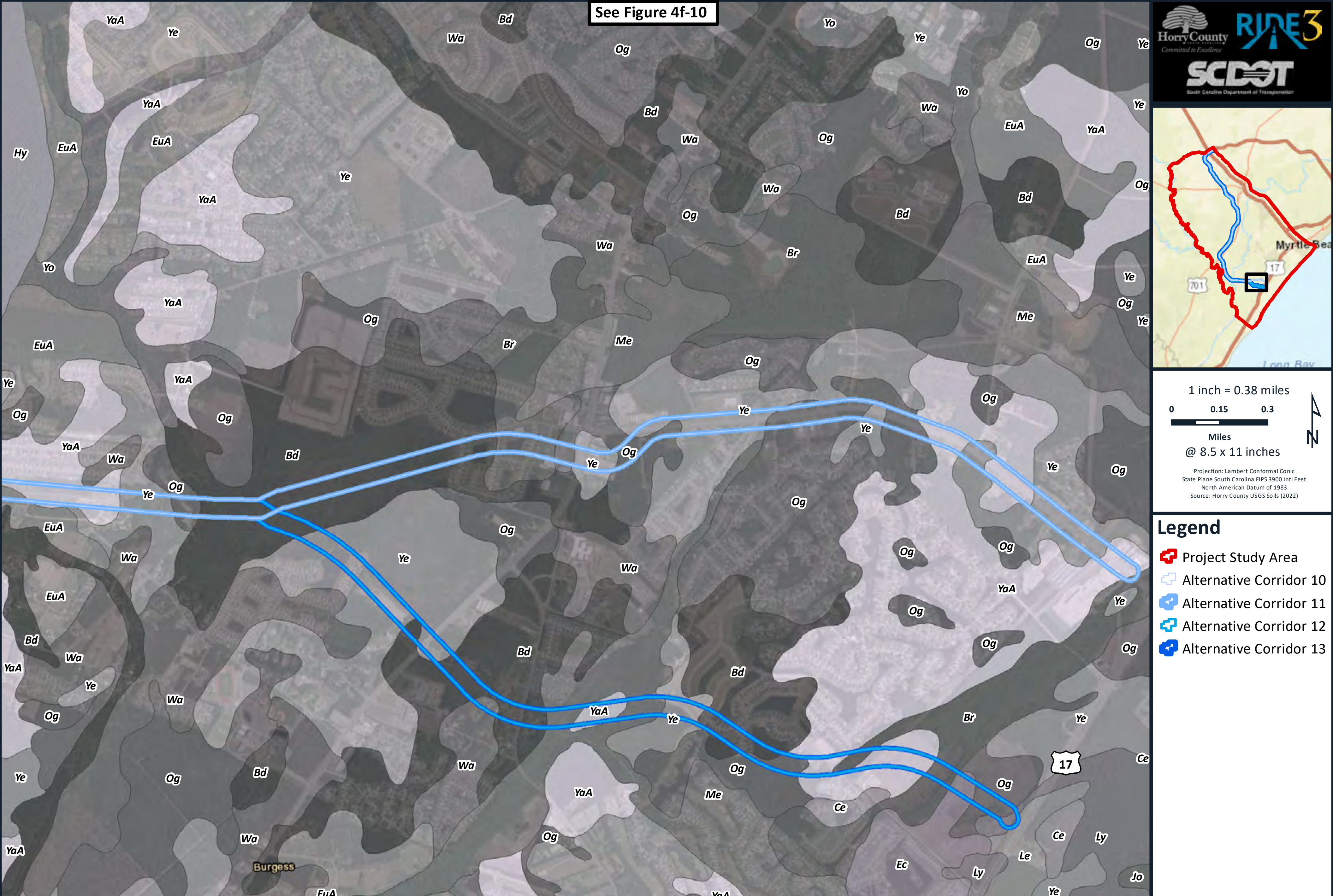
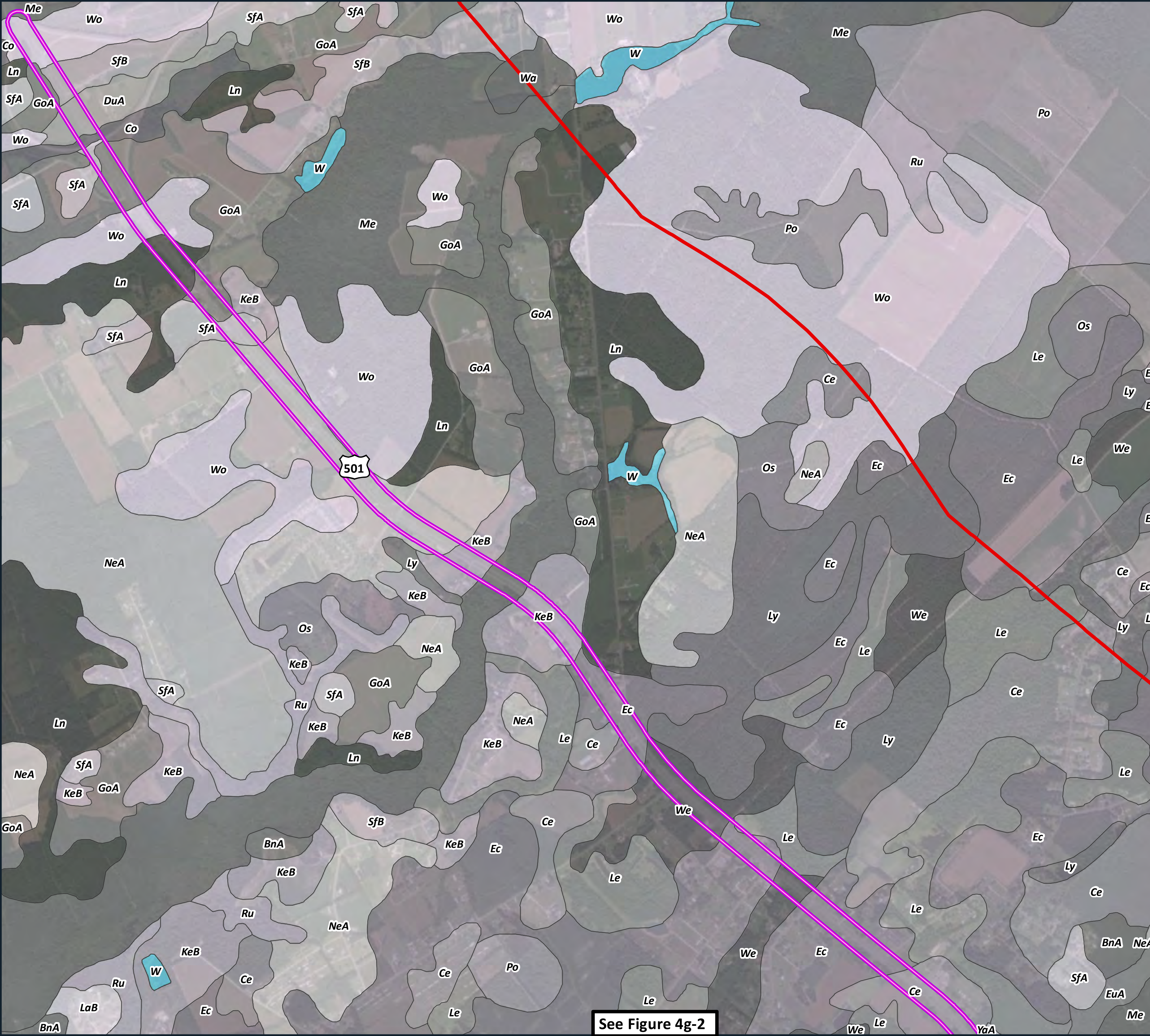
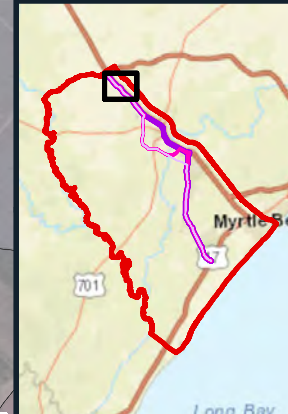


Figure 4f-11
ALTERNATIVES 10 - 13
SOILS MAP

11/2022





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Miles

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N

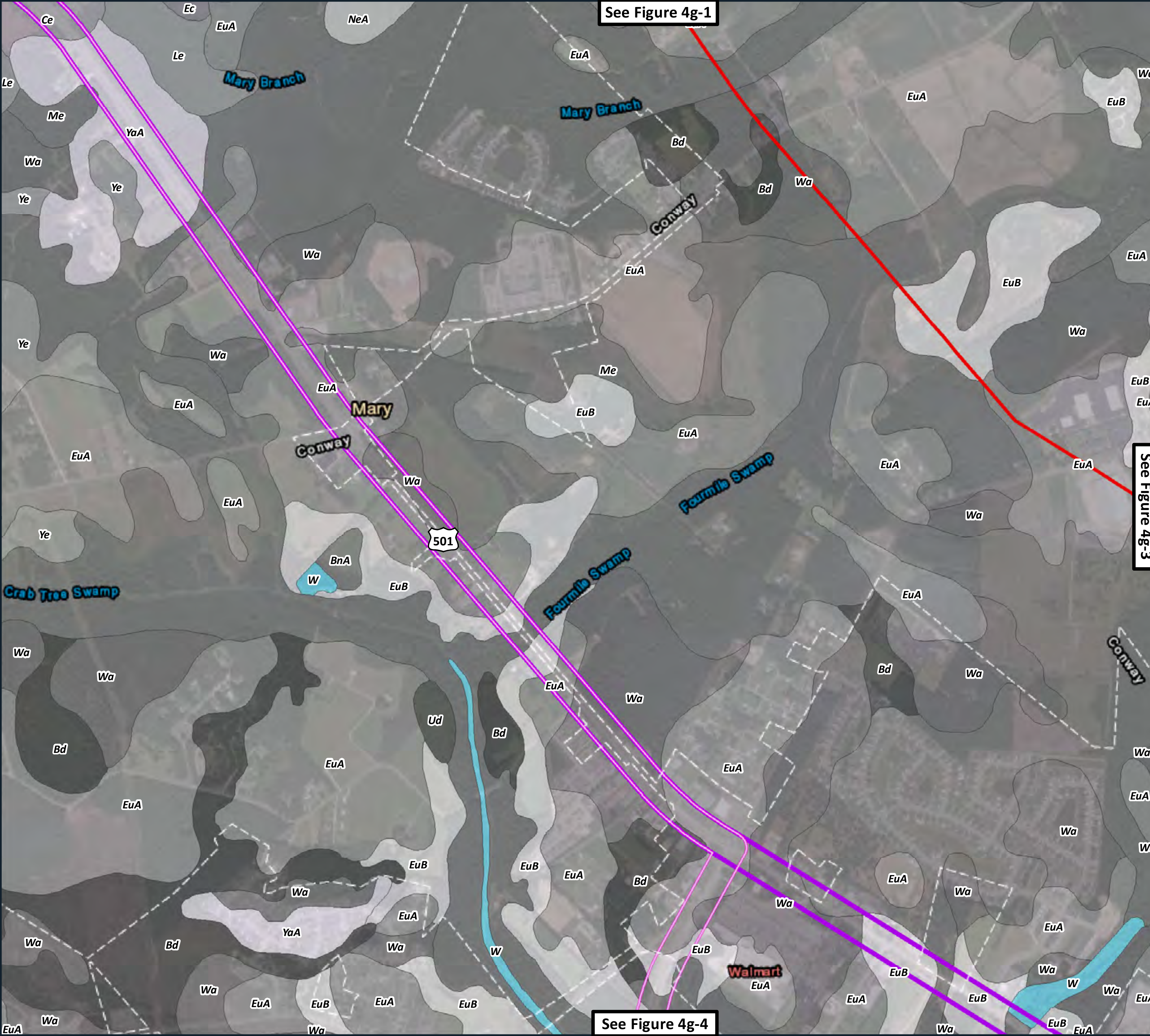
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

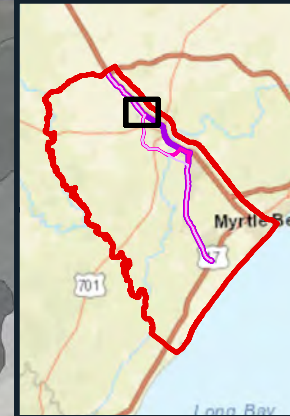
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-1
ALTERNATIVES 14 - 16
SOILS MAP

11/2022





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Miles

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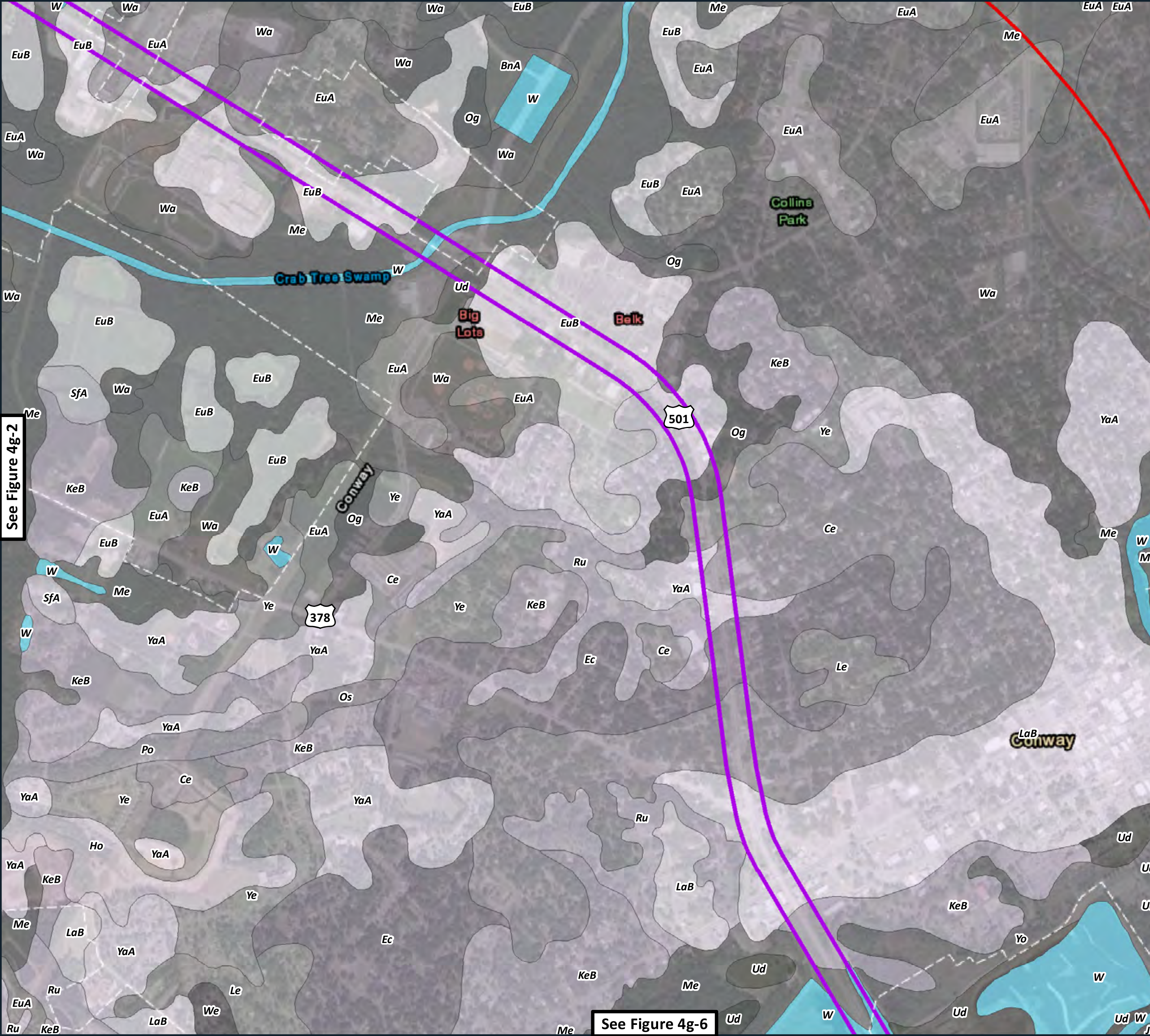
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

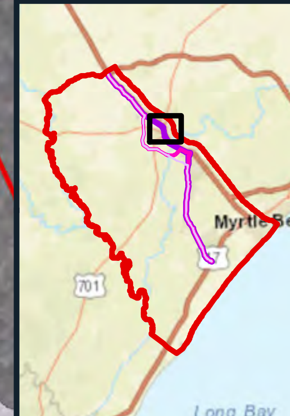
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-2
ALTERNATIVES 14 - 16
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

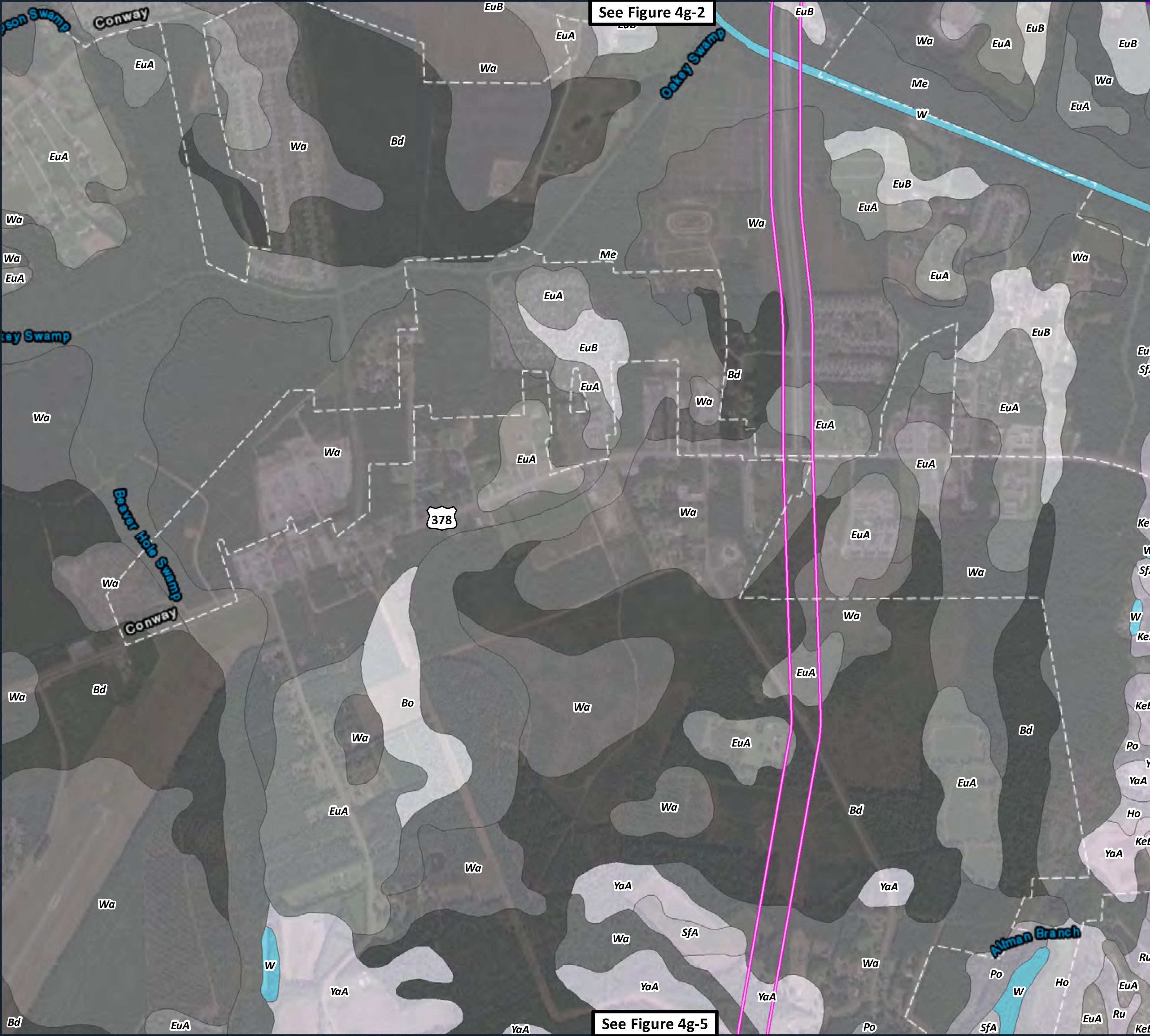
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

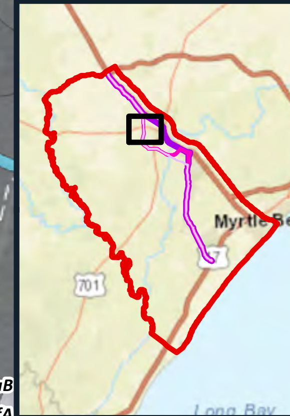
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-3
ALTERNATIVES 14 - 16
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-4
ALTERNATIVES 14 - 16
SOILS MAP

11/2022

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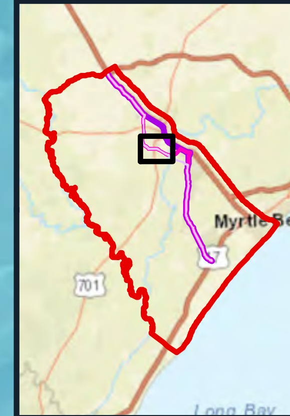
RIDE3

SCDOT South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-5
ALTERNATIVES 14 - 16
SOILS MAP

11/2022

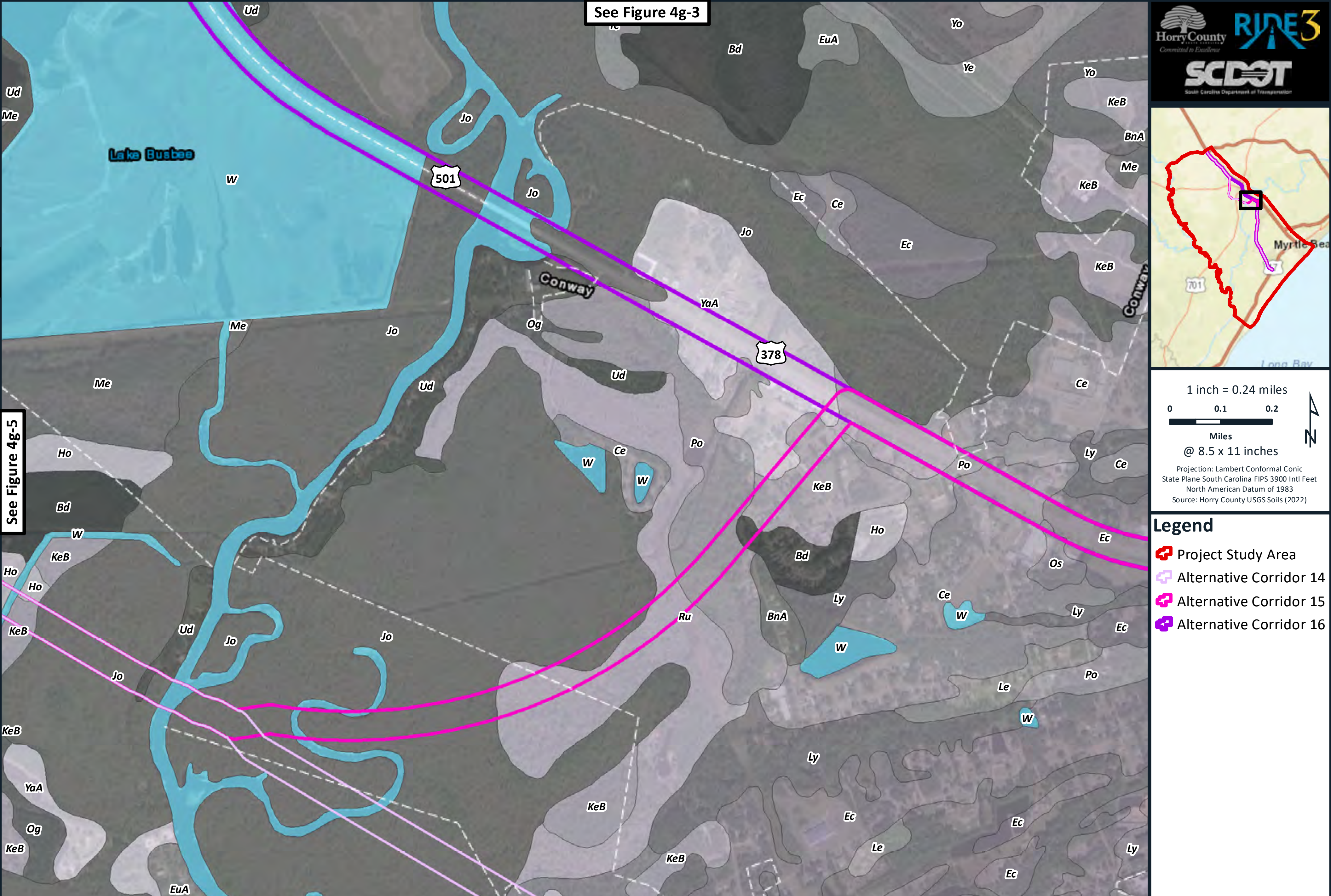
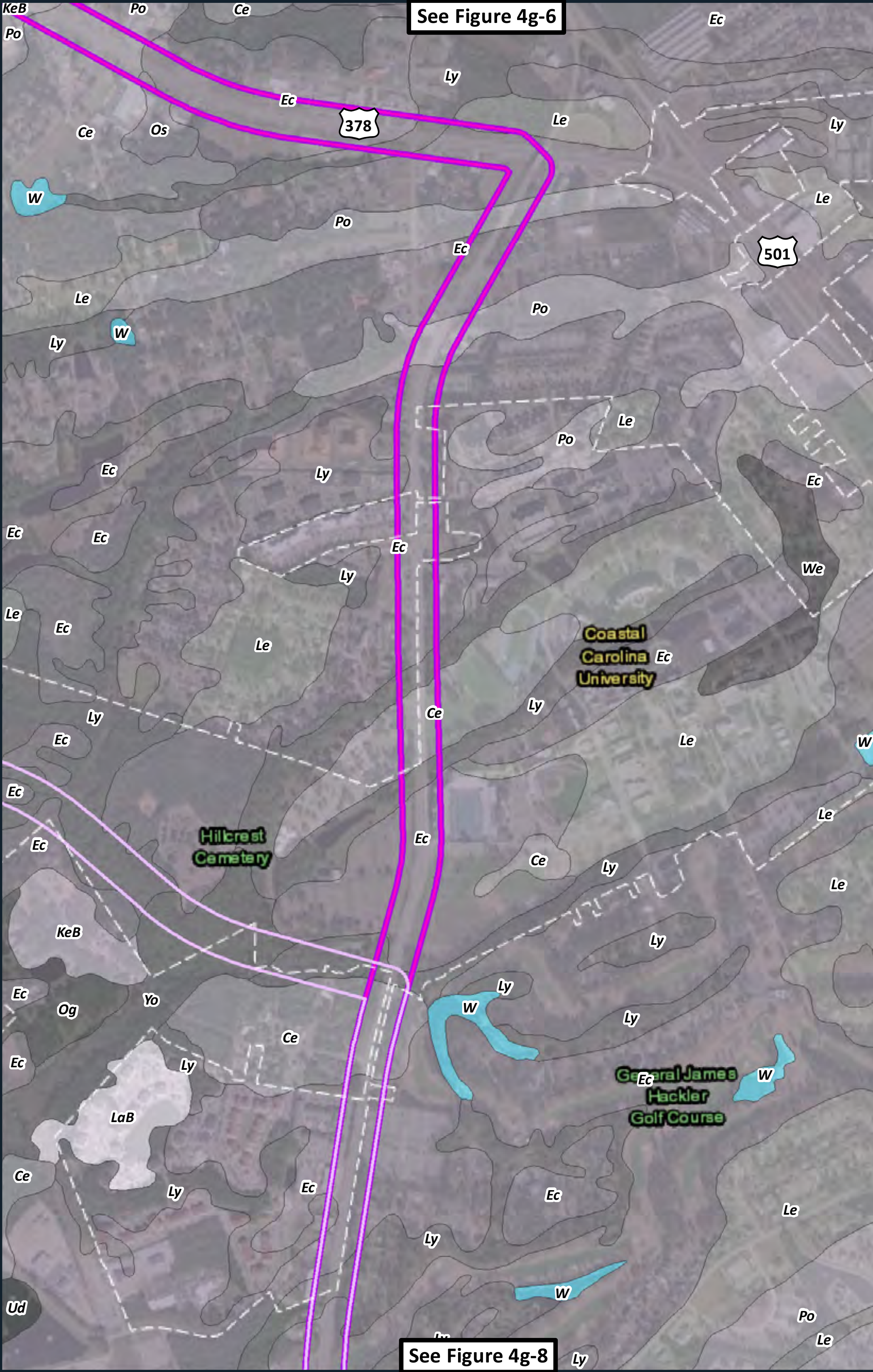
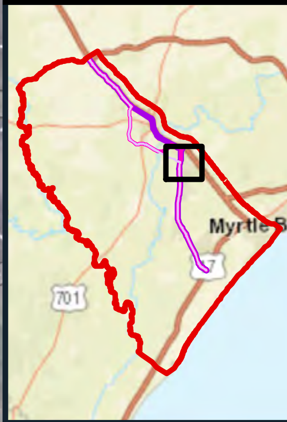


Figure 4g-6
ALTERNATIVES 14 - 16
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

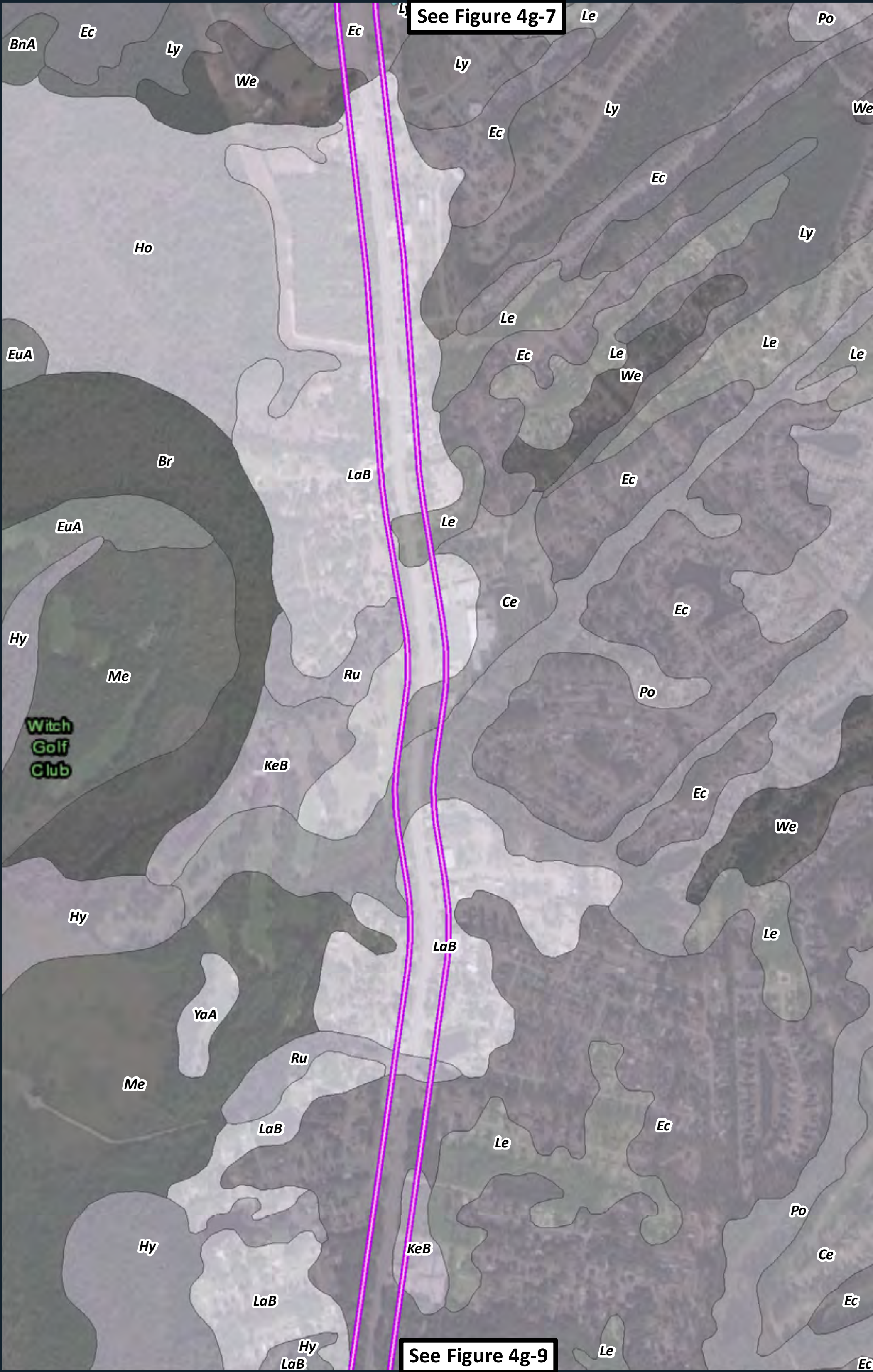
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

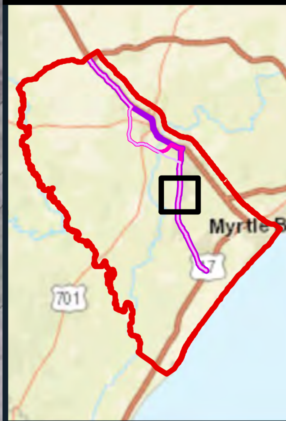
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-7
ALTERNATIVES 14 - 16
SOILS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

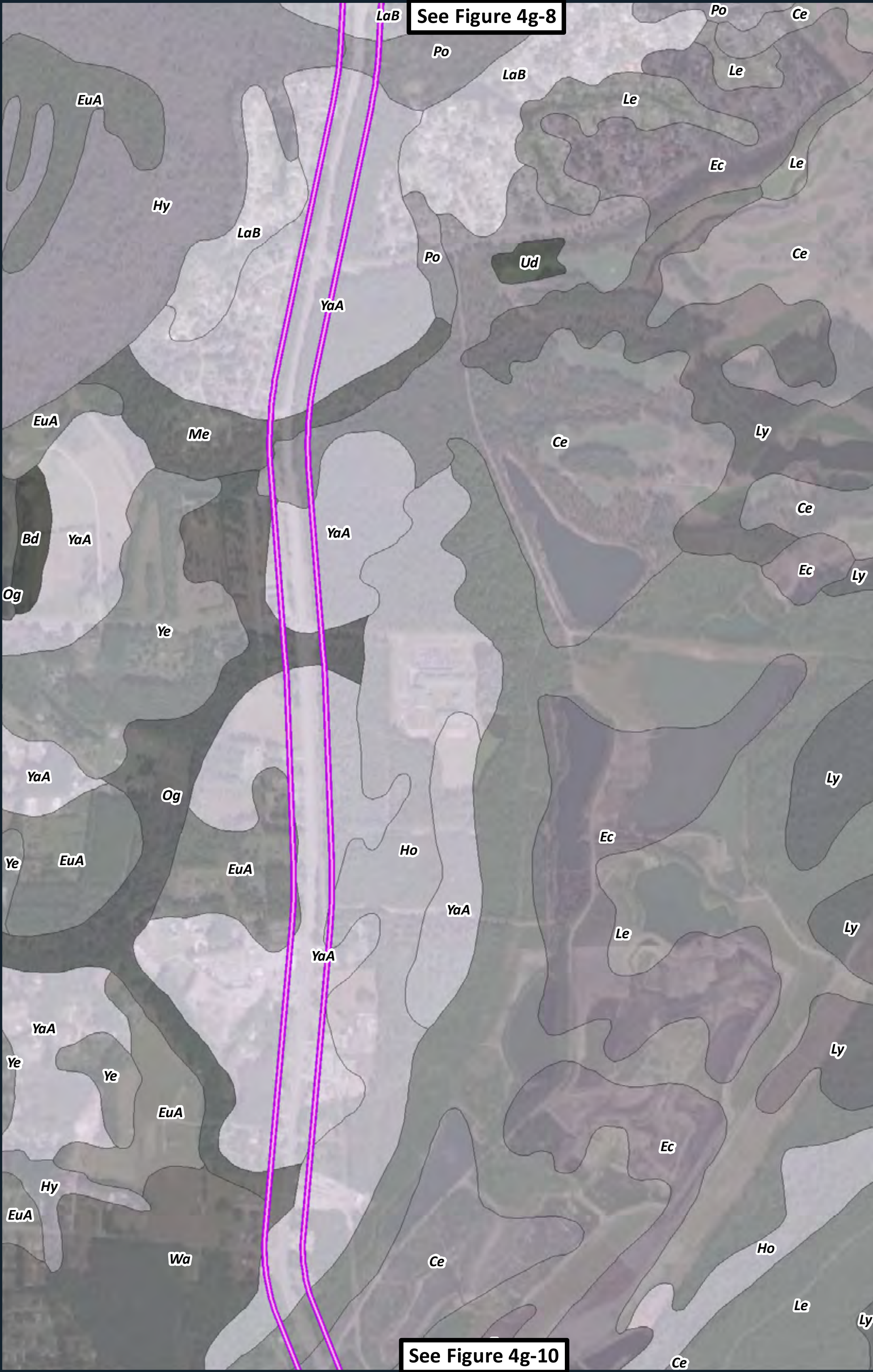
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

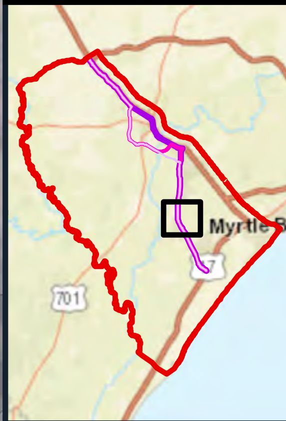
Figure 4g-8
ALTERNATIVES 14 - 16
SOILS MAP

11/2022

See Figure 4g-8



See Figure 4g-10



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

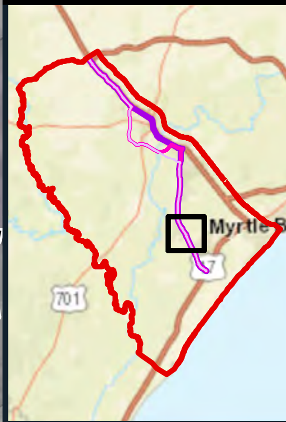
- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-9
ALTERNATIVES 14 - 16
SOILS MAP

11/2022

See Figure 4g-9

See Figure 4g-11



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

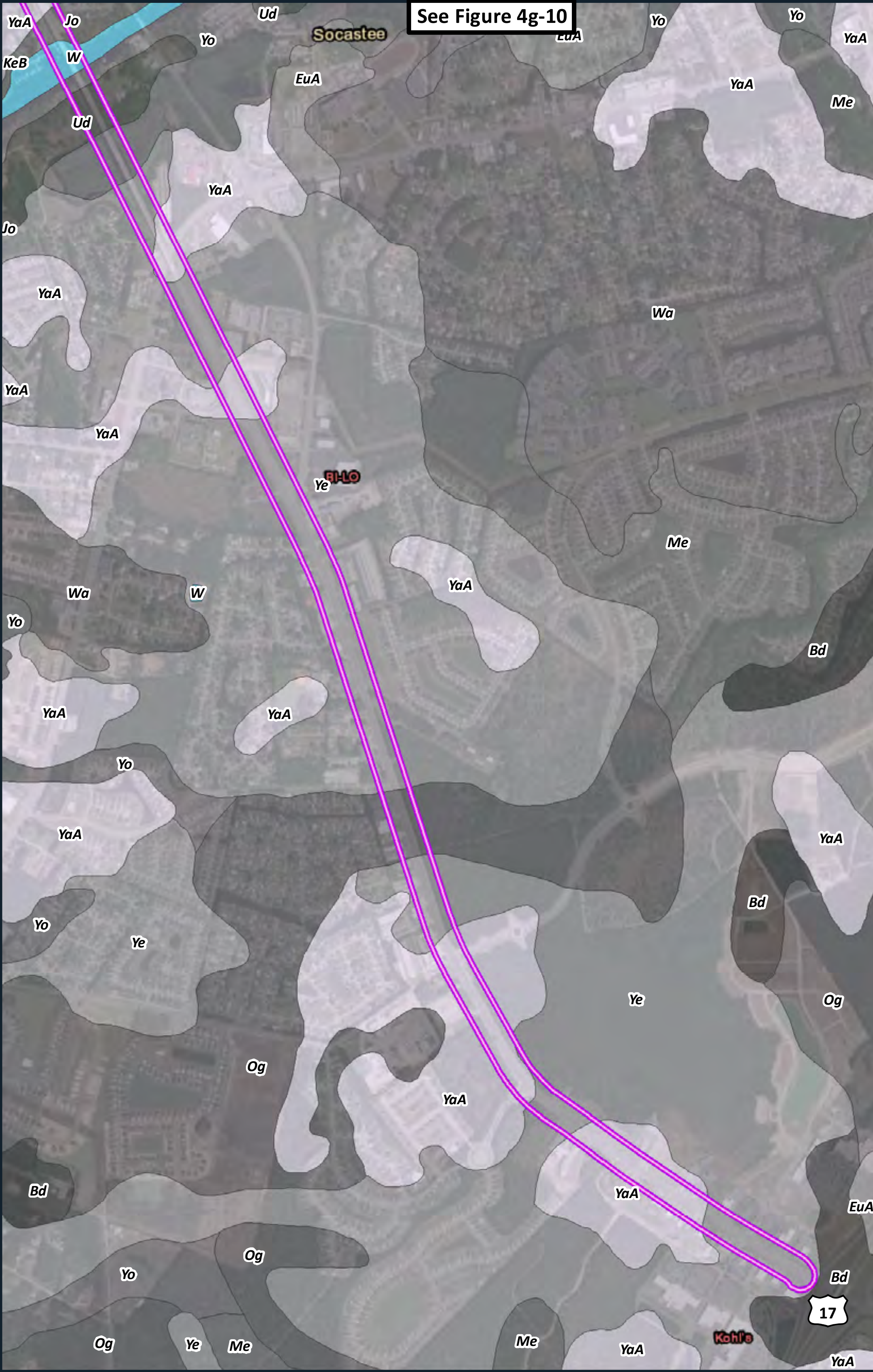
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

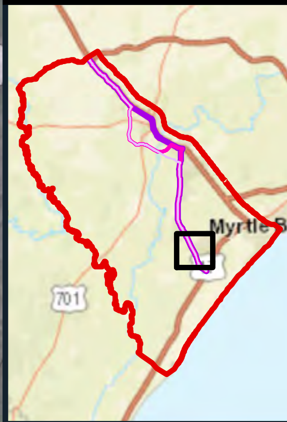
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-10
ALTERNATIVES 14 - 16
SOILS MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

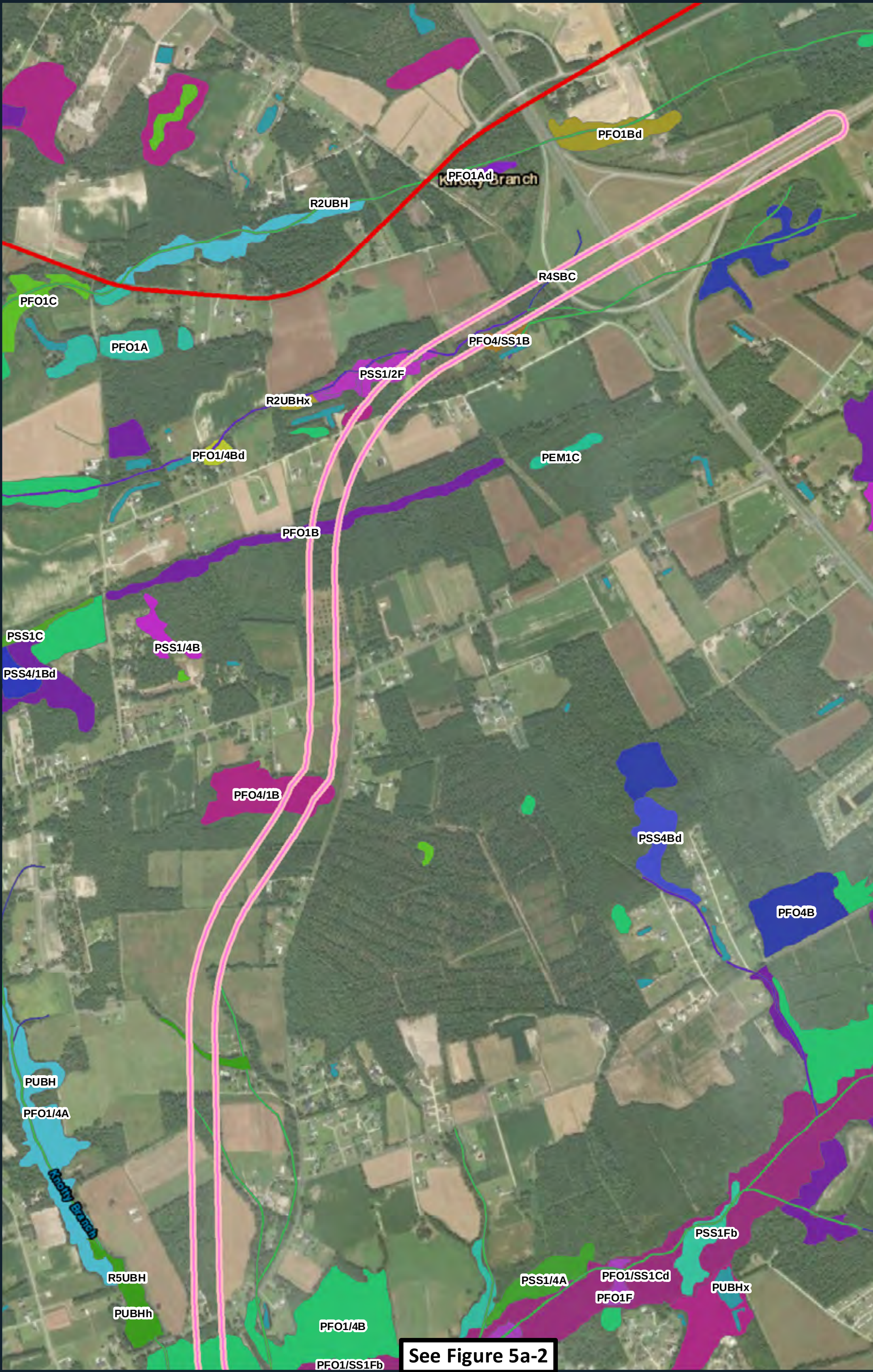
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: Horry County USGS Soils (2022)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 4g-11
ALTERNATIVES 14 - 16
SOILS MAP

11/2022



See Figure 5a-2

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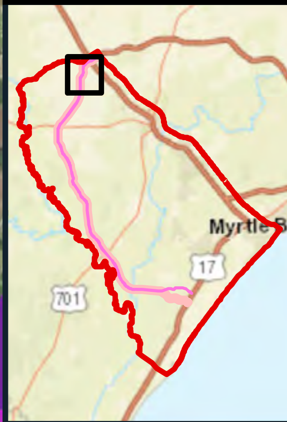
South Carolina Department of Transportation



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

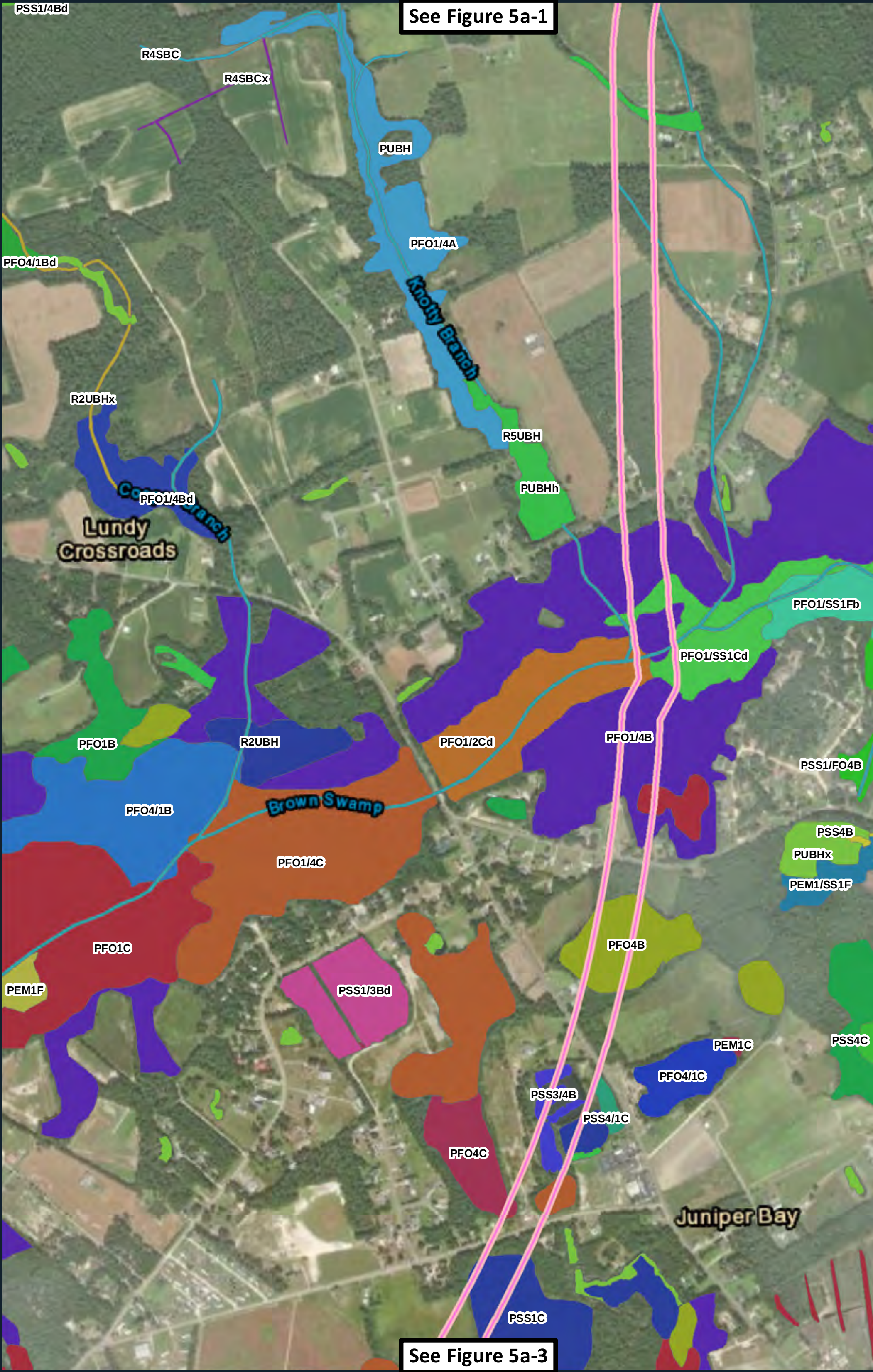
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

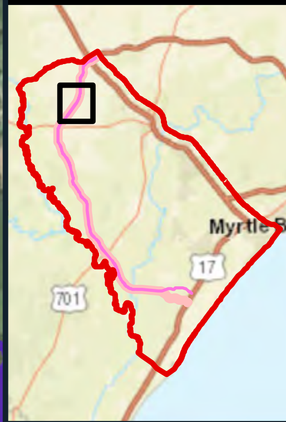
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-1
ALTERNATIVES 1 & 2
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

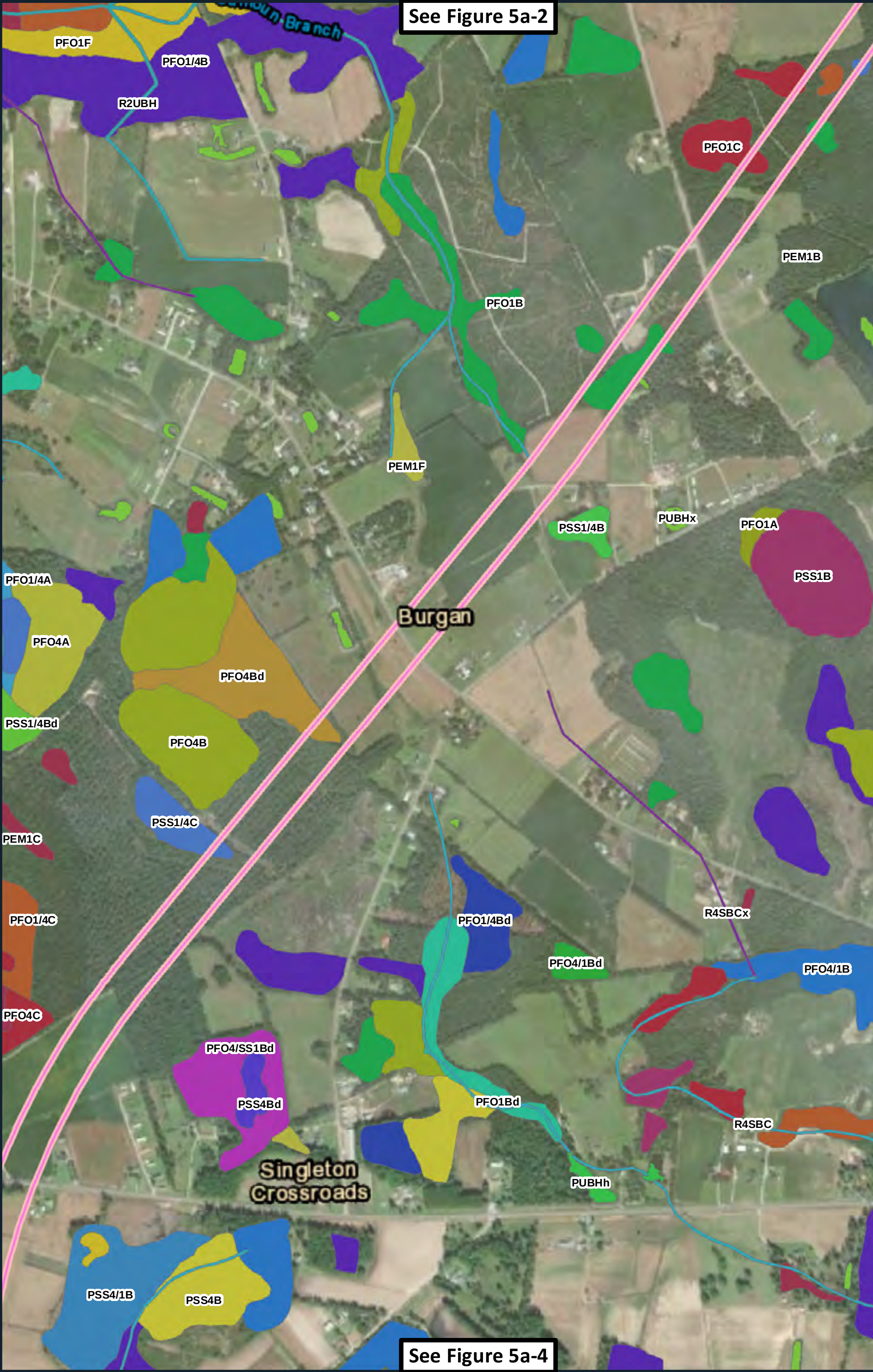
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

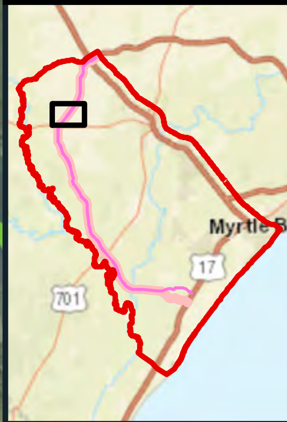
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-2
ALTERNATIVES 1 & 2
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

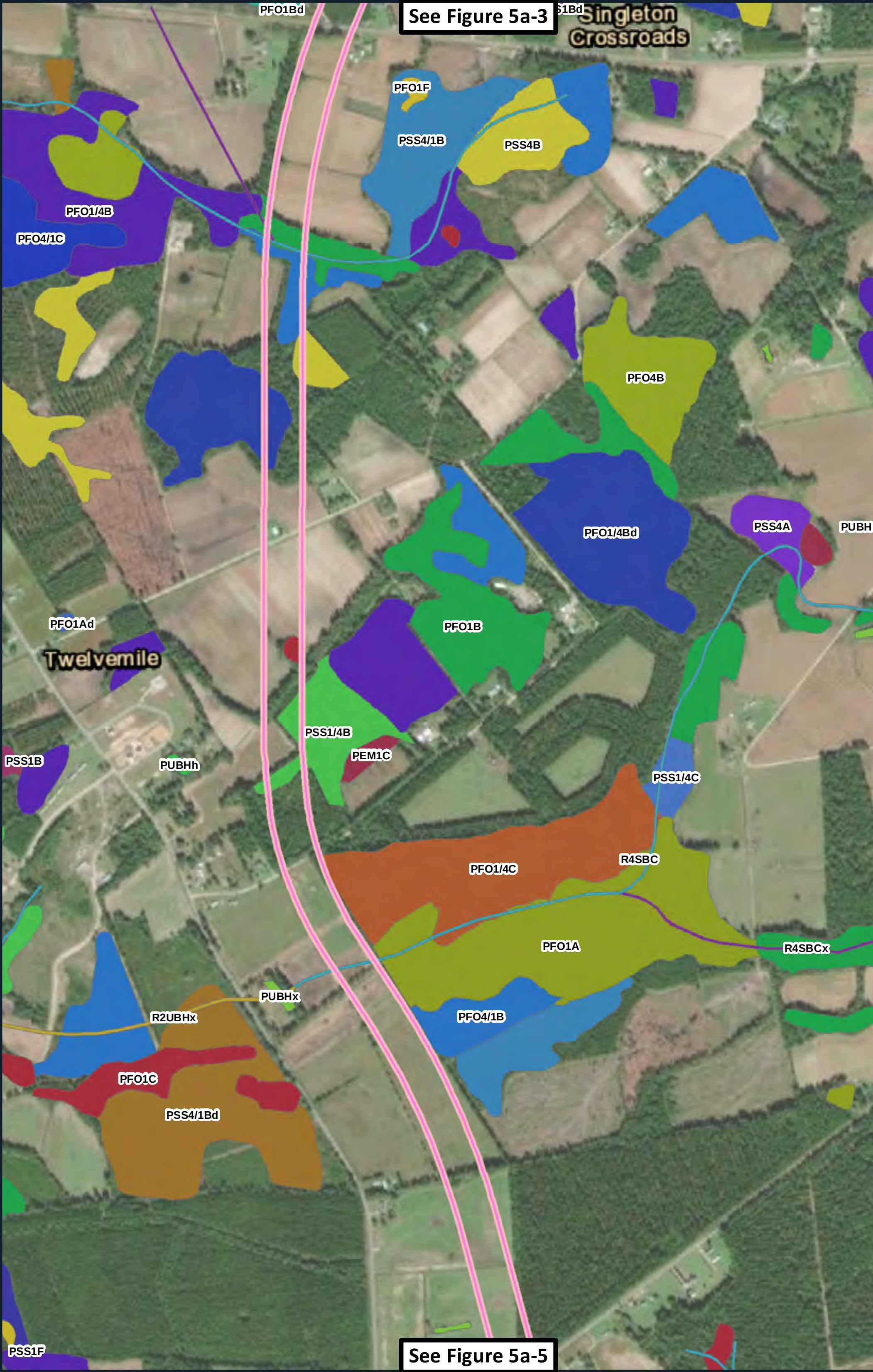
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

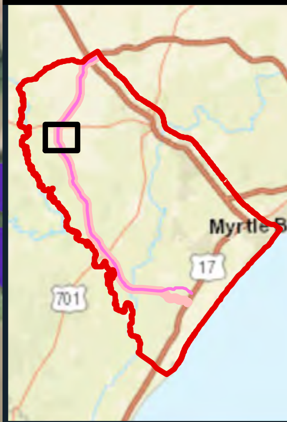
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-3
ALTERNATIVES 1 & 2
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

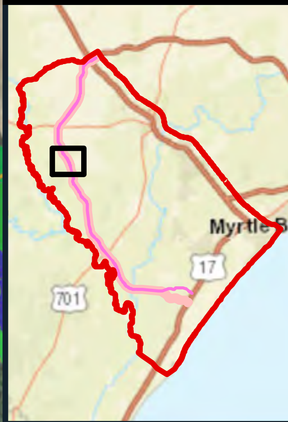
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-4
ALTERNATIVES 1 & 2
NWI MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

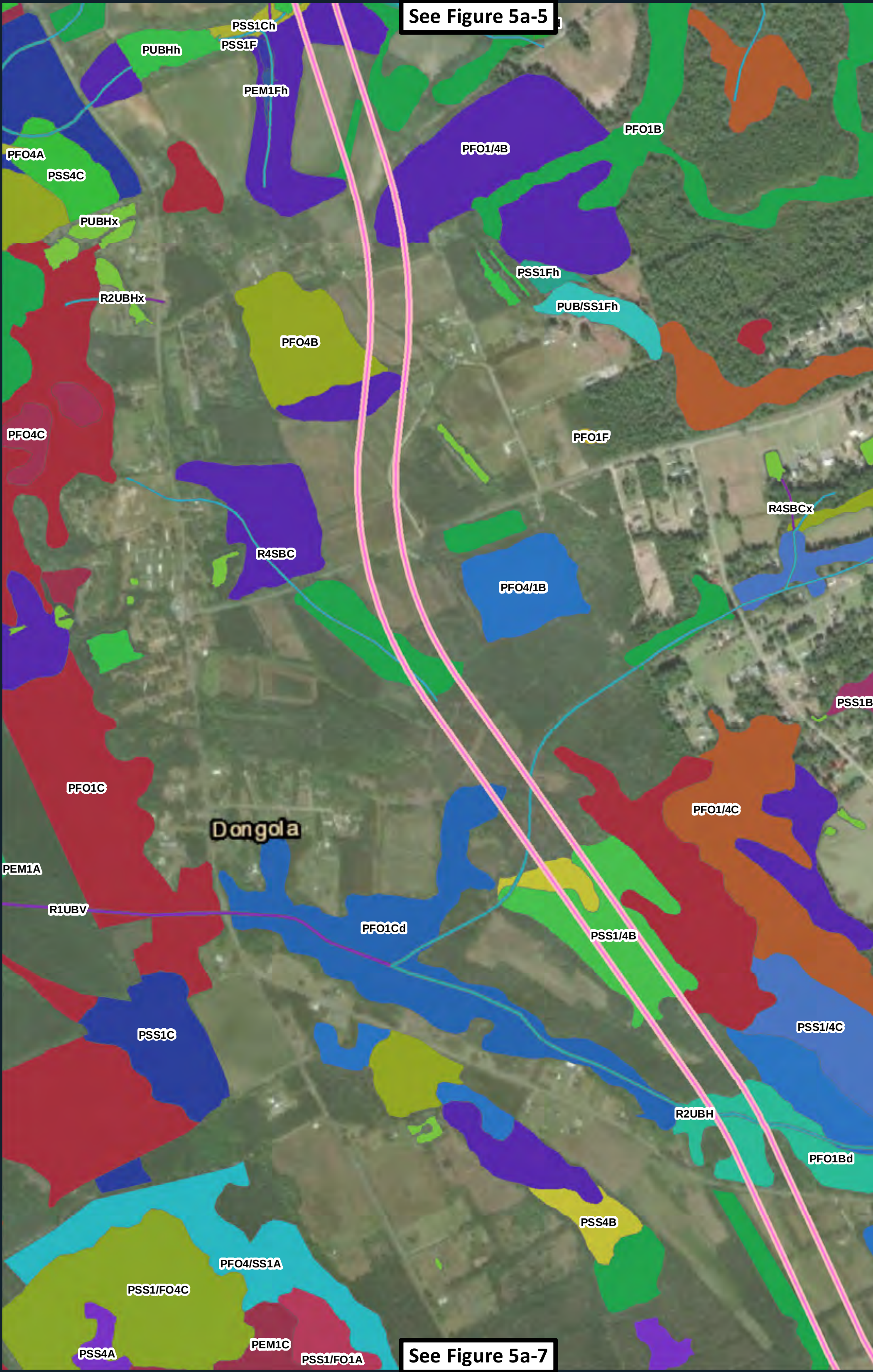
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

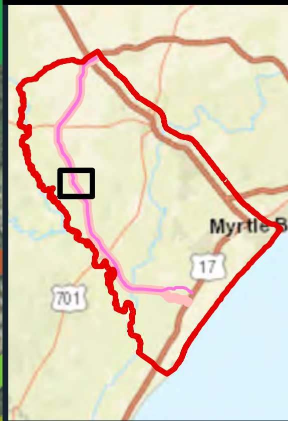
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-5
ALTERNATIVES 1 & 2
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

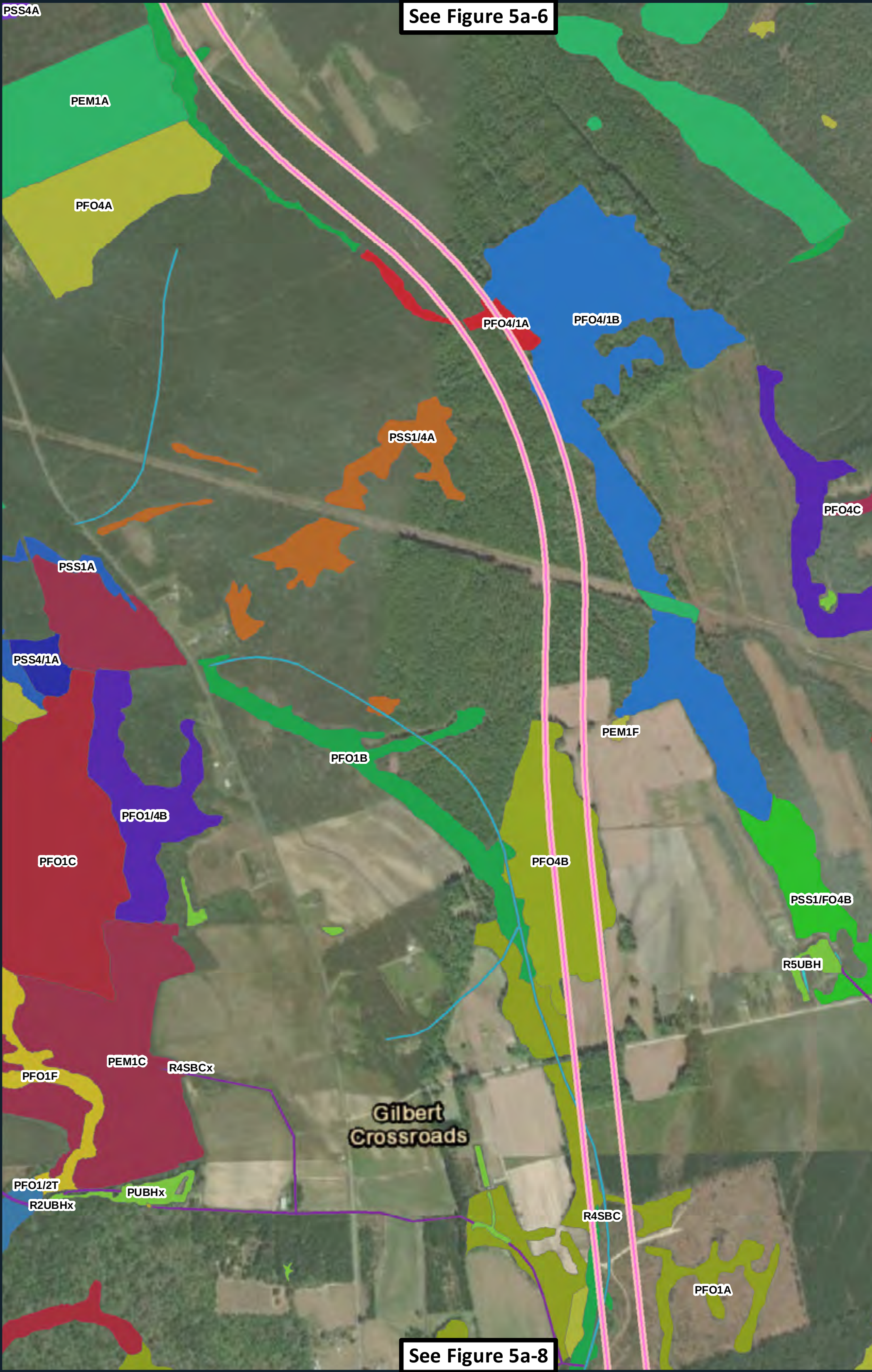
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

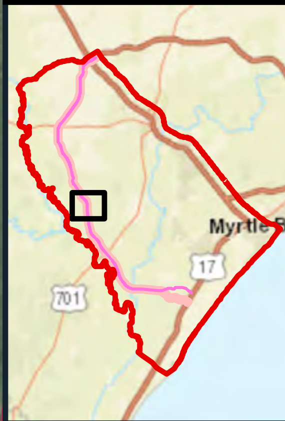
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-6
ALTERNATIVES 1 & 2
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

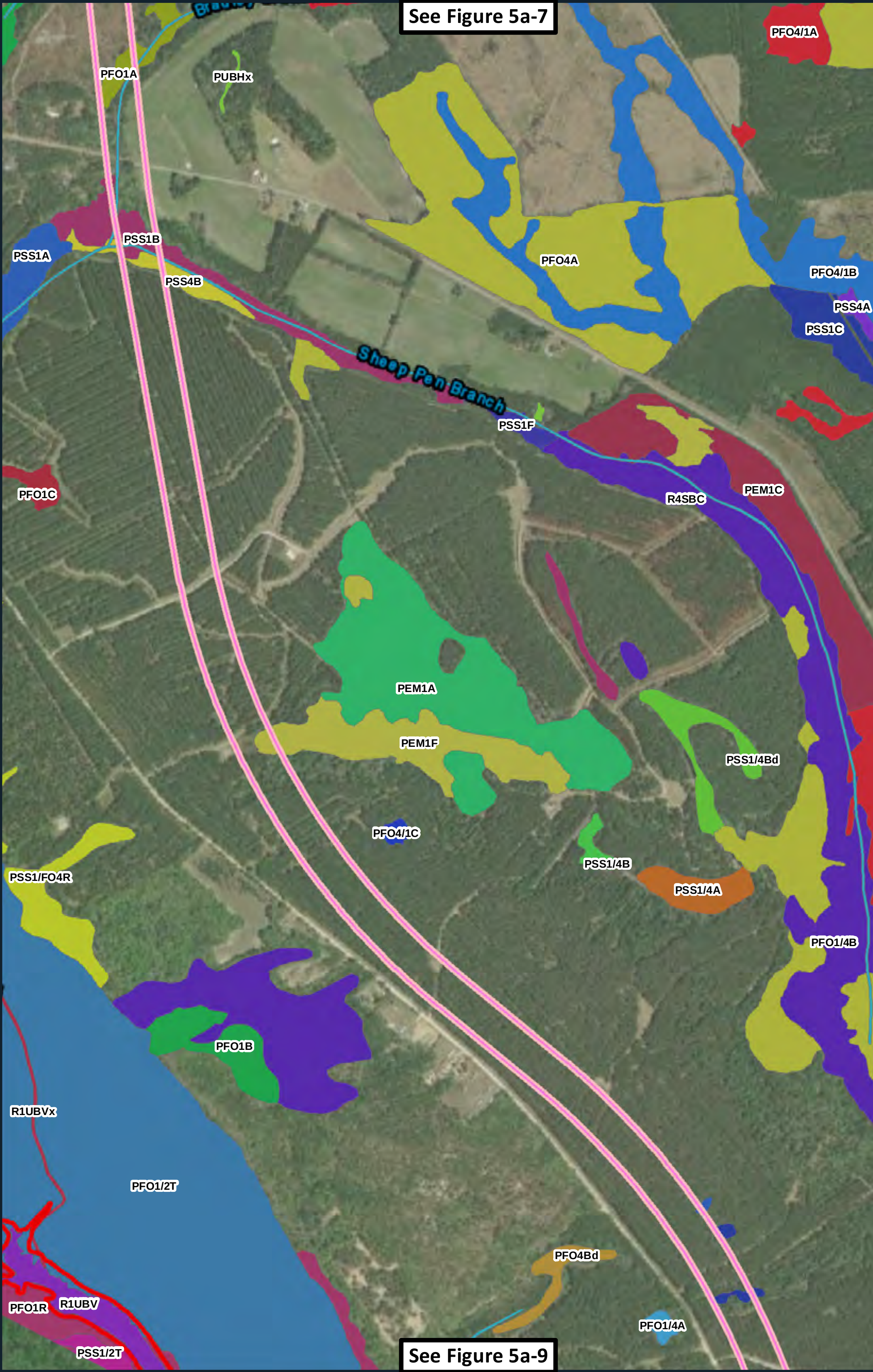
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

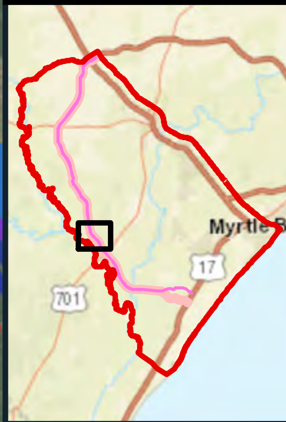
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-7
ALTERNATIVES 1 & 2
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

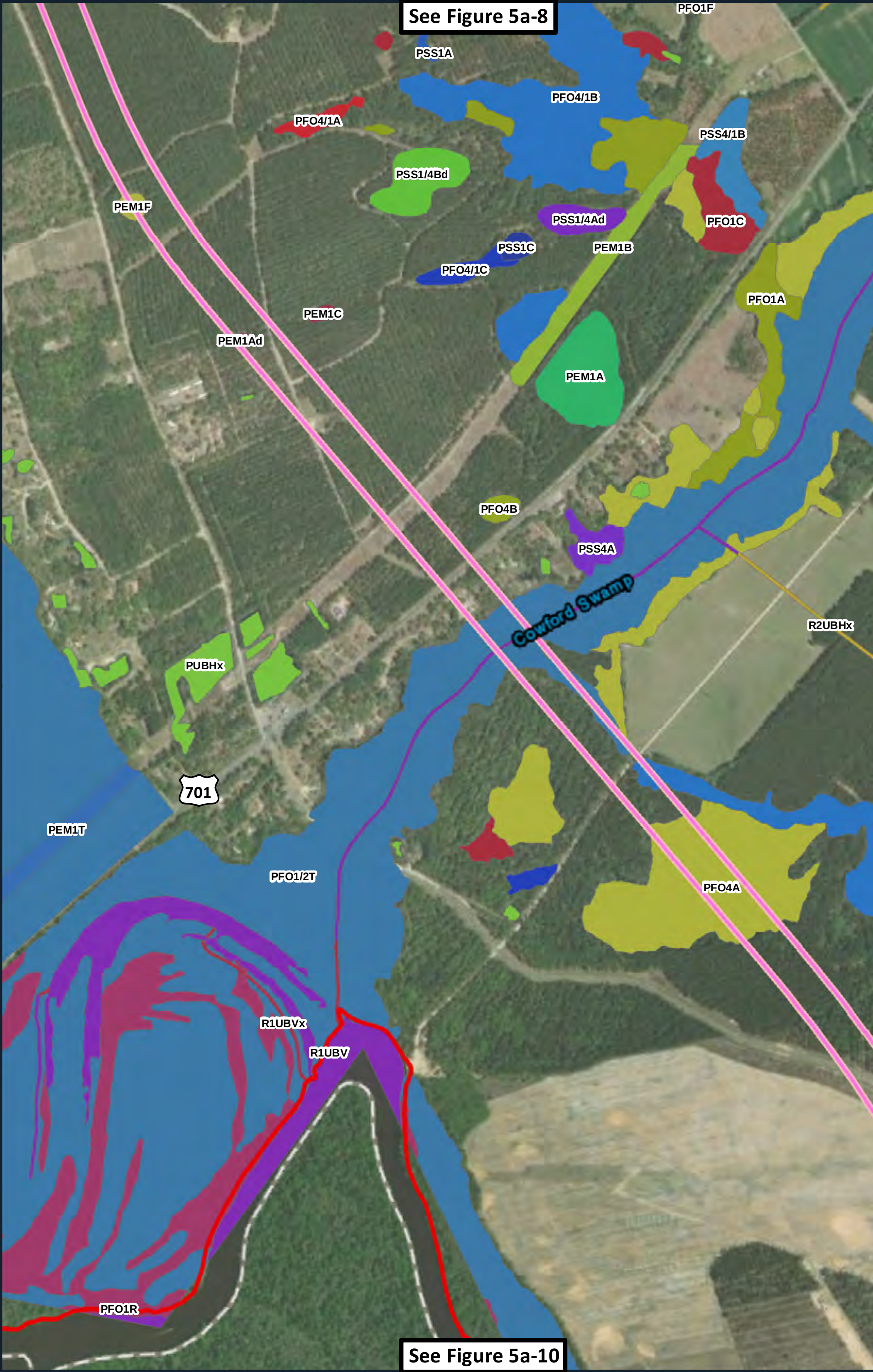
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-8
ALTERNATIVES 1 & 2
NWI MAP

11/2022



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RIDE3

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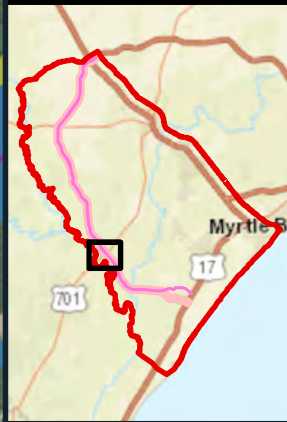


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

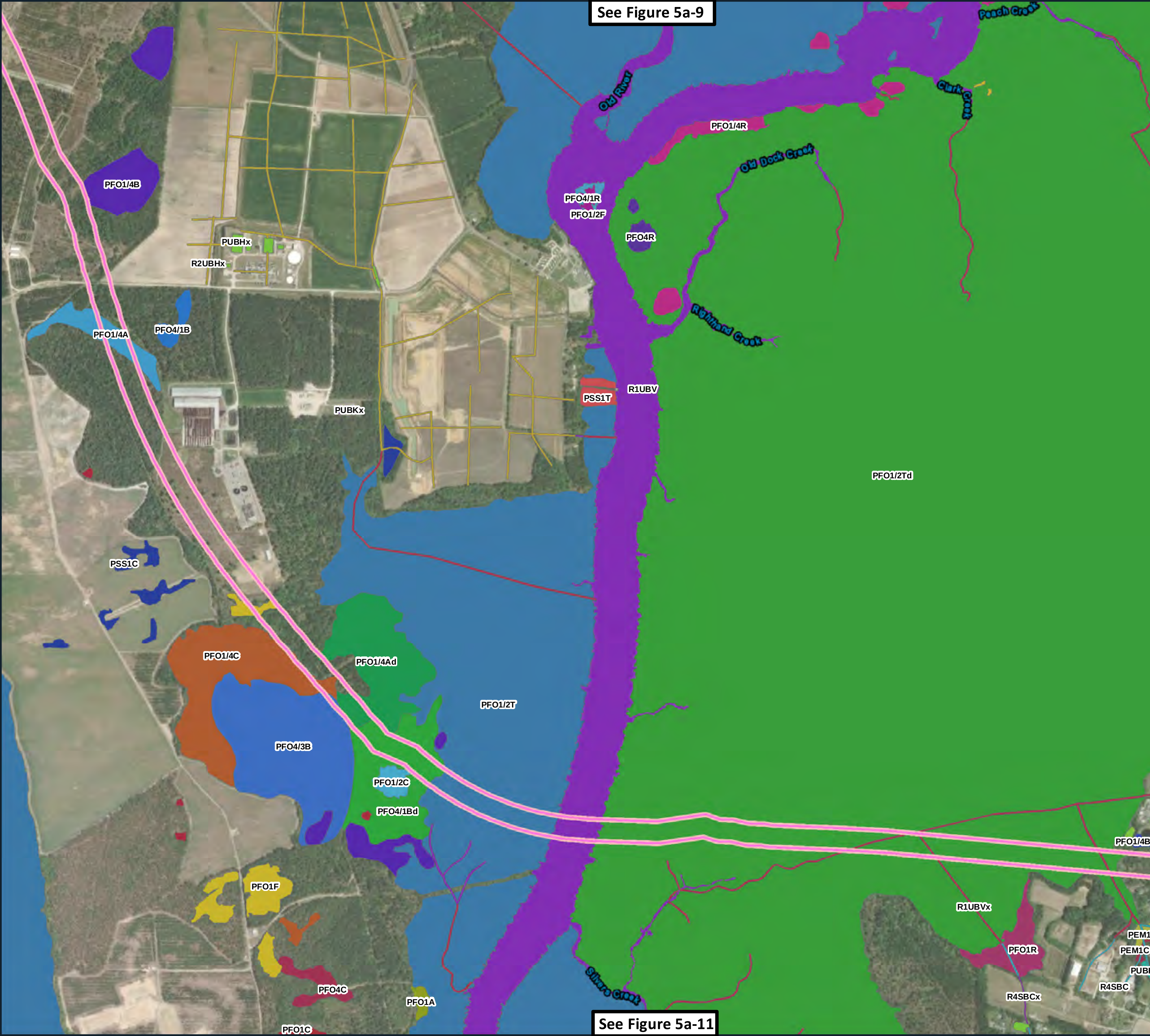
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

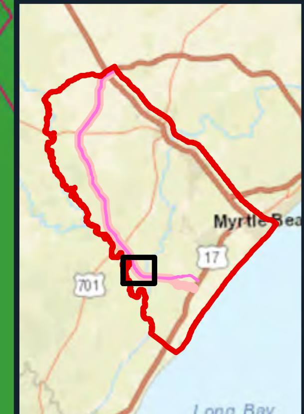
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-9
ALTERNATIVES 1 & 2
NWI MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2

Figure 5a-10
ALTERNATIVES 1 & 2
NWI MAP

11/2022

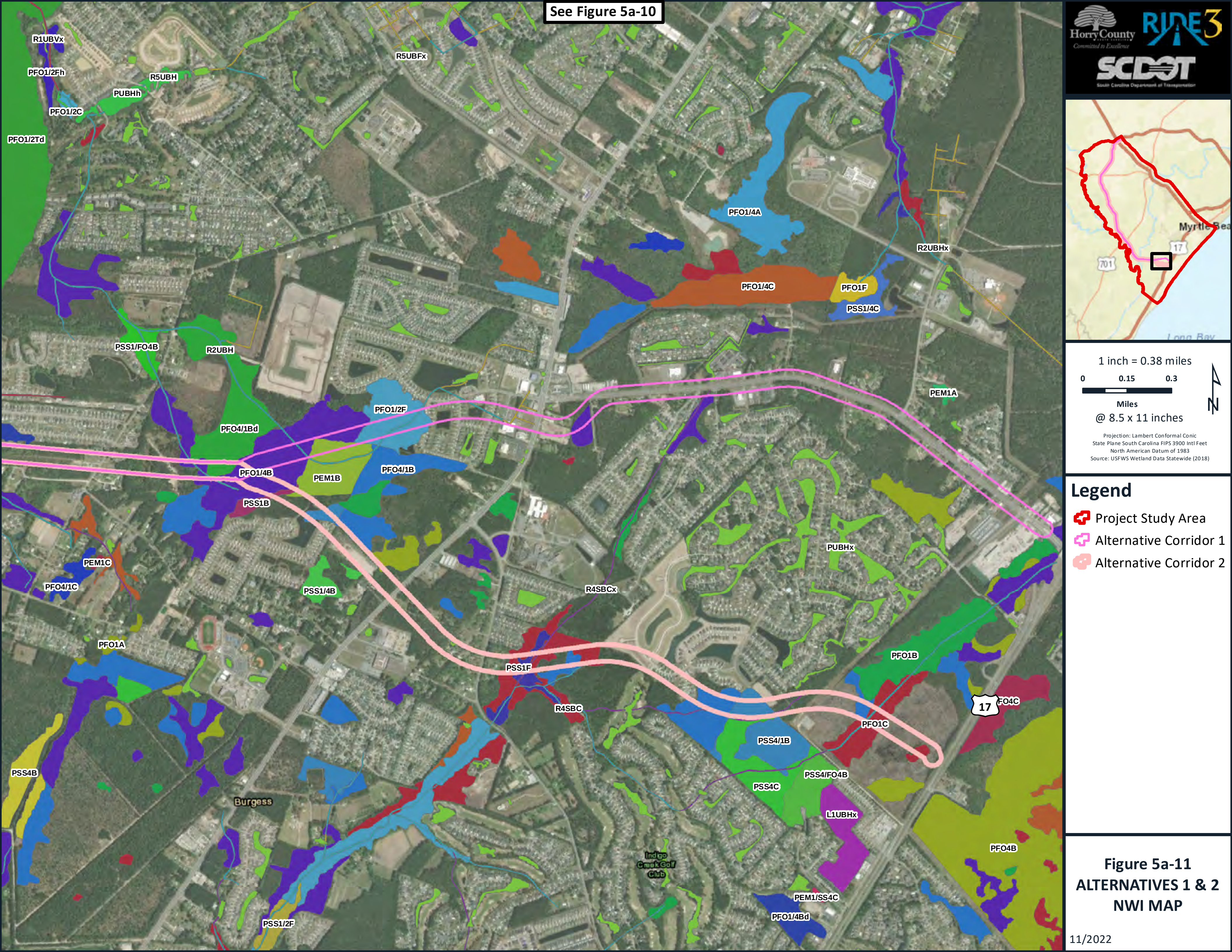
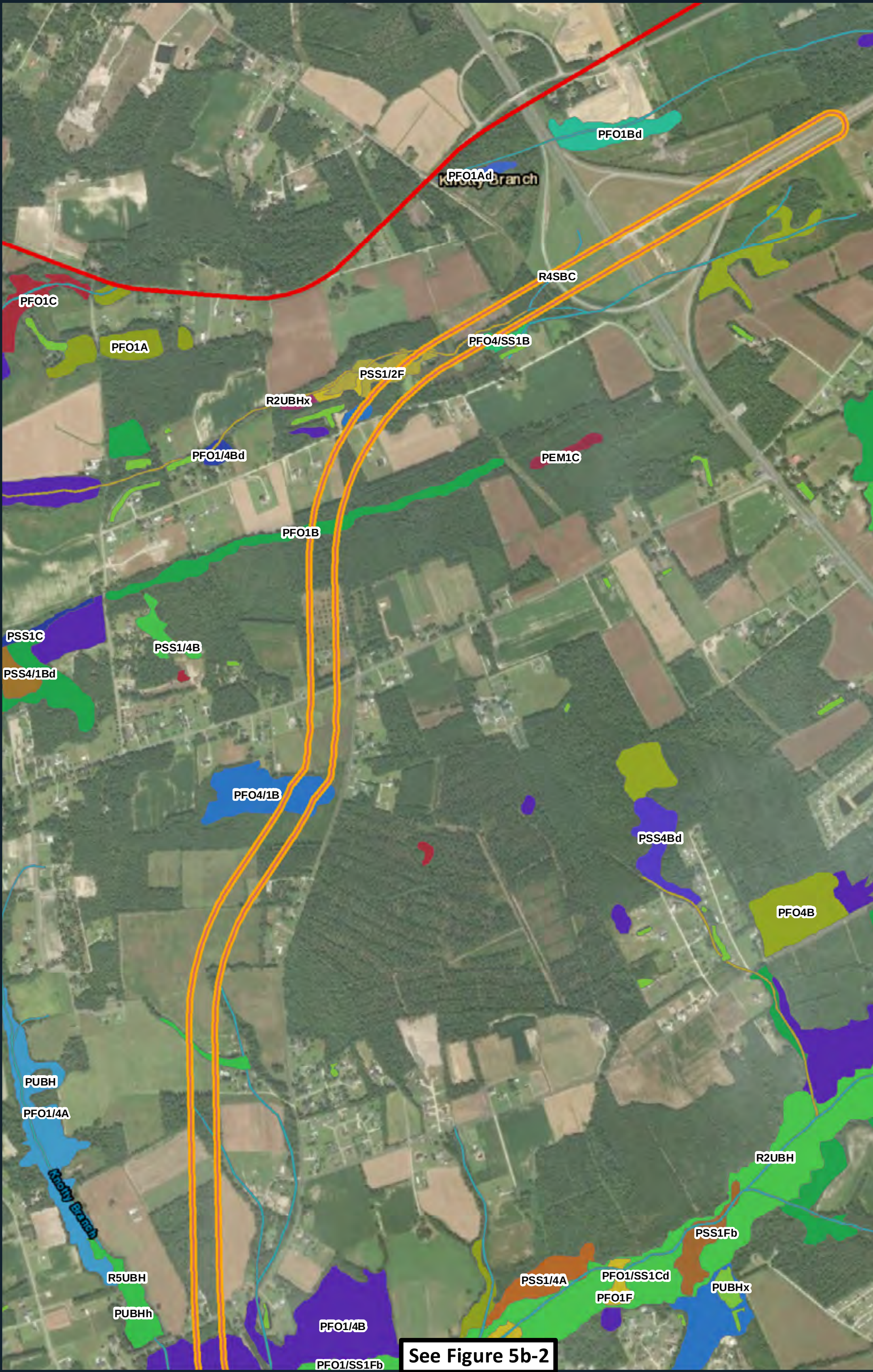


Figure 5a-11
ALTERNATIVES 1 & 2
NWI MAP

11/2022



See Figure 5b-2

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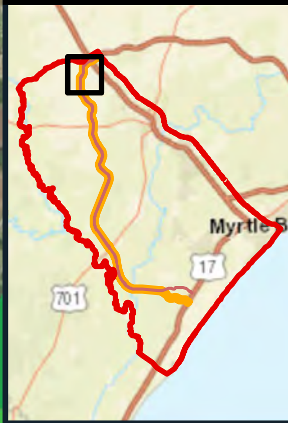
RIDE3

SCDOT
South Carolina Department of Transportation



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

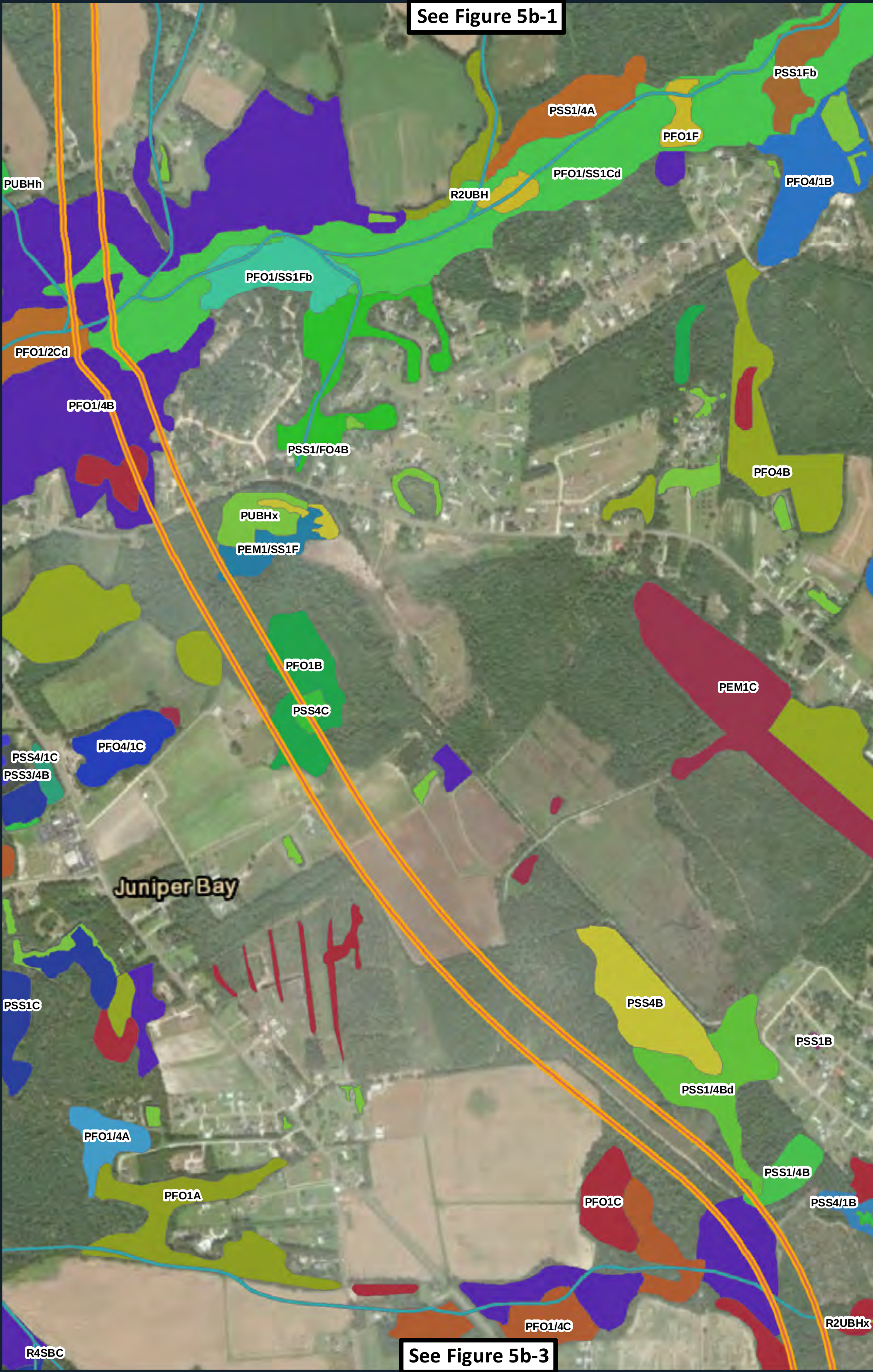
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

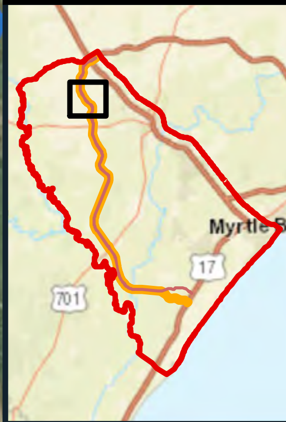
Figure 5b-1
ALTERNATIVES 3 & 4
NWI MAP

11/2022

See Figure 5b-1



See Figure 5b-3



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

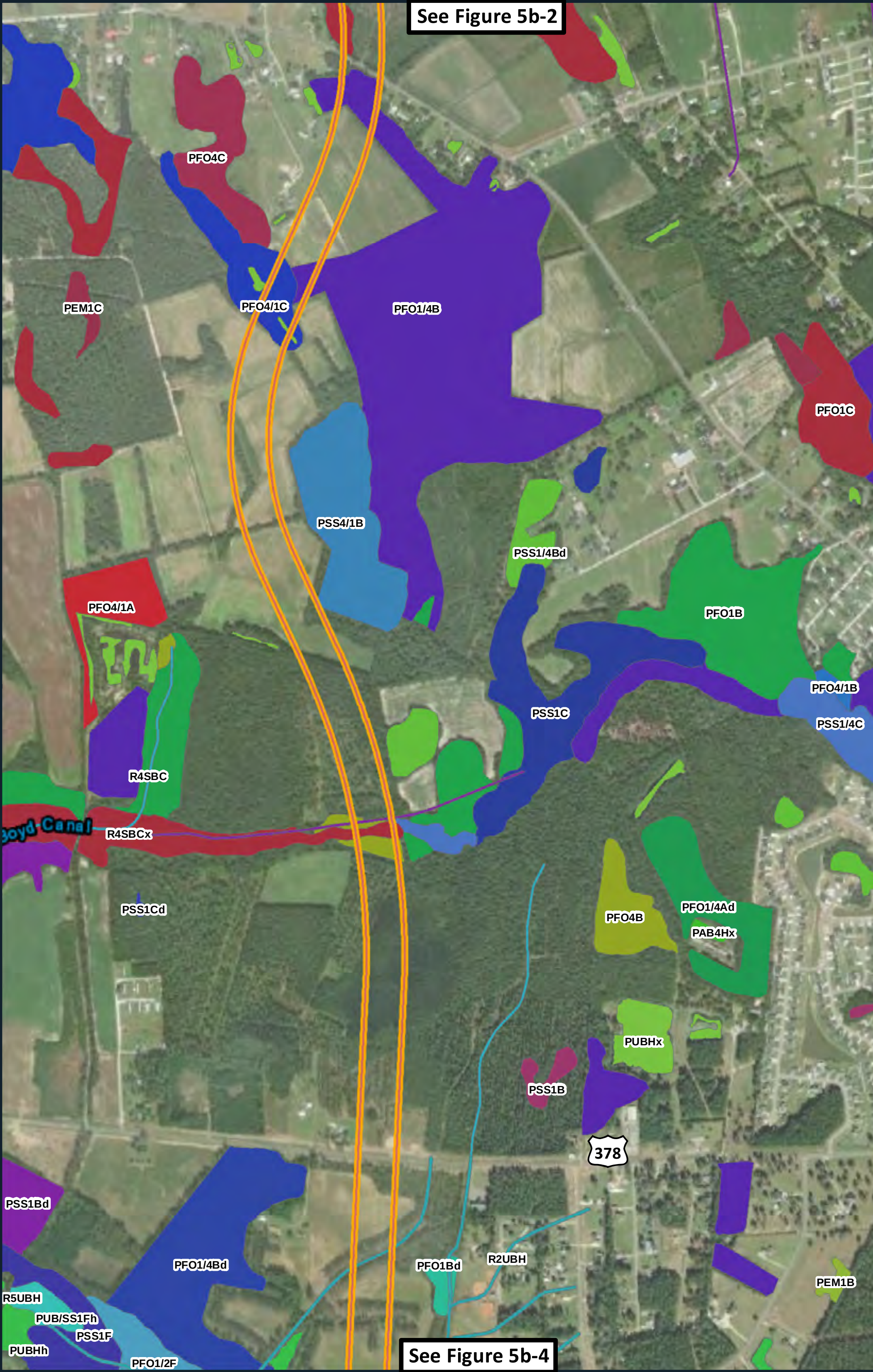
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-2
ALTERNATIVES 3 & 4
NWI MAP

11/2022



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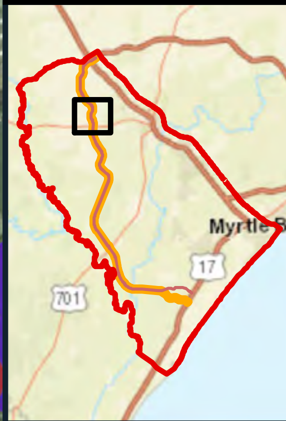
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

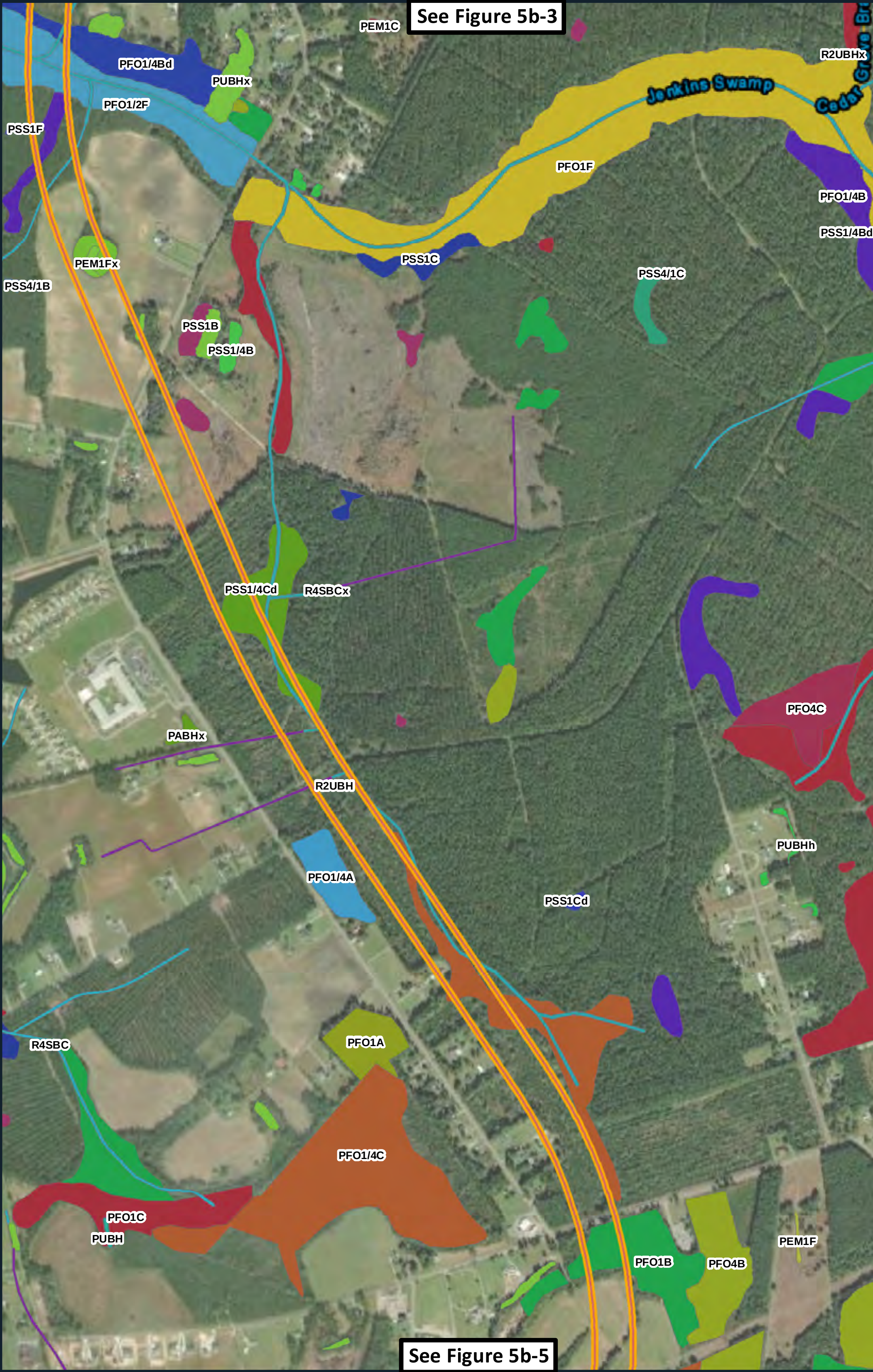
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

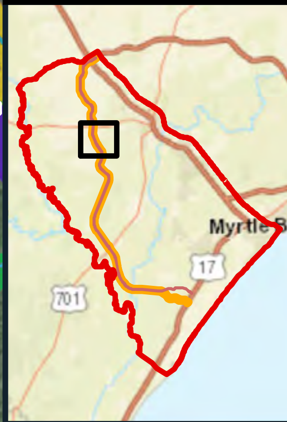
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-3
ALTERNATIVES 3 & 4
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

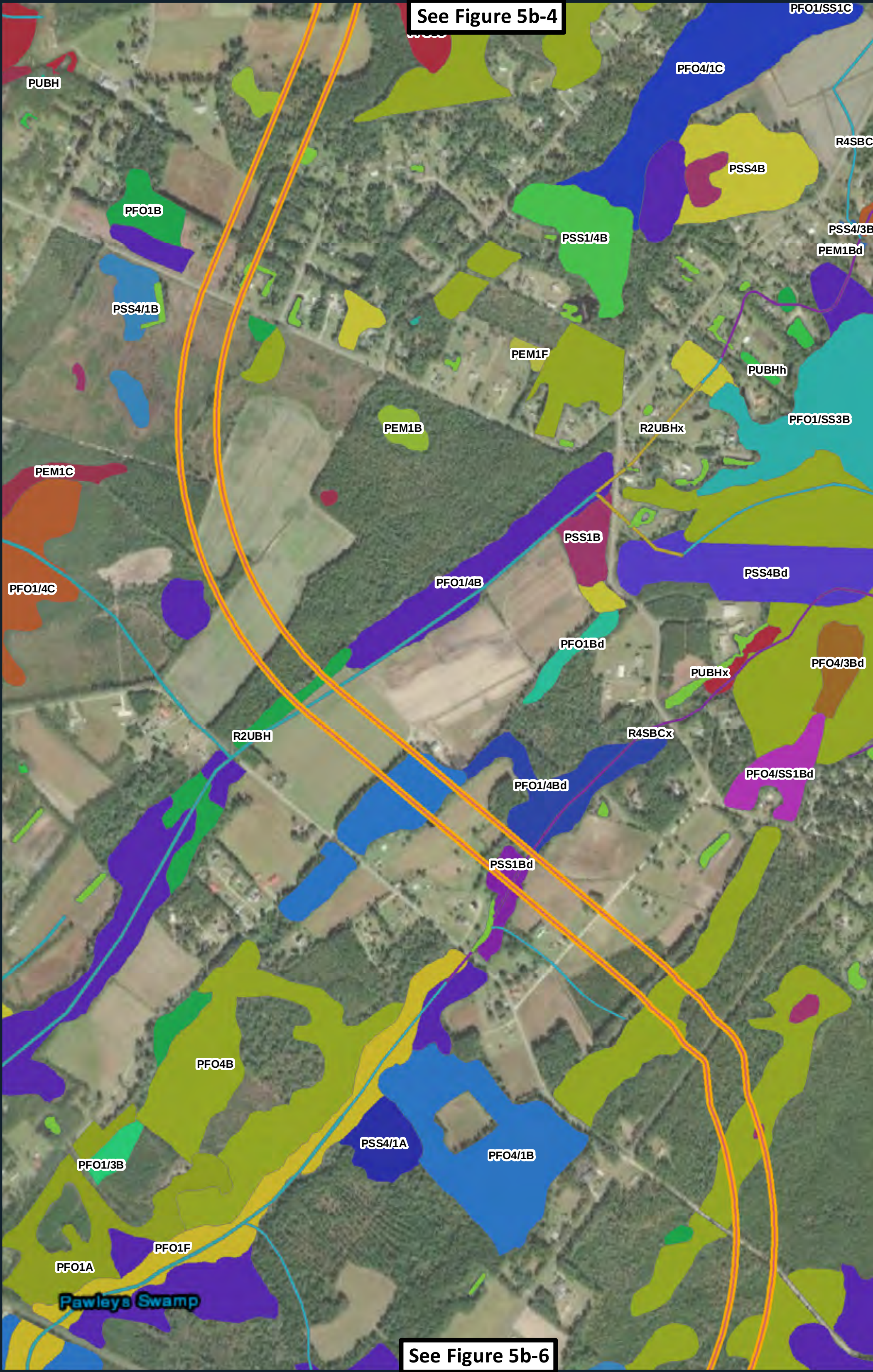
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

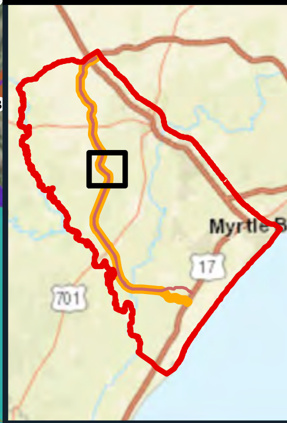
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-4
ALTERNATIVES 3 & 4
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

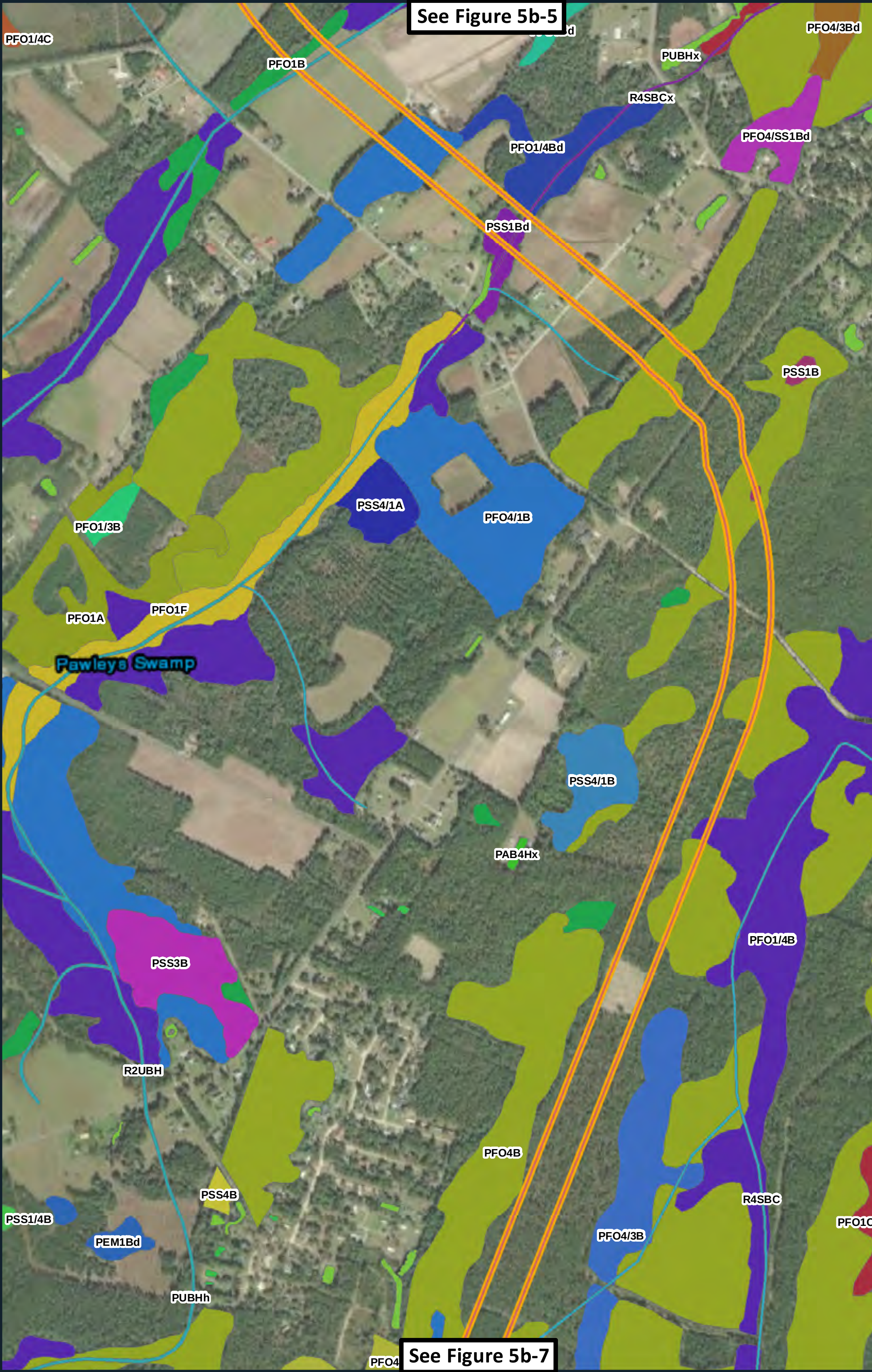
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

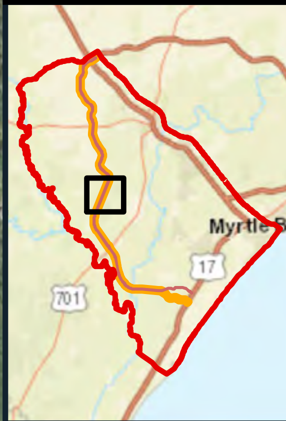
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-5
ALTERNATIVES 3 & 4
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

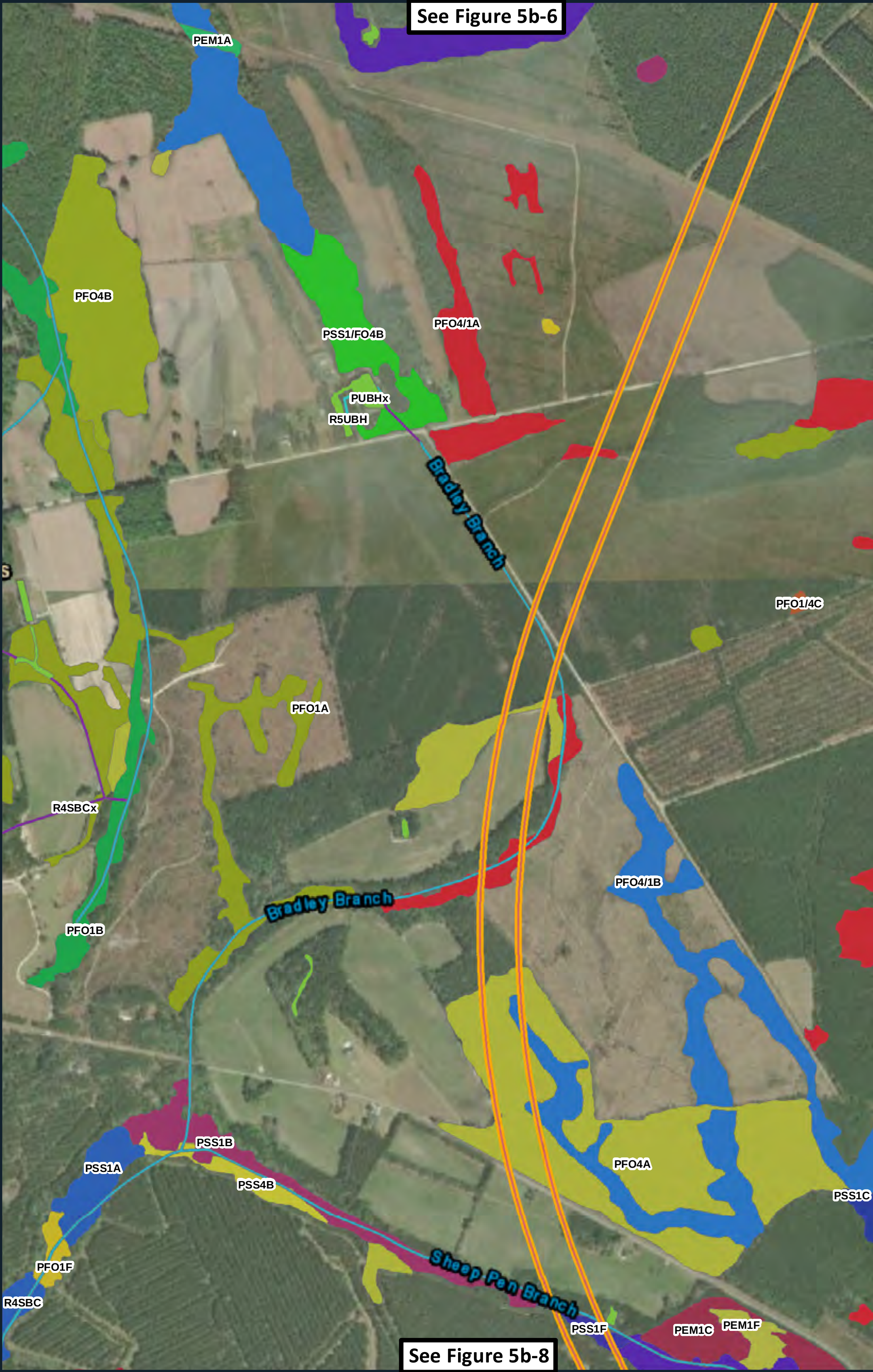
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

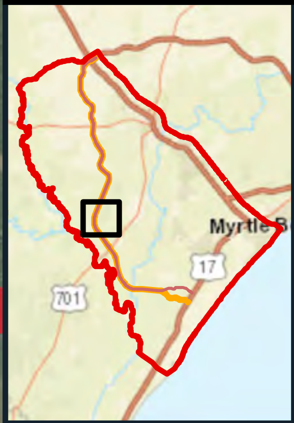
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-6
ALTERNATIVES 3 & 4
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

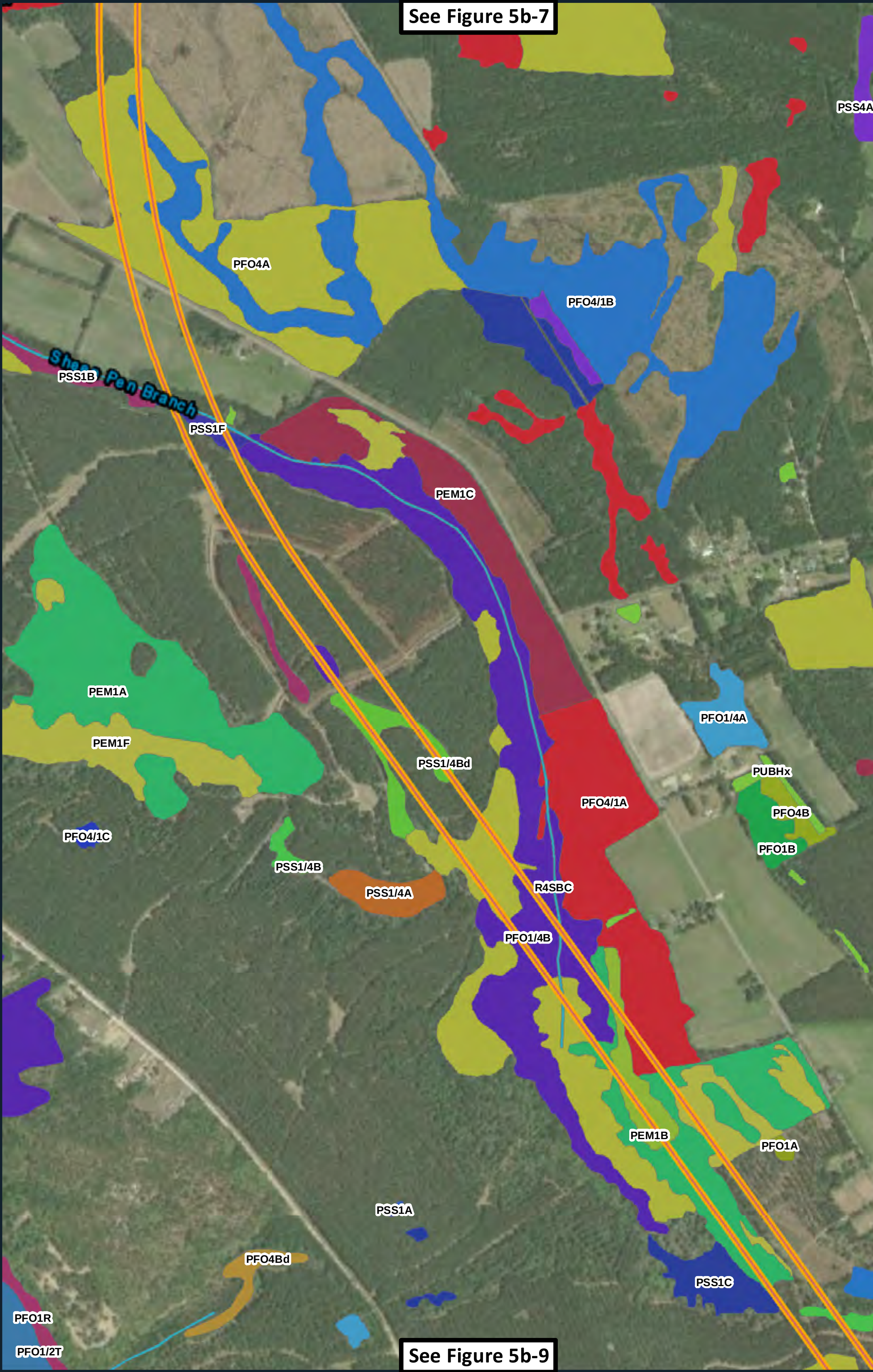
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

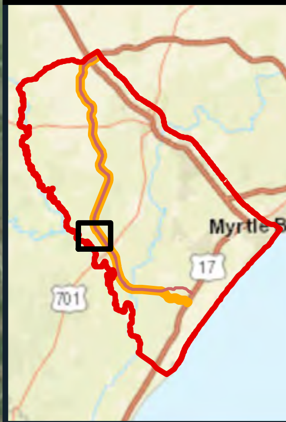
Figure 5b-7
ALTERNATIVES 3 & 4
NWI MAP

11/2022

See Figure 5b-7



See Figure 5b-9



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

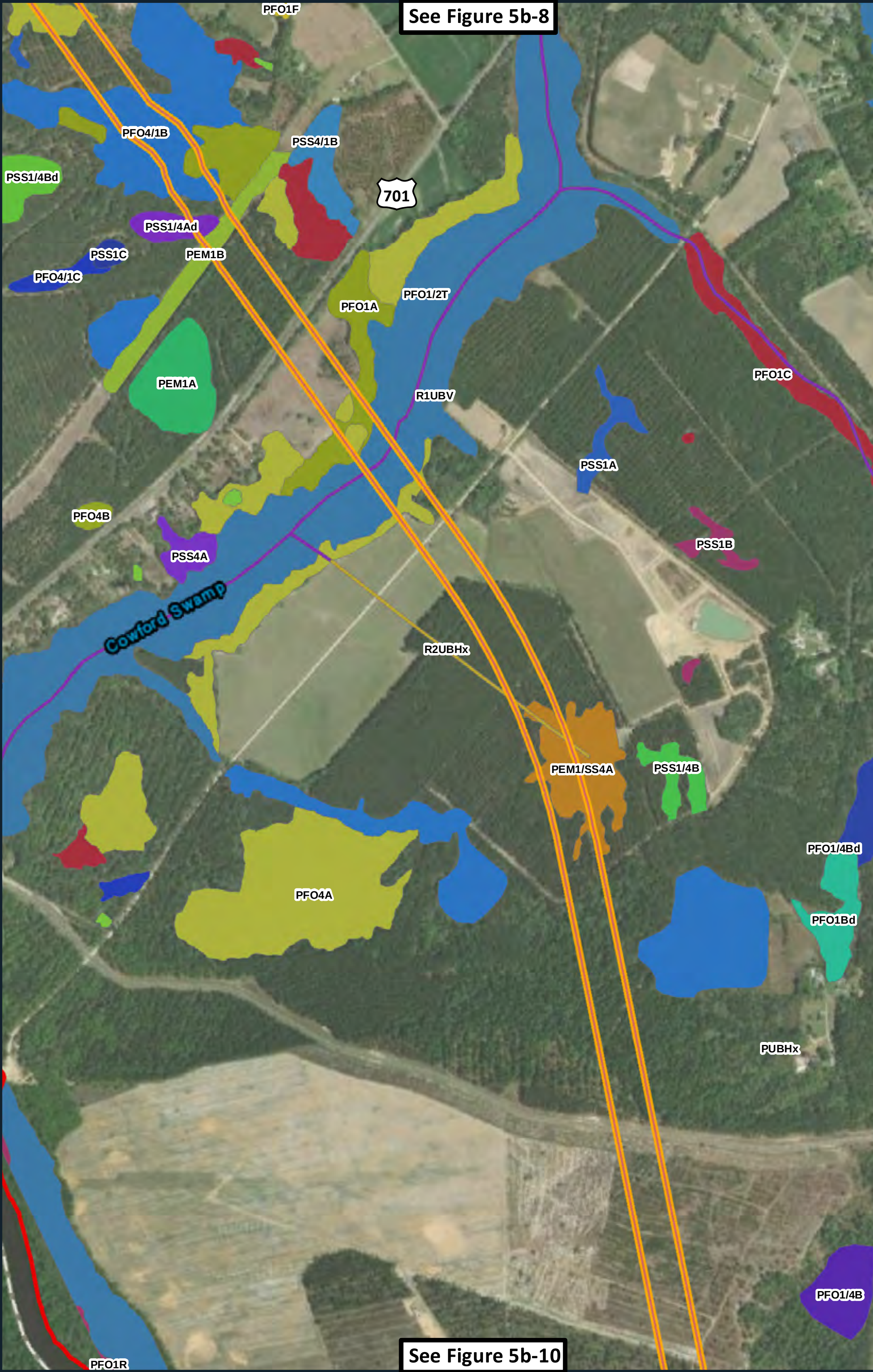
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

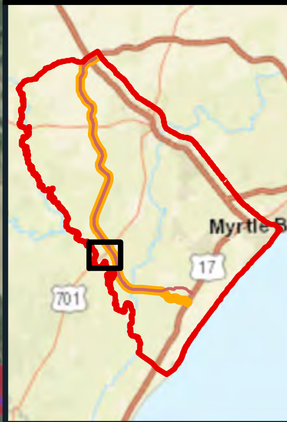
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-8
ALTERNATIVES 3 & 4
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

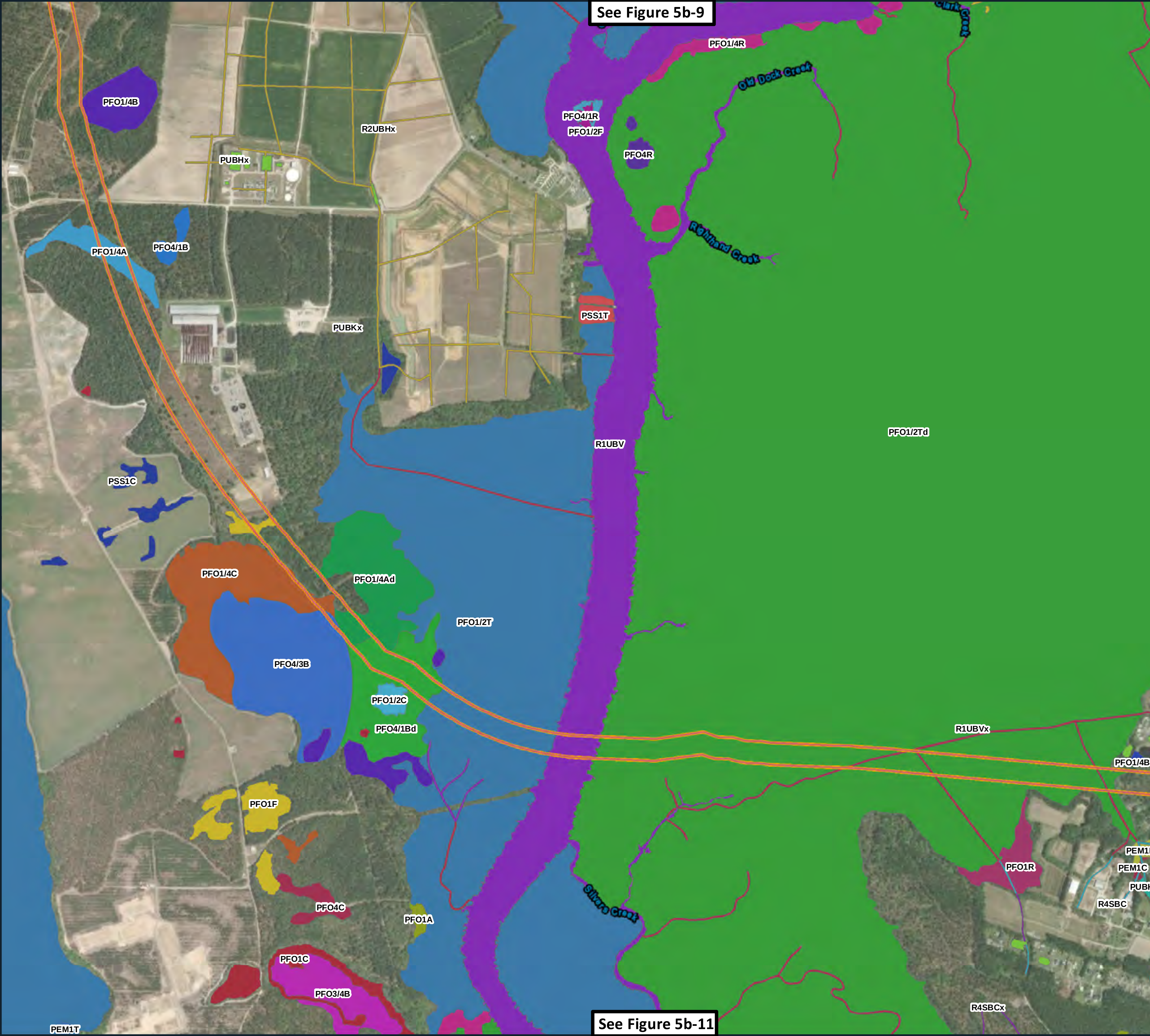
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

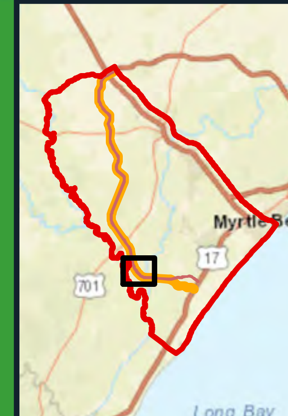
Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-9
ALTERNATIVES 3 & 4
NWI MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

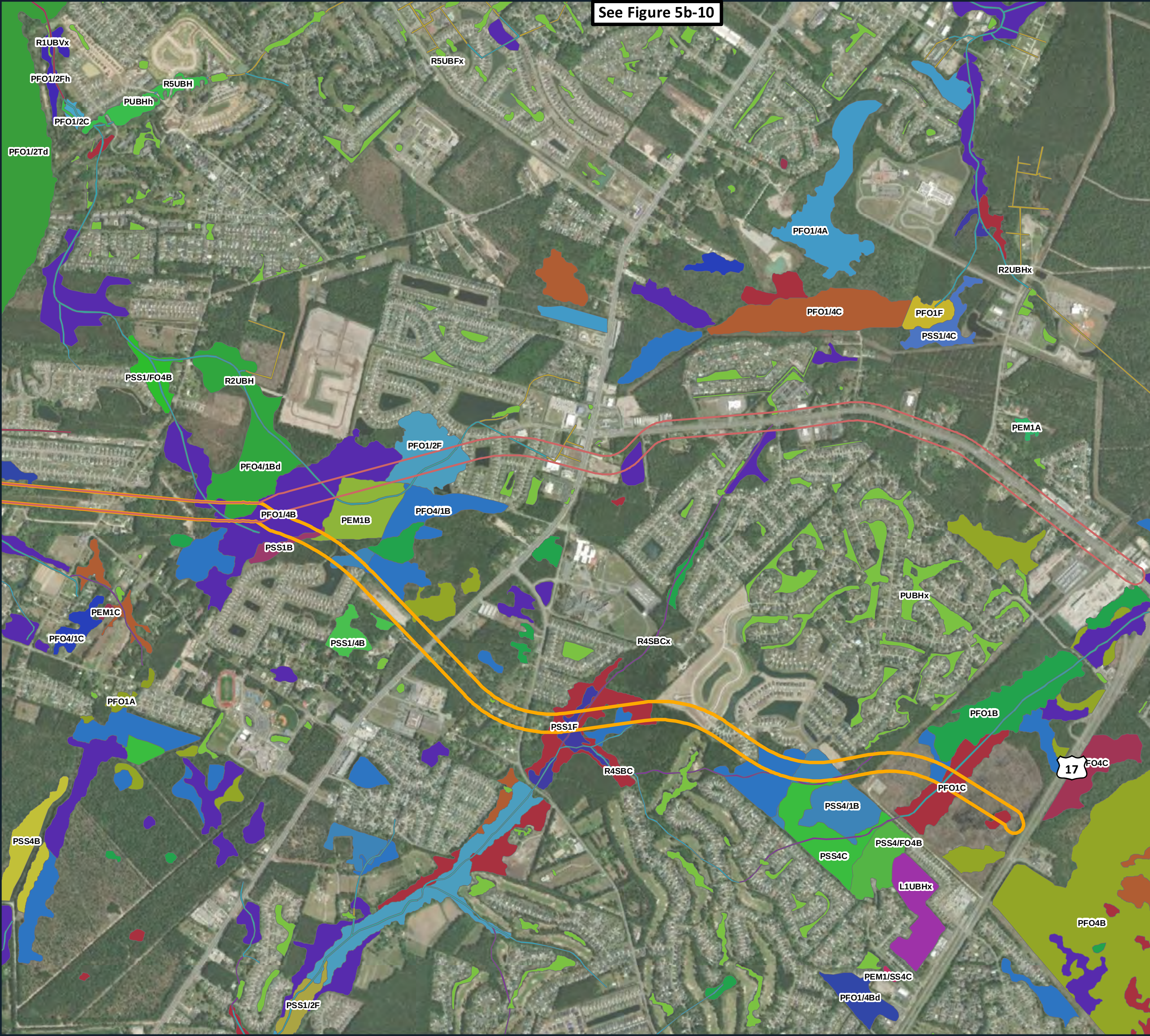
Legend

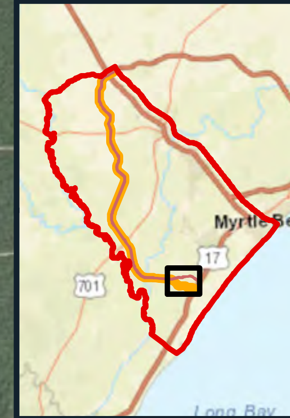
- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-10
ALTERNATIVES 3 & 4 NWI MAP

11/2022

See Figure 5b-10





1 inch = 0.38 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

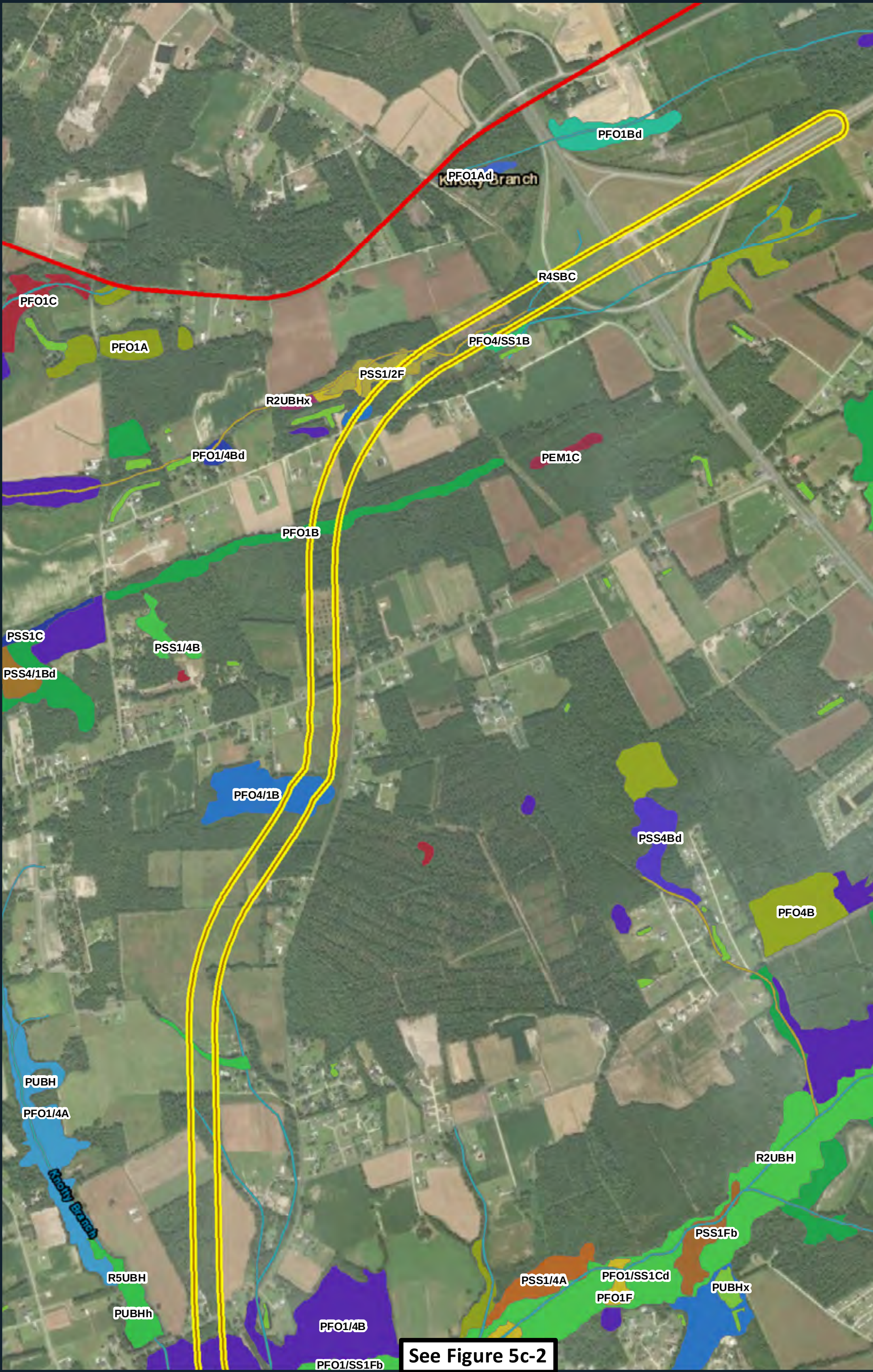
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

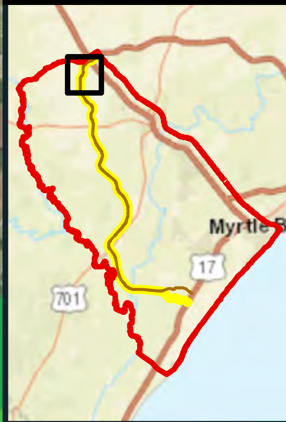
- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4

Figure 5b-11
ALTERNATIVES 3 & 4
NWI MAP

11/2022



See Figure 5c-2



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 5c-1
ALTERNATIVES 5 & 6
NWI MAP

11/2022

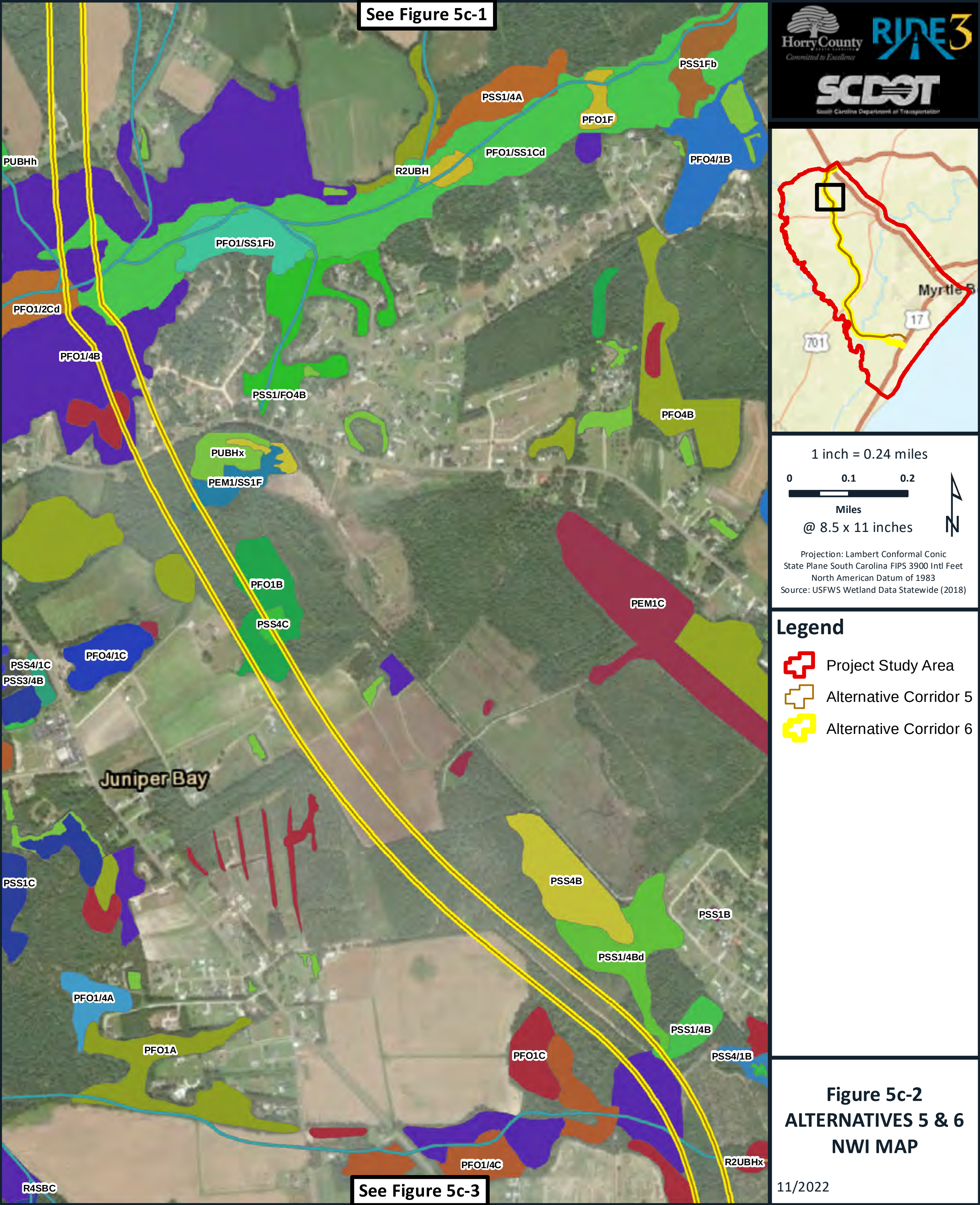
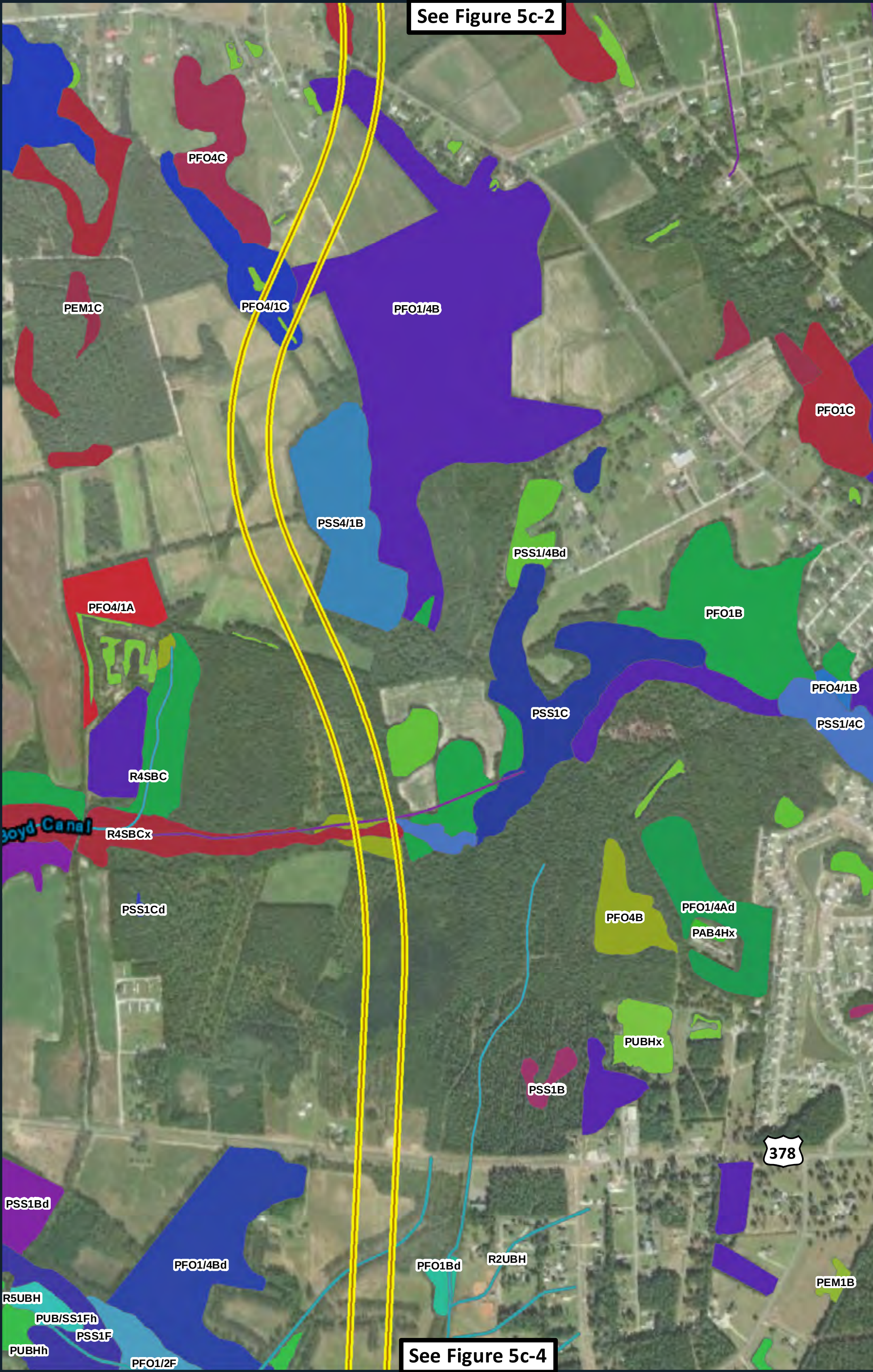


Figure 5c-2
ALTERNATIVES 5 & 6
NWI MAP

11/2022

See Figure 5c-2



See Figure 5c-4

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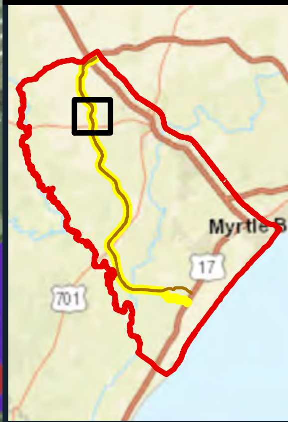
RIDE3

SCDOT South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

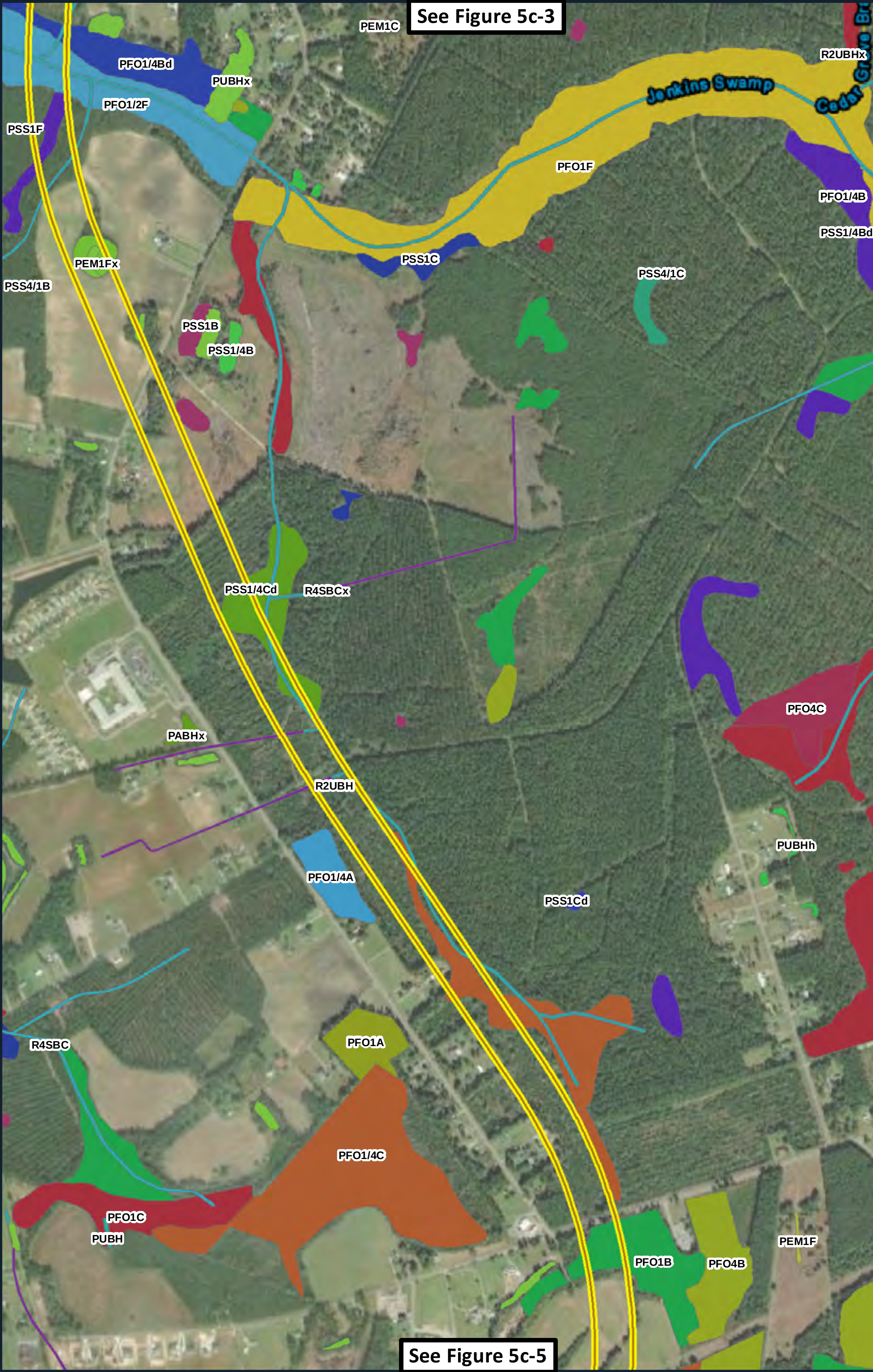
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

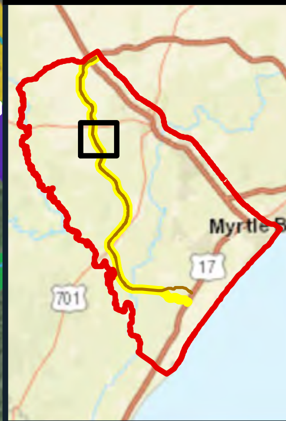
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 5c-3
ALTERNATIVES 5 & 6
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

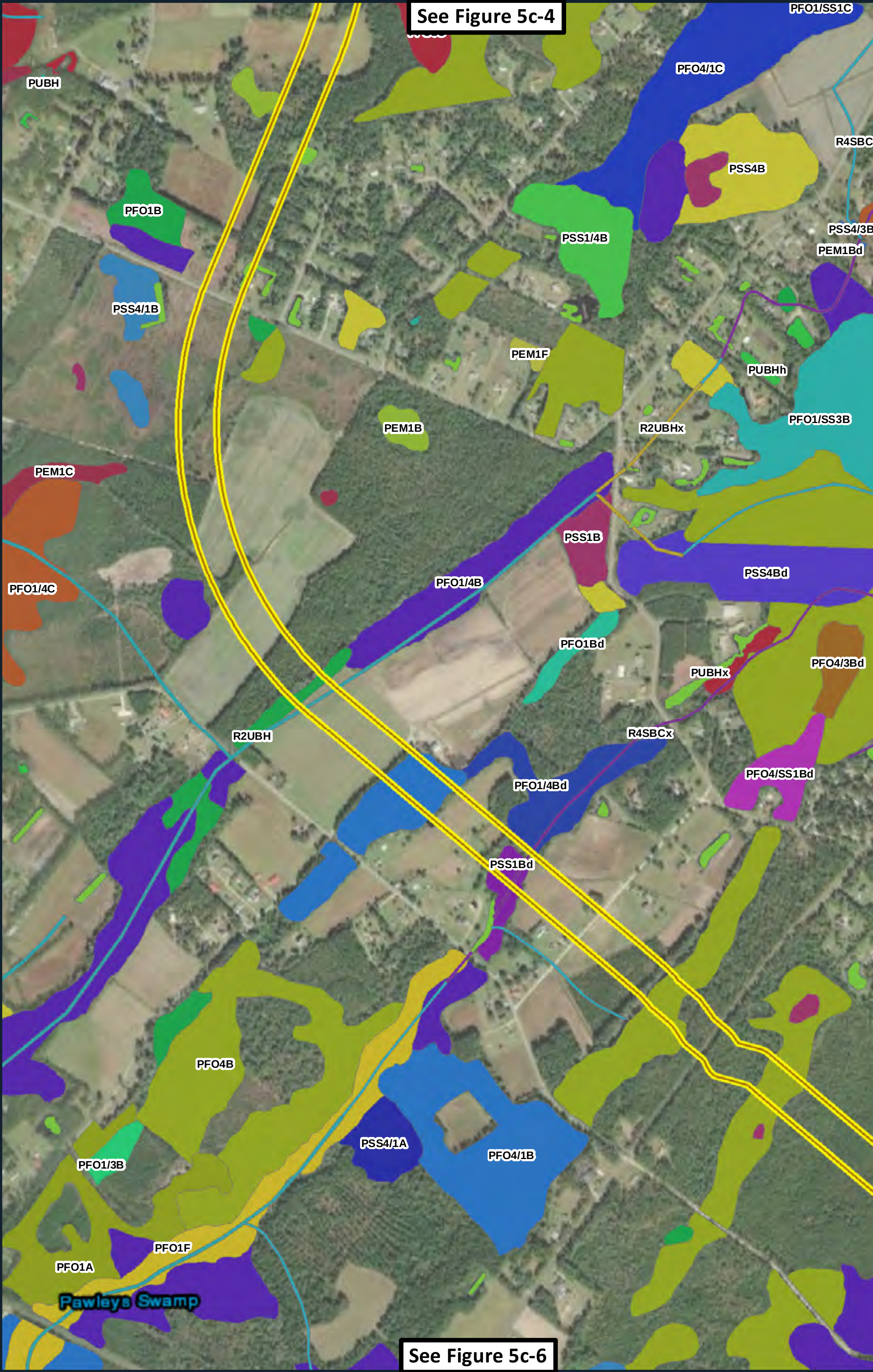
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 5c-4
ALTERNATIVES 5 & 6
NWI MAP

11/2022



Horry County
RIDE3
SCDOT
South Carolina Department of Transportation

1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

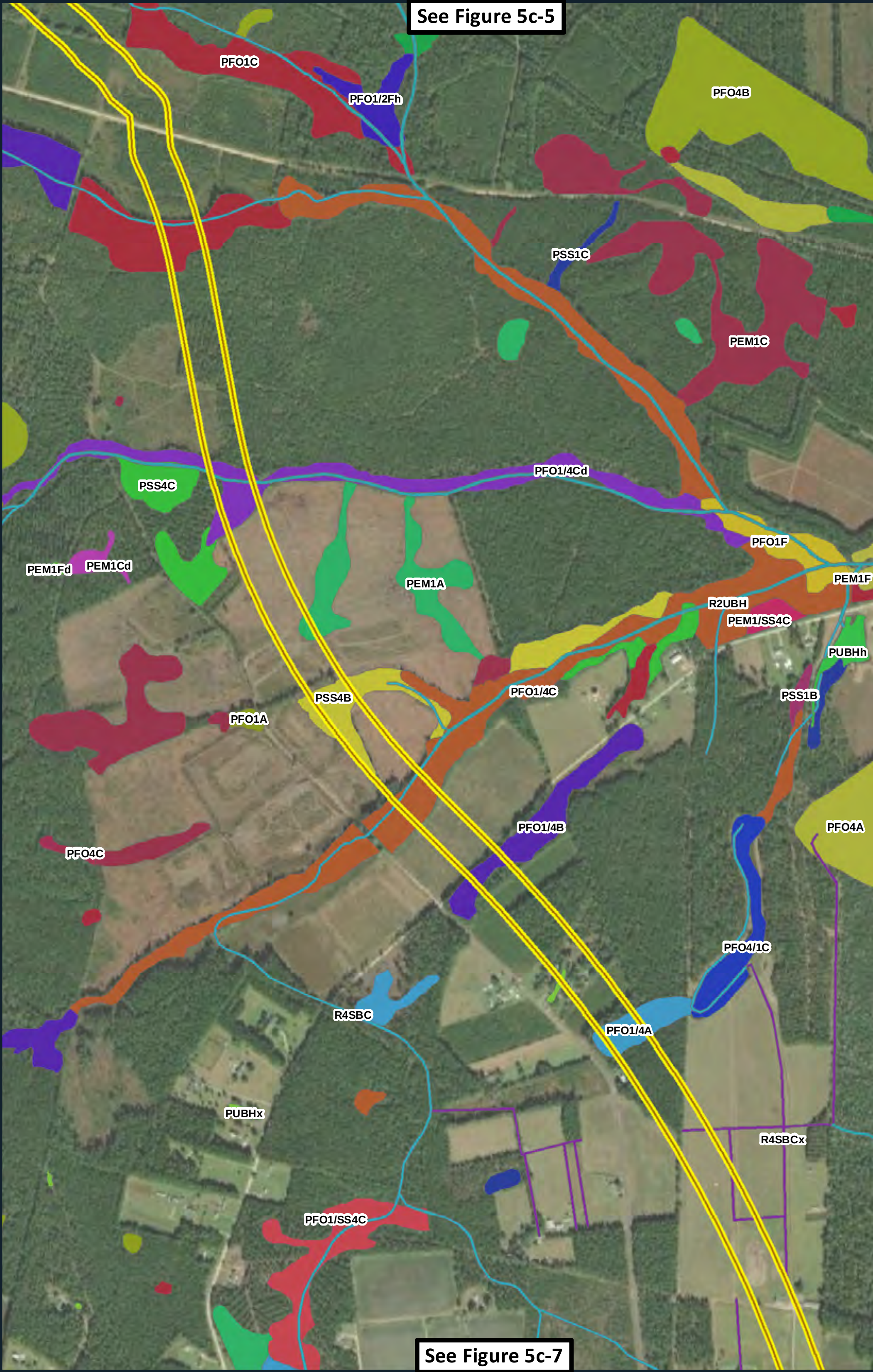
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

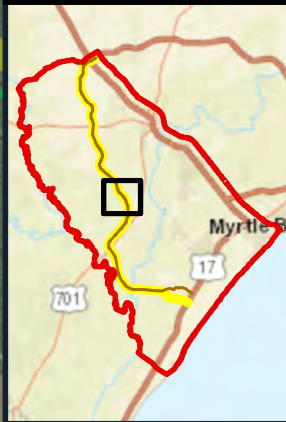
Figure 5c-5
ALTERNATIVES 5 & 6
NWI MAP

11/2022

See Figure 5c-5



See Figure 5c-7



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

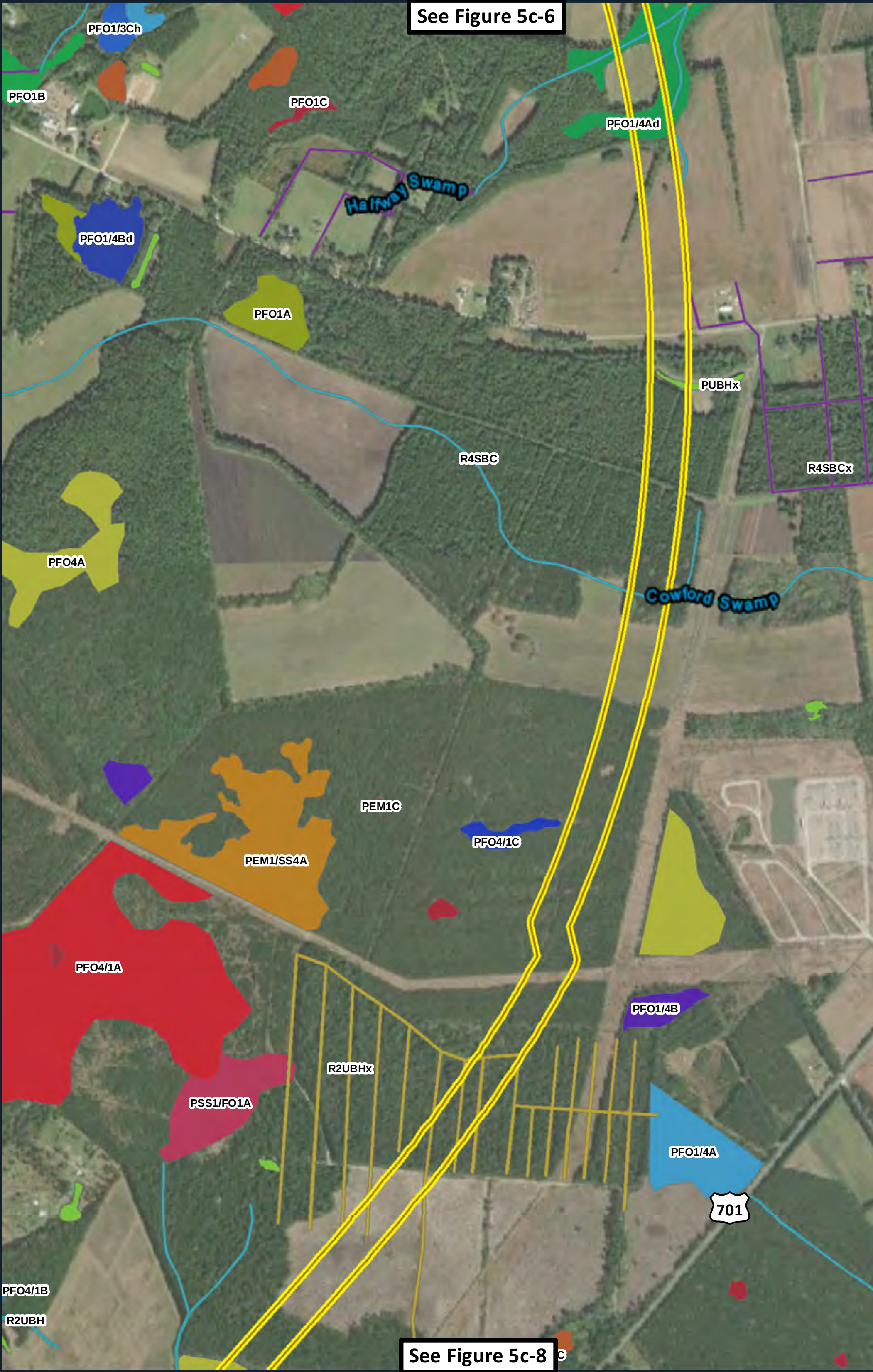
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

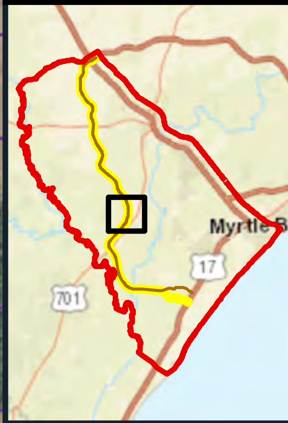
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 5c-6
ALTERNATIVES 5 & 6
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

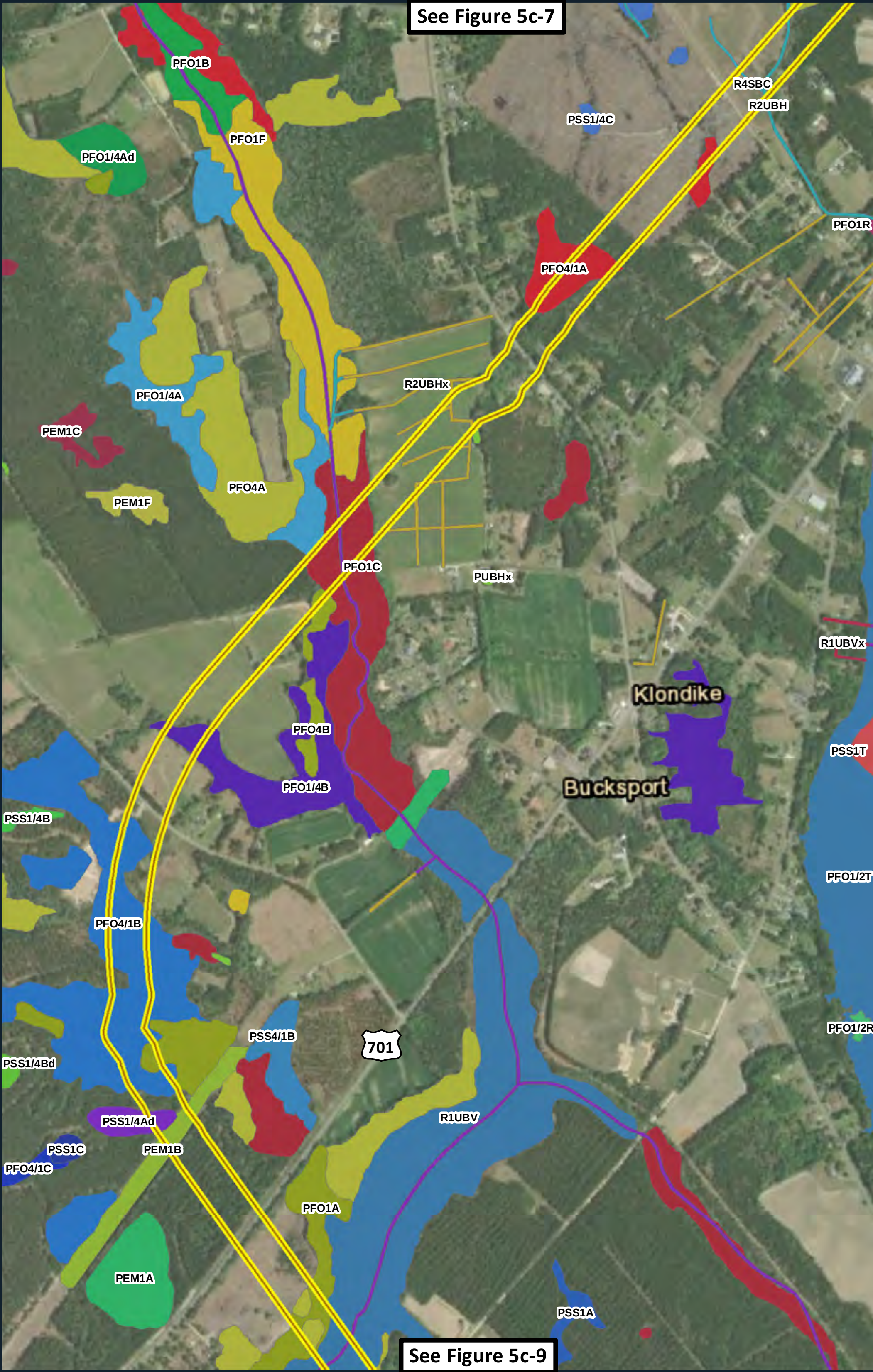
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 5c-7
ALTERNATIVES 5 & 6
NWI MAP

11/2022

See Figure 5c-7

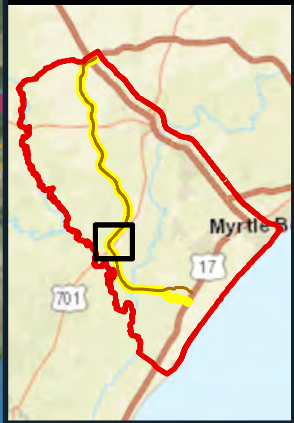


See Figure 5c-9

Horry County South Carolina Committed to Excellence

RIDE3

SCDOT South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

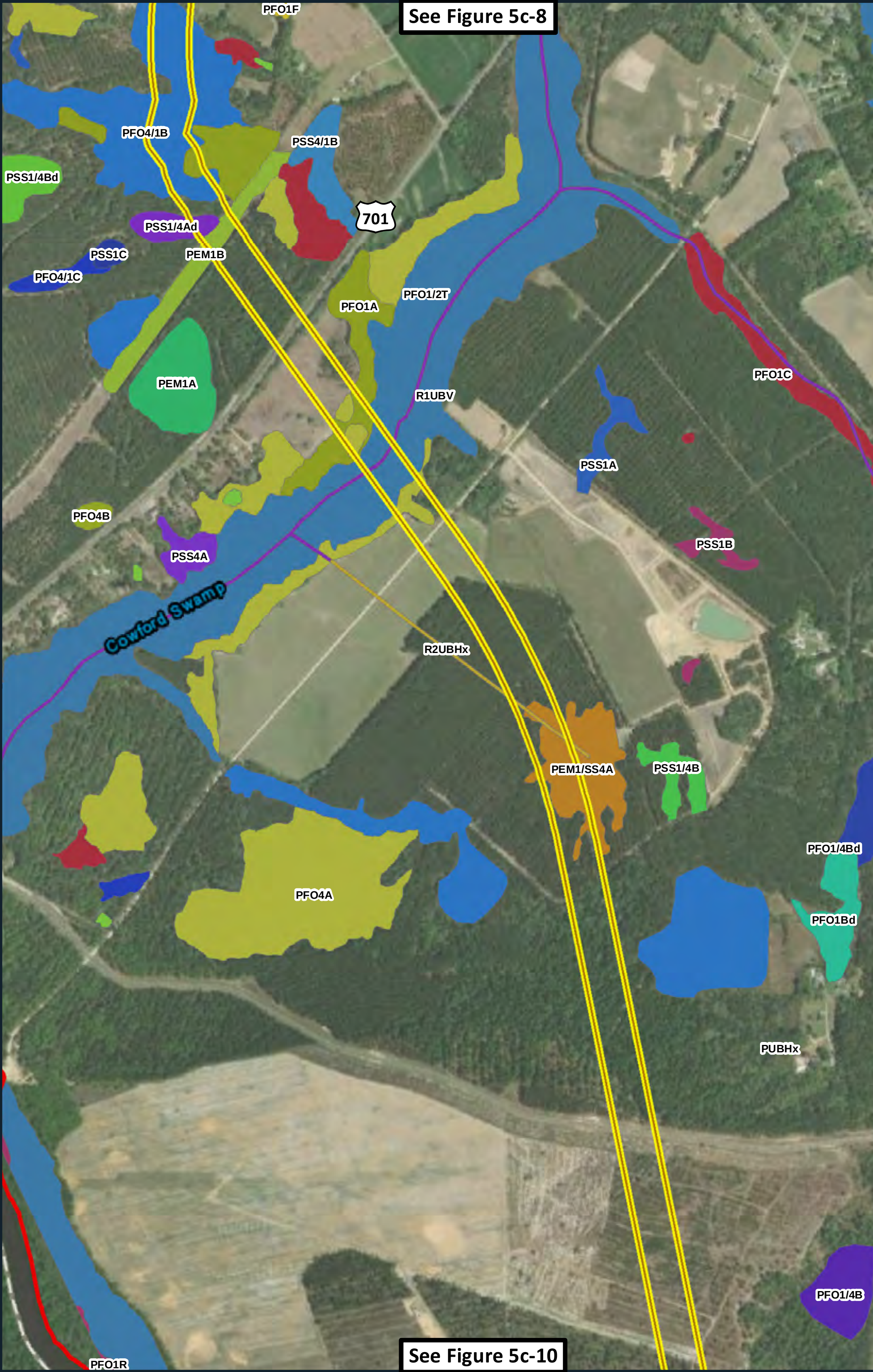
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

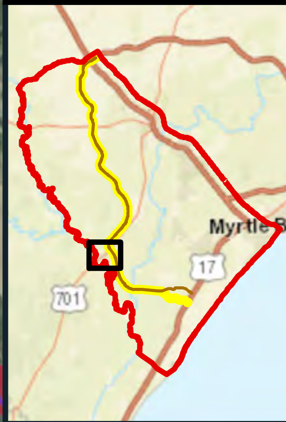
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 5c-8
ALTERNATIVES 5 & 6
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6

Figure 5c-9
ALTERNATIVES 5 & 6
NWI MAP

11/2022

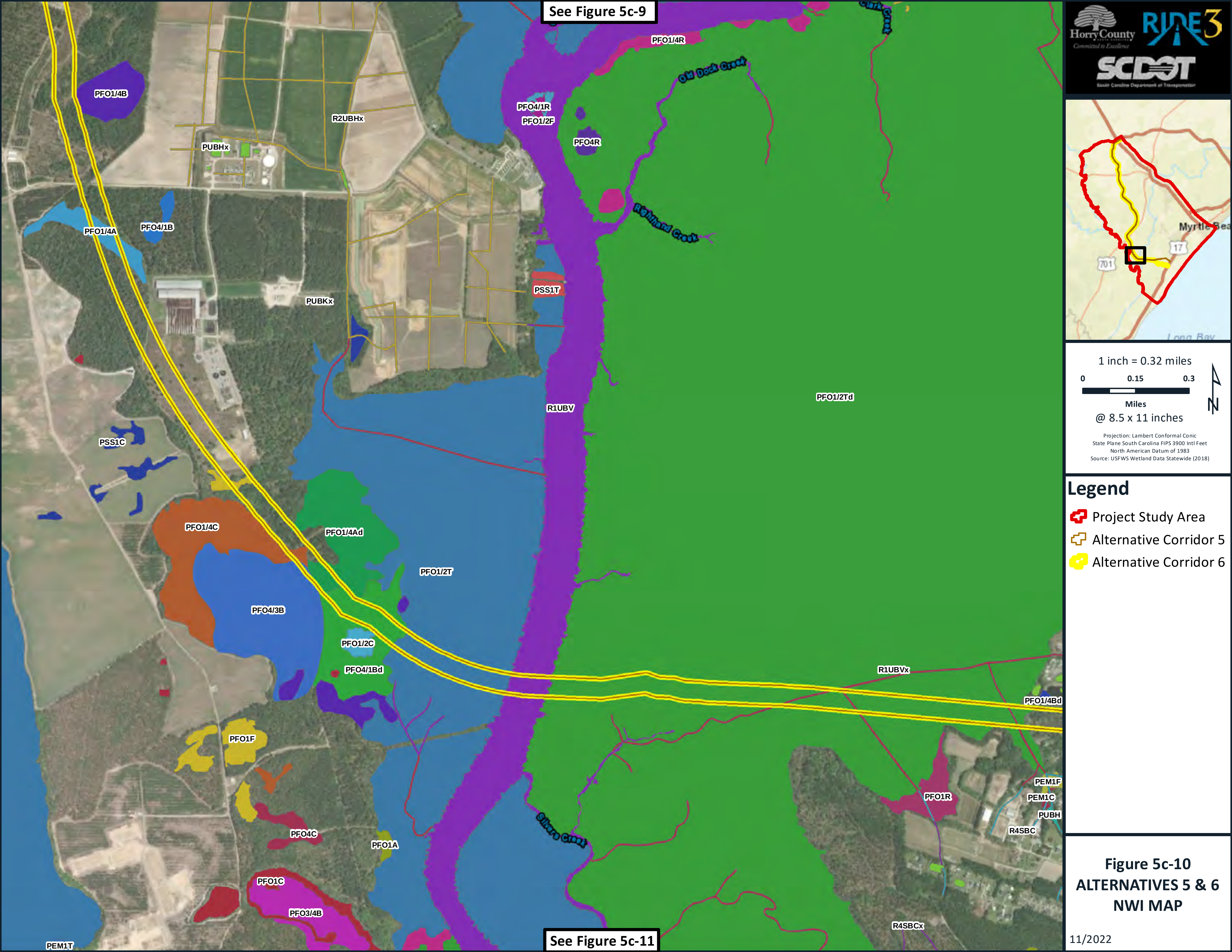
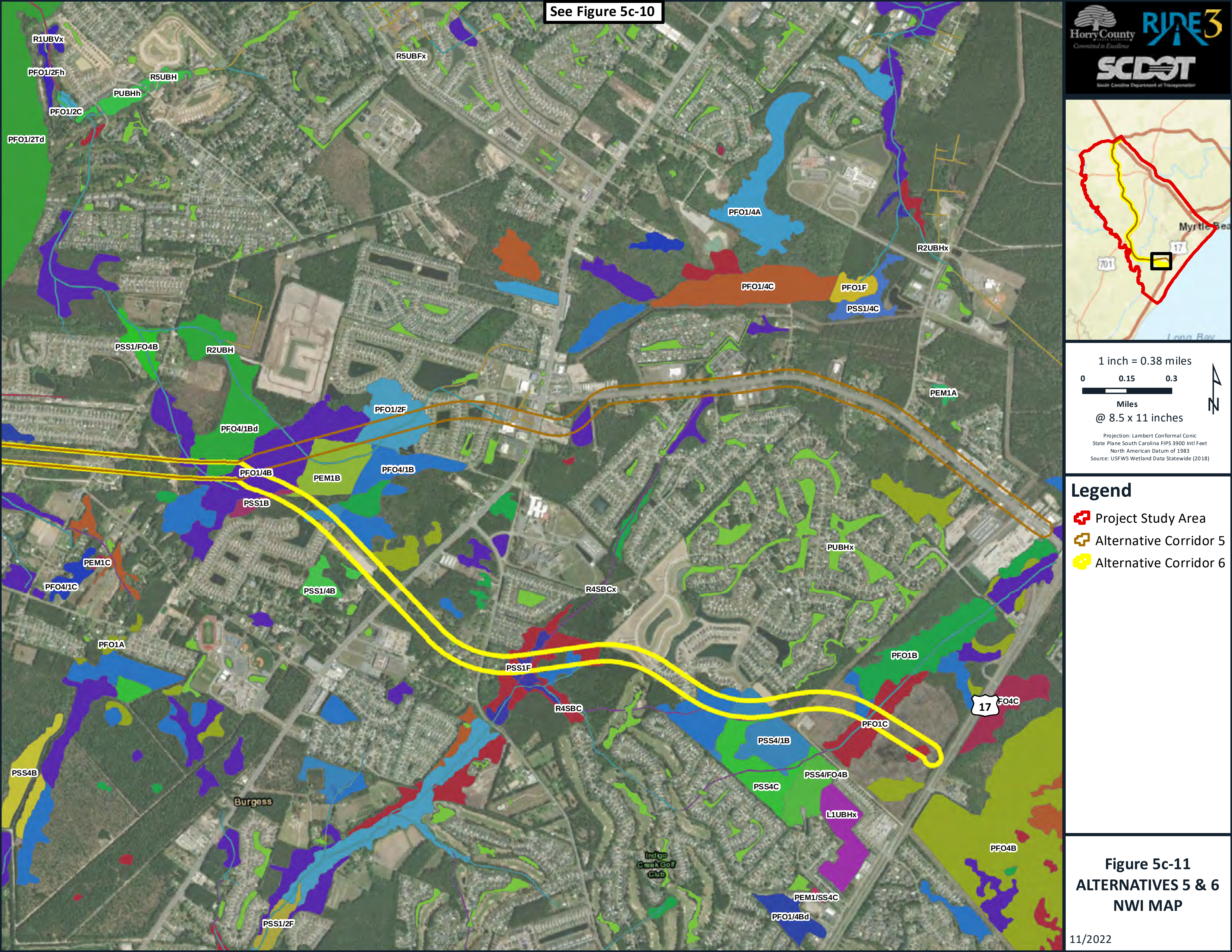
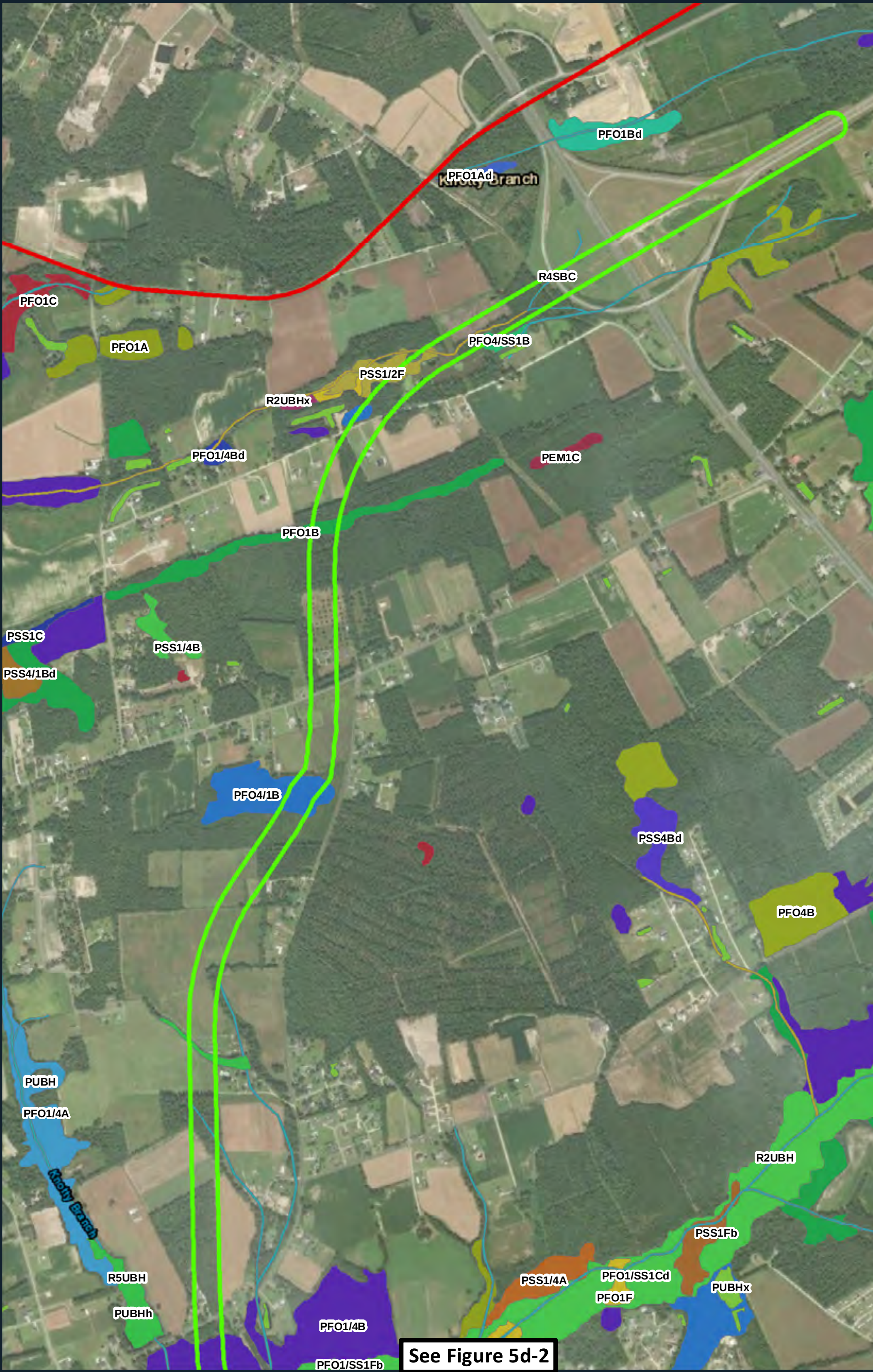


Figure 5c-10
ALTERNATIVES 5 & 6
NWI MAP

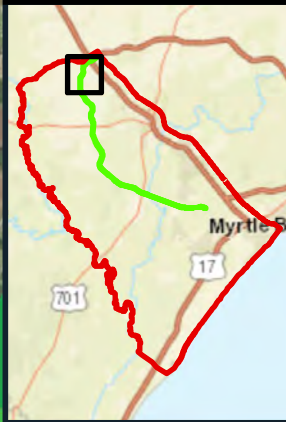
11/2022



See Figure 5c-10
R1UBVx
PFO1/2Fh
R5UBH
PUBHh
PFO1/2C
PFO1/2Td
R5UBFx
PFO1/4A
R2UBHx
PFO1/4C
PFO1F
PSS1/4C
PSS1/FO4B
R2UBH
PEM1A
PFO1/2F
PFO4/1Bd
PFO1/4B
PEM1B
PFO4/1B
PSS1B
PUBHx
PEM1C
PFO4/1C
PSS1/4B
R4SBCx
PFO1A
PFO1B
PSS1F
R4SBC
17
FO4C
PFO1C
PSS4/1B
PSS4B
PSS4/FO4B
PSS4C
Burgess
L1UBHx
PFO4B
PEM1/SS4C
PFO1/4Bd
PSS1/2F
Horry County
Committed to Excellence
RIDE 3
SCDOT
South Carolina Department of Transportation
Myrtle Bea
17
701
Long Bay
1 inch = 0.38 miles
0
0.15
0.3
Miles
@ 8.5 x 11 inches
N
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)
Legend
Project Study Area
Alternative Corridor 5
Alternative Corridor 6
Figure 5c-11
ALTERNATIVES 5 & 6
NWI MAP
11/2022



See Figure 5d-2



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

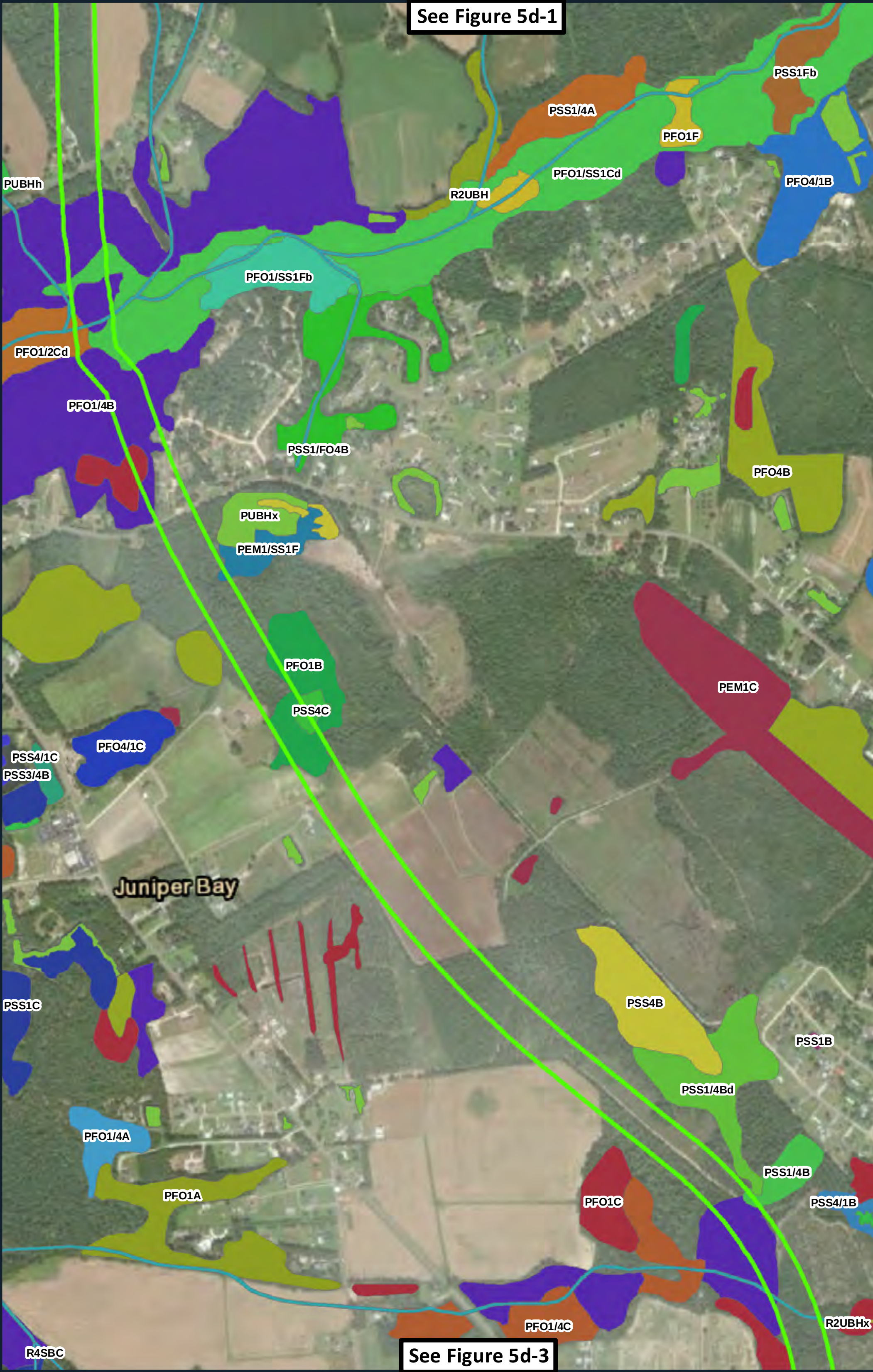
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

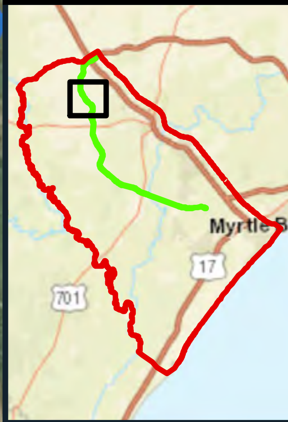
Legend

- Project Study Area
- Alternative Corridor 7

Figure 5d-1
ALTERNATIVE 7
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

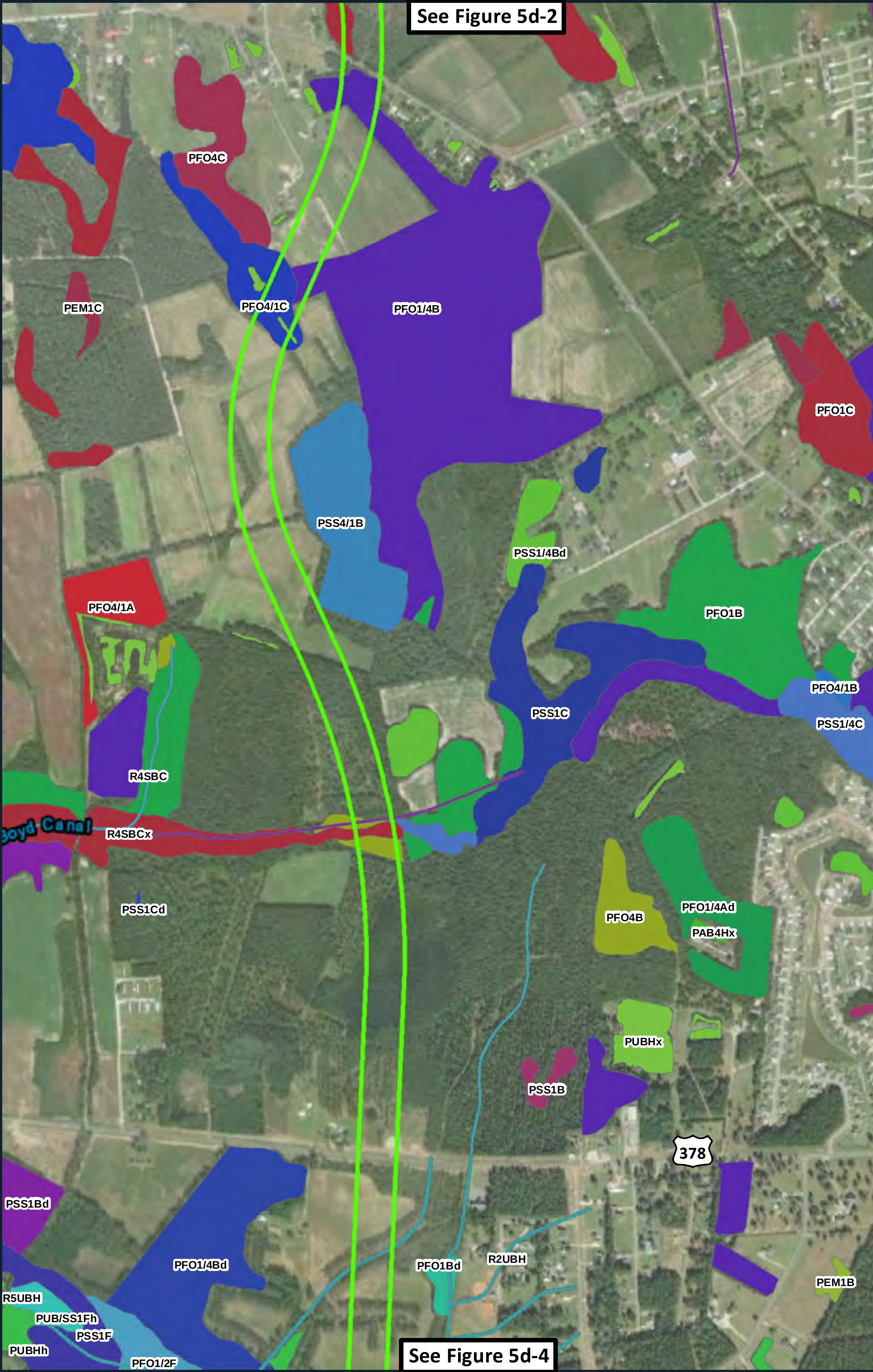
Legend

Project Study Area

Alternative Corridor 7

Figure 5d-2
ALTERNATIVE 7
NWI MAP

11/2022



Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation

1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

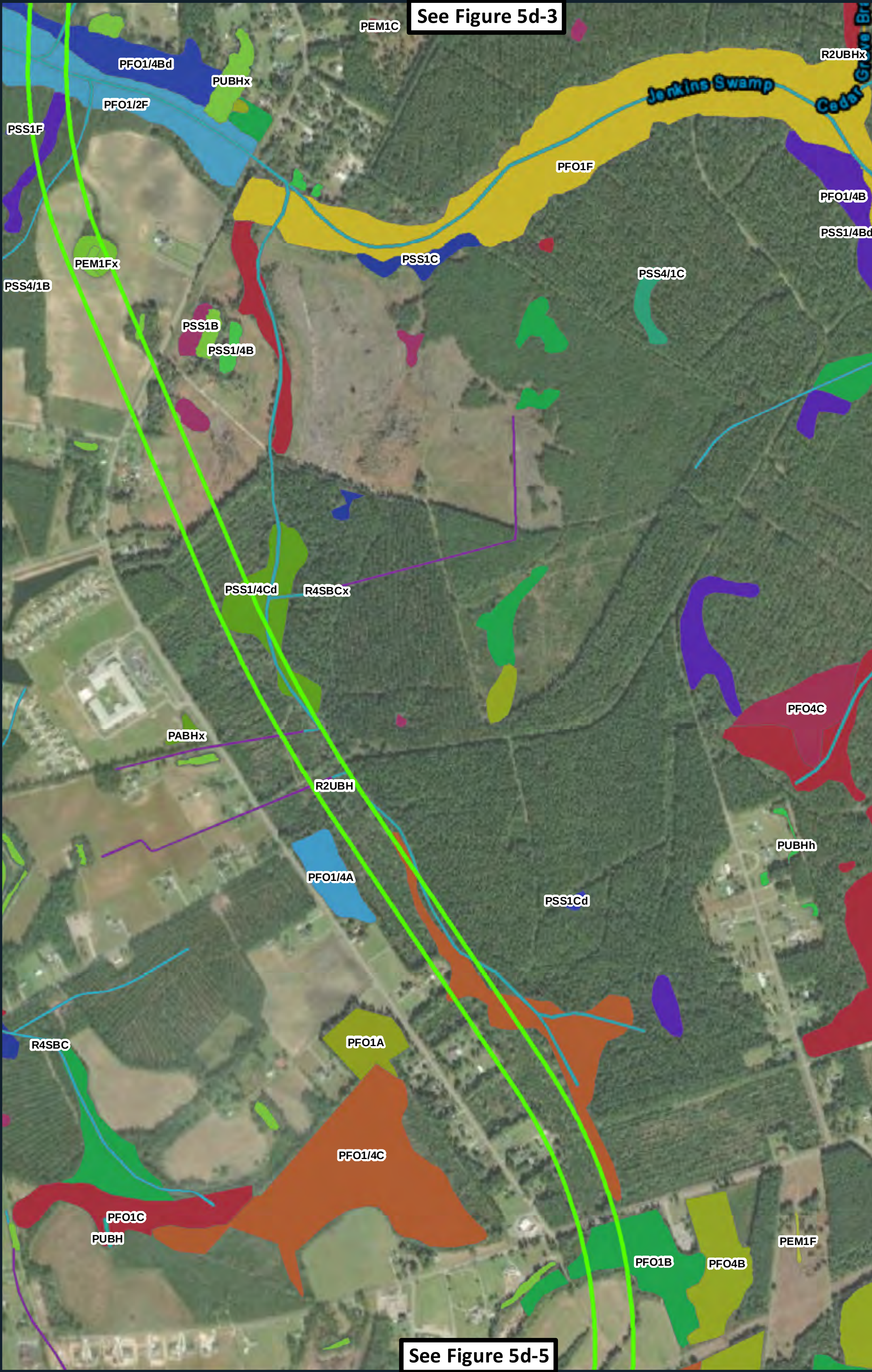
Project Study Area

Alternative Corridor 7

Figure 5d-3 ALTERNATIVE 7 NWI MAP

11/2022

See Figure 5d-3

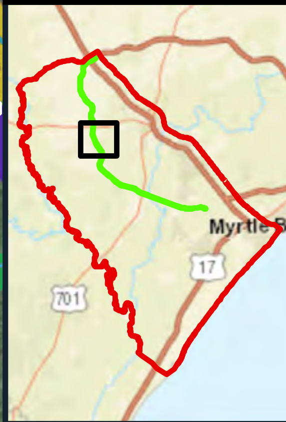


See Figure 5d-5

Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

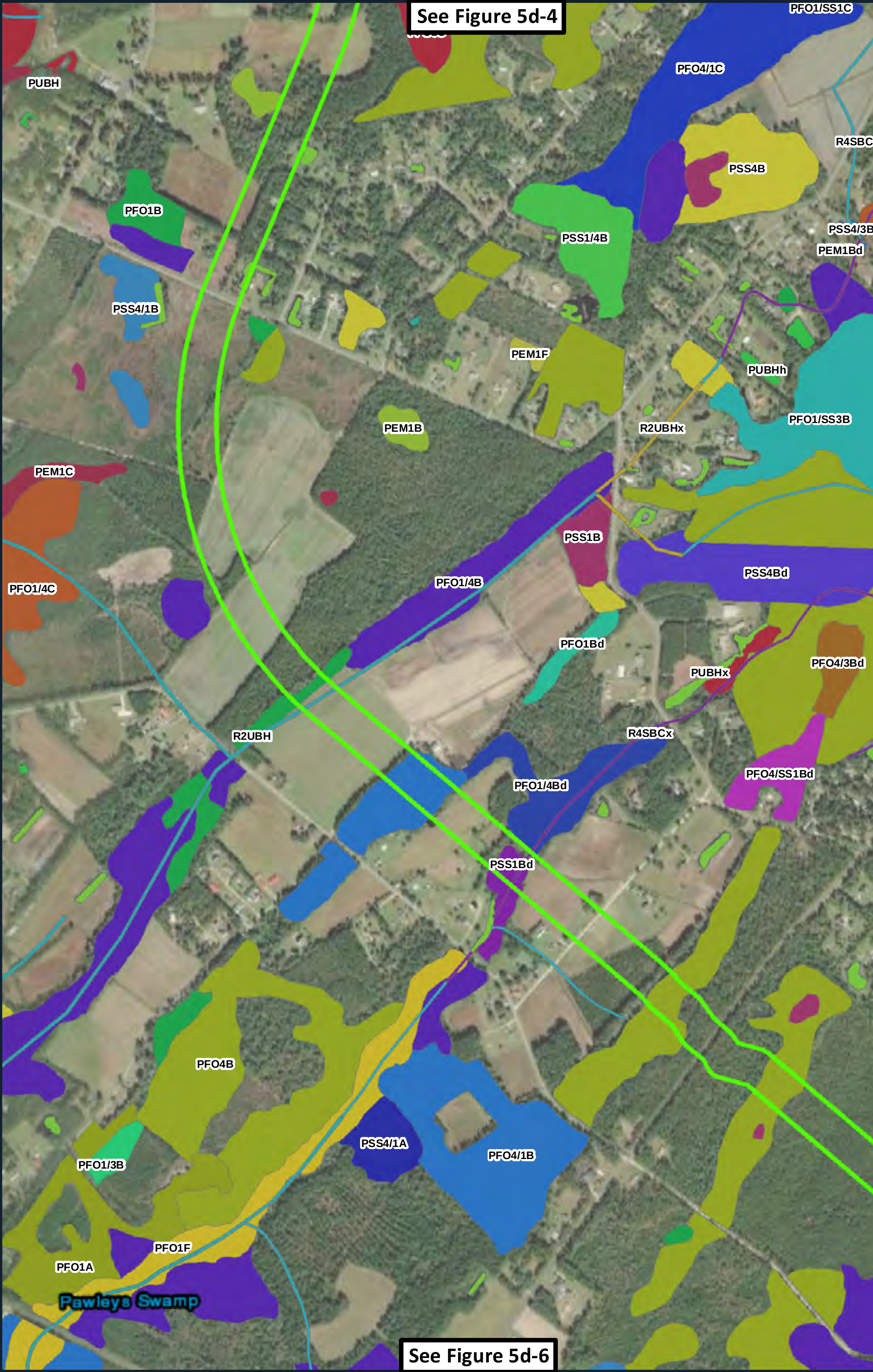
Legend

- Project Study Area
- Alternative Corridor 7

Figure 5d-4
ALTERNATIVE 7
NWI MAP

11/2022

See Figure 5d-4

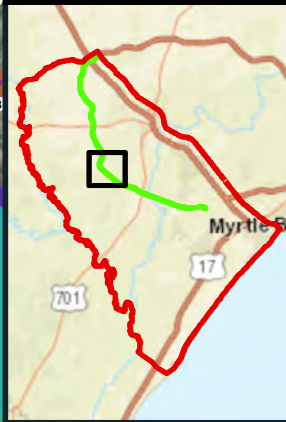


See Figure 5d-6

Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

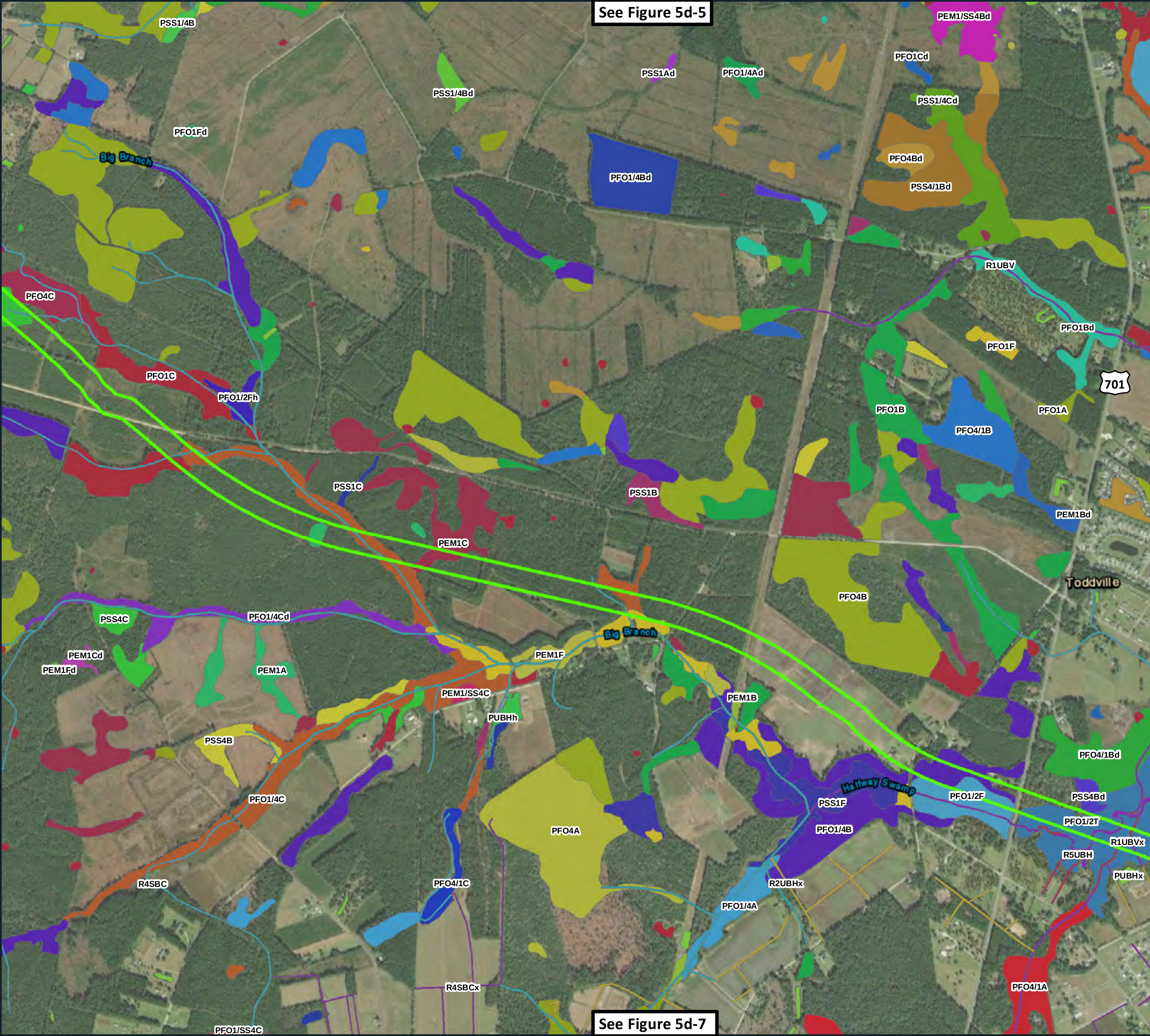
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

Project Study Area
Alternative Corridor 7

Figure 5d-5
ALTERNATIVE 7
NWI MAP

11/2022



Horry County
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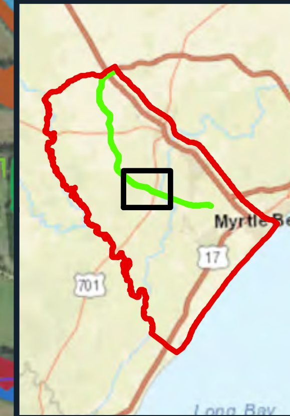
RIDE 3
SCDOT
South Carolina Department of Transportation



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

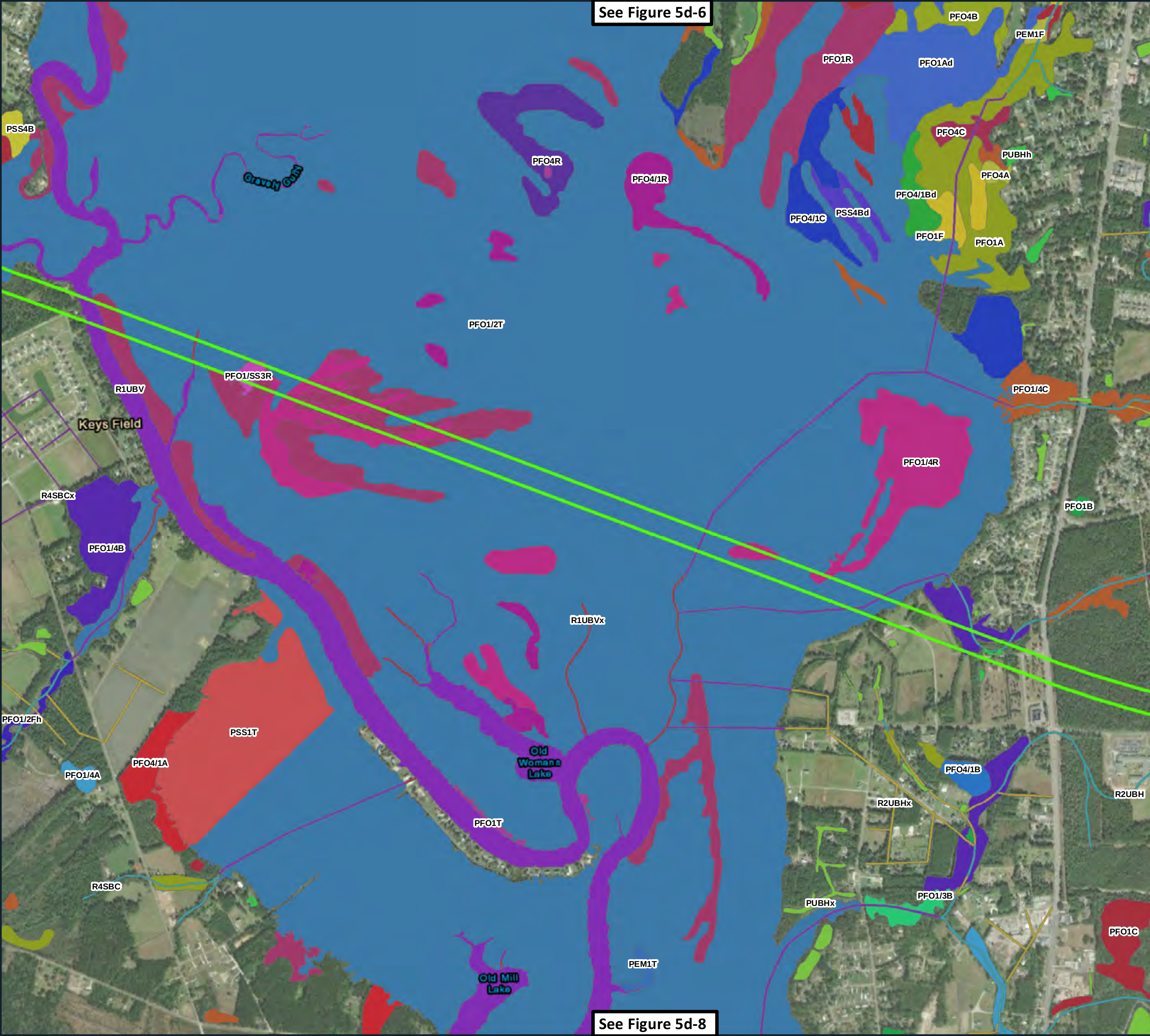
Legend

- Project Study Area
- Alternative Corridor 7

Figure 5d-6
ALTERNATIVE 7 NWI MAP

11/2022

See Figure 5d-6

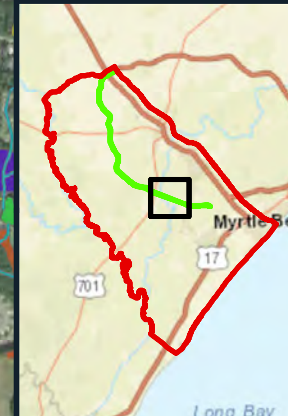


See Figure 5d-8

Horry County
Committed to Excellence

RIDE 3

SCDOT
South Carolina Department of Transportation



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

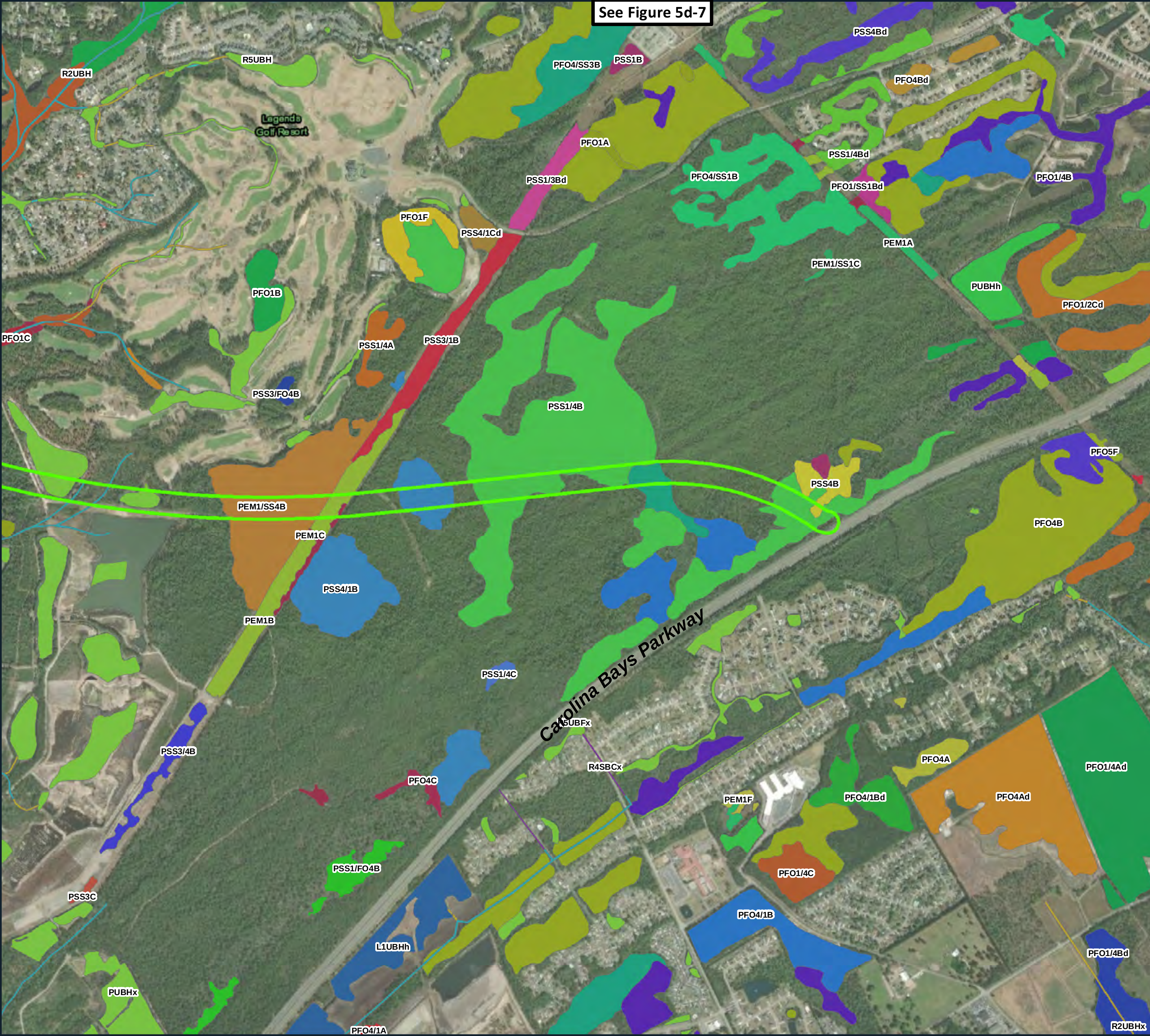
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

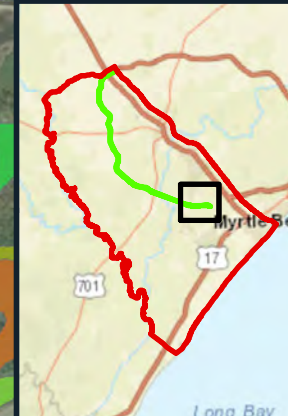
Legend

- Project Study Area
- Alternative Corridor 7

Figure 5d-7
ALTERNATIVE 7 NWI MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

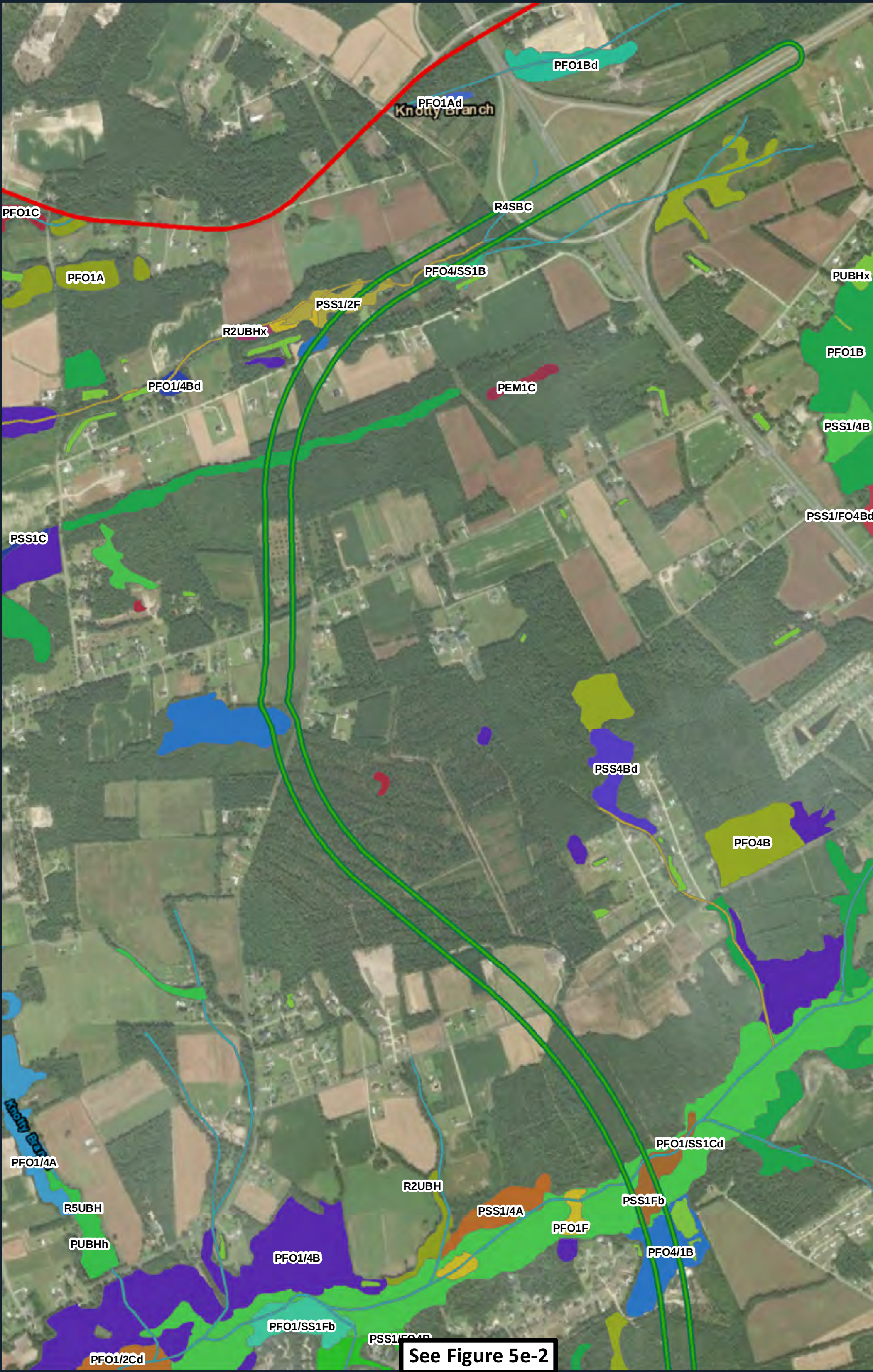
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

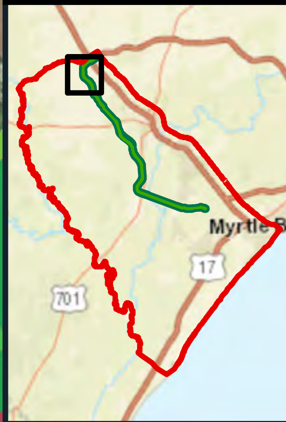
Legend

- Project Study Area
- Alternative Corridor 7

Figure 5d-8
ALTERNATIVE 7 NWI MAP

11/2022





1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

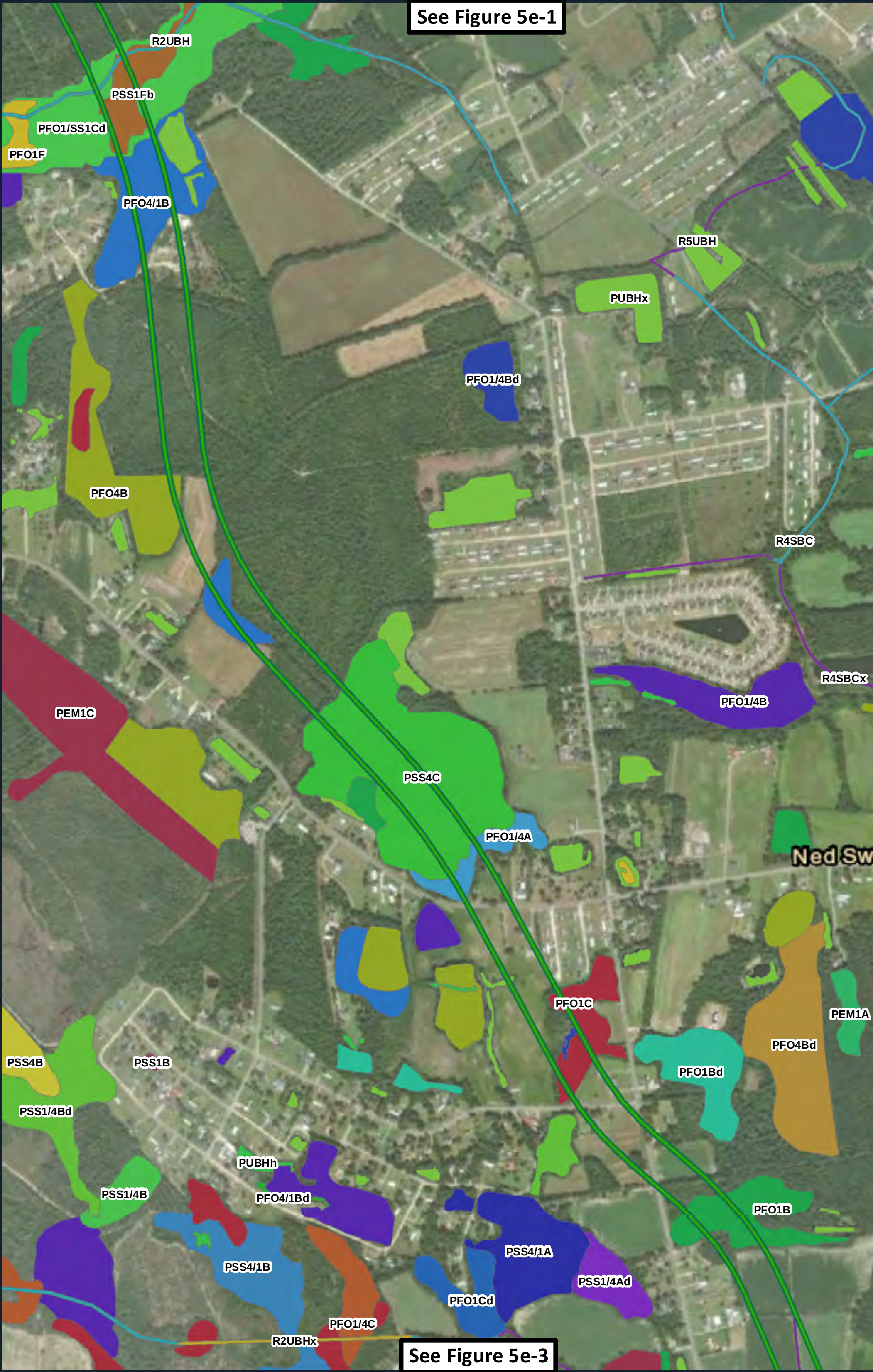
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

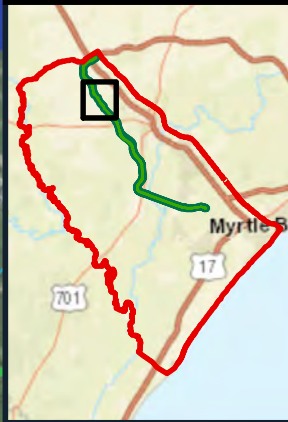
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 5e-1
ALTERNATIVES 8 & 9
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

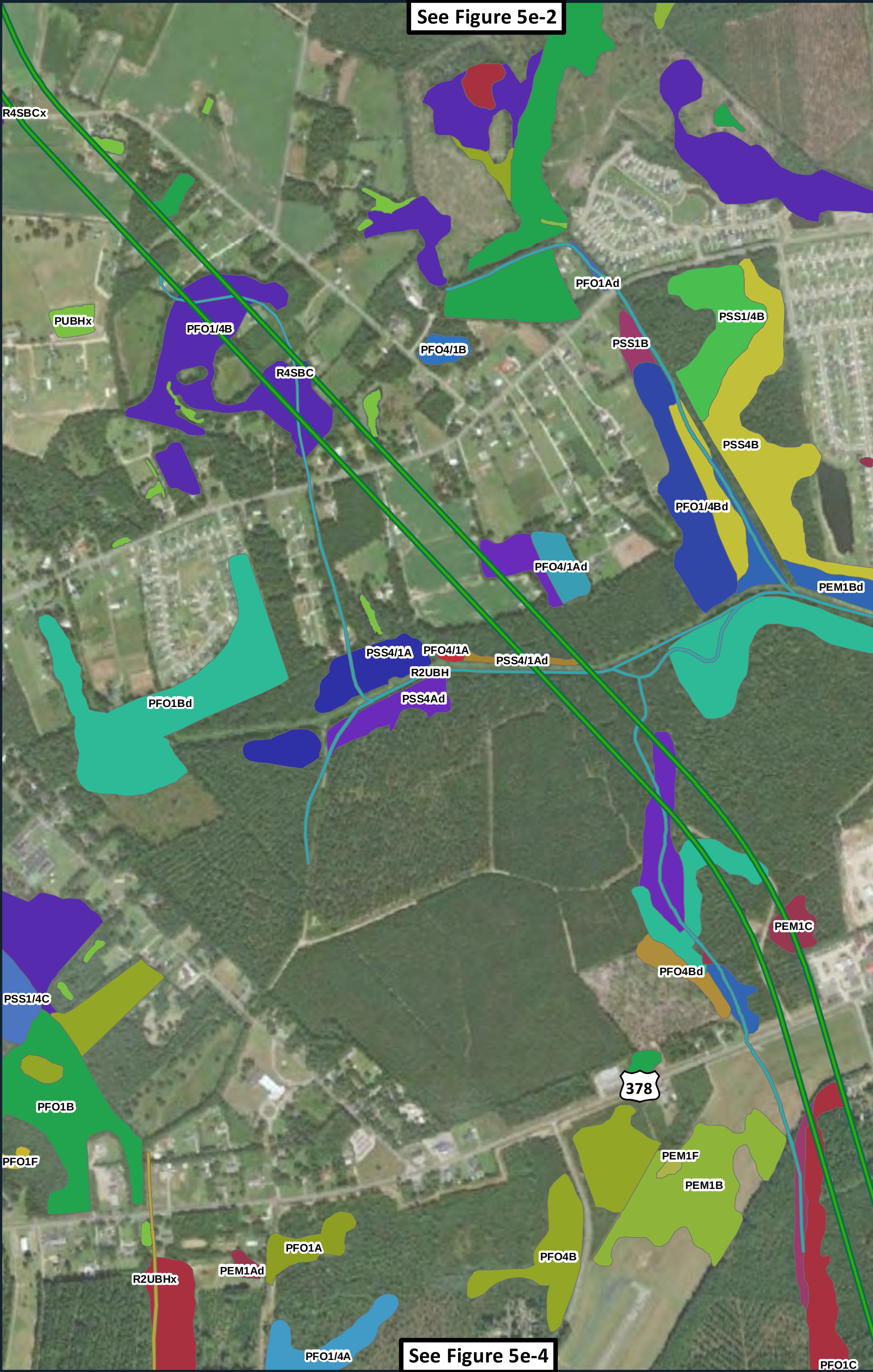
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

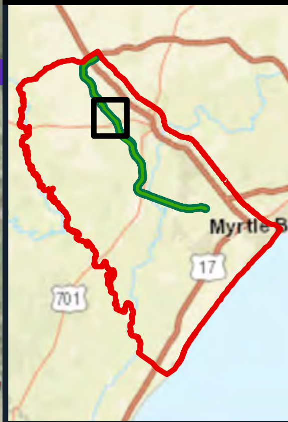
- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 5e-2
ALTERNATIVES 8 & 9
NWI MAP

11/2022



Horry County
Committed to Excellence
RIDE 3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

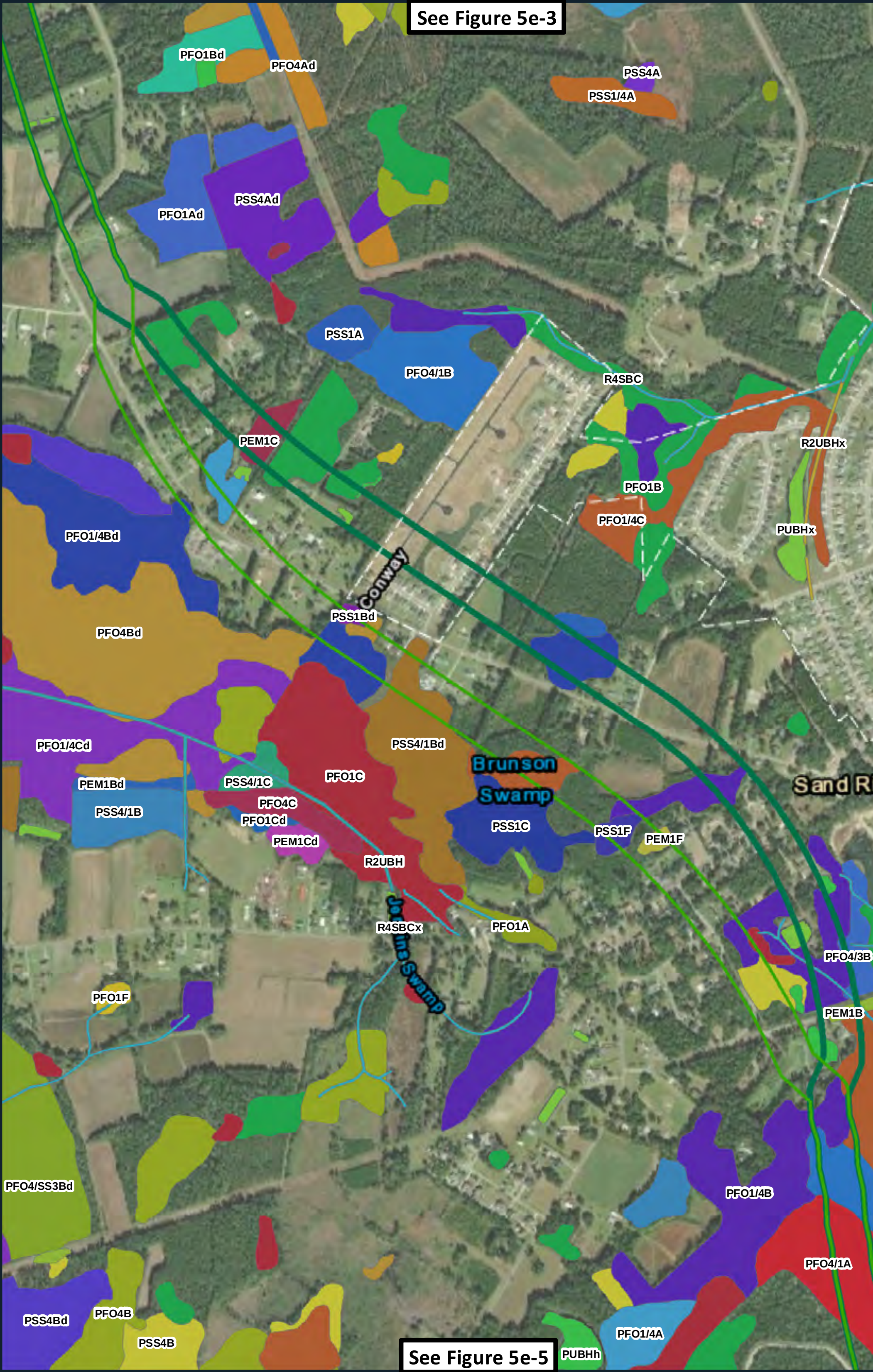
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 5e-3
ALTERNATIVES 8 & 9
NWI MAP

11/2022



Horry County
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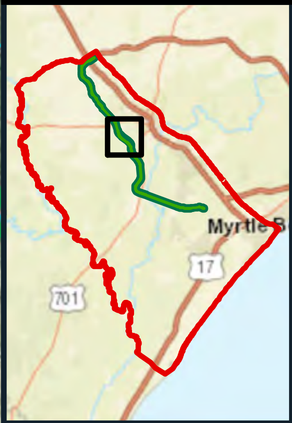
RIDE 3

SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

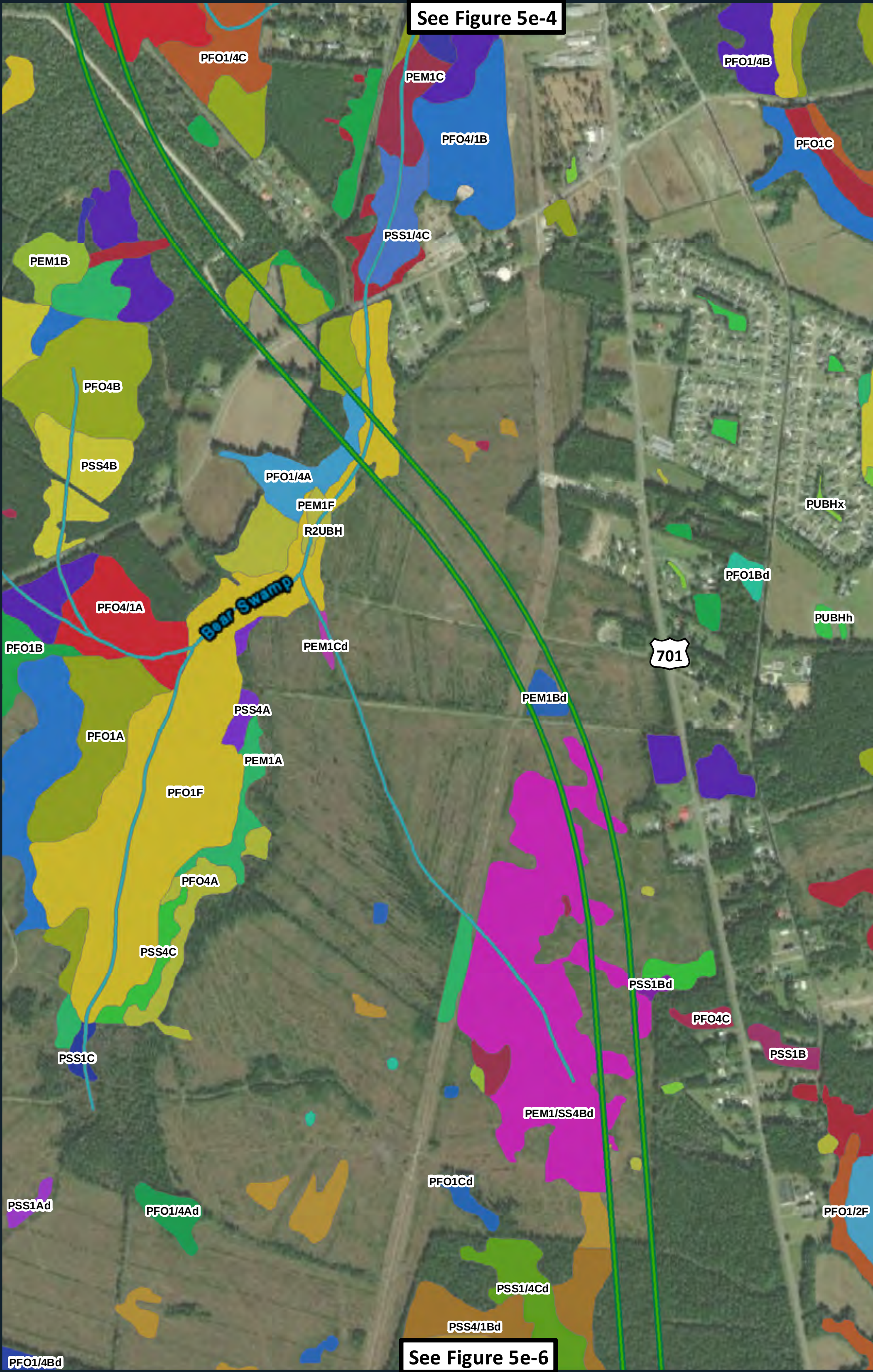
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

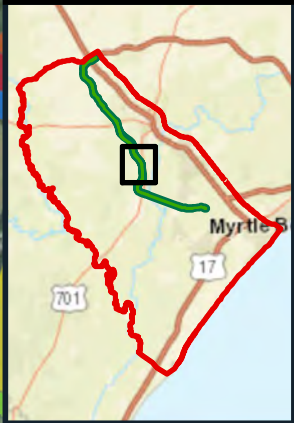
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 5e-4
ALTERNATIVES 8 & 9
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

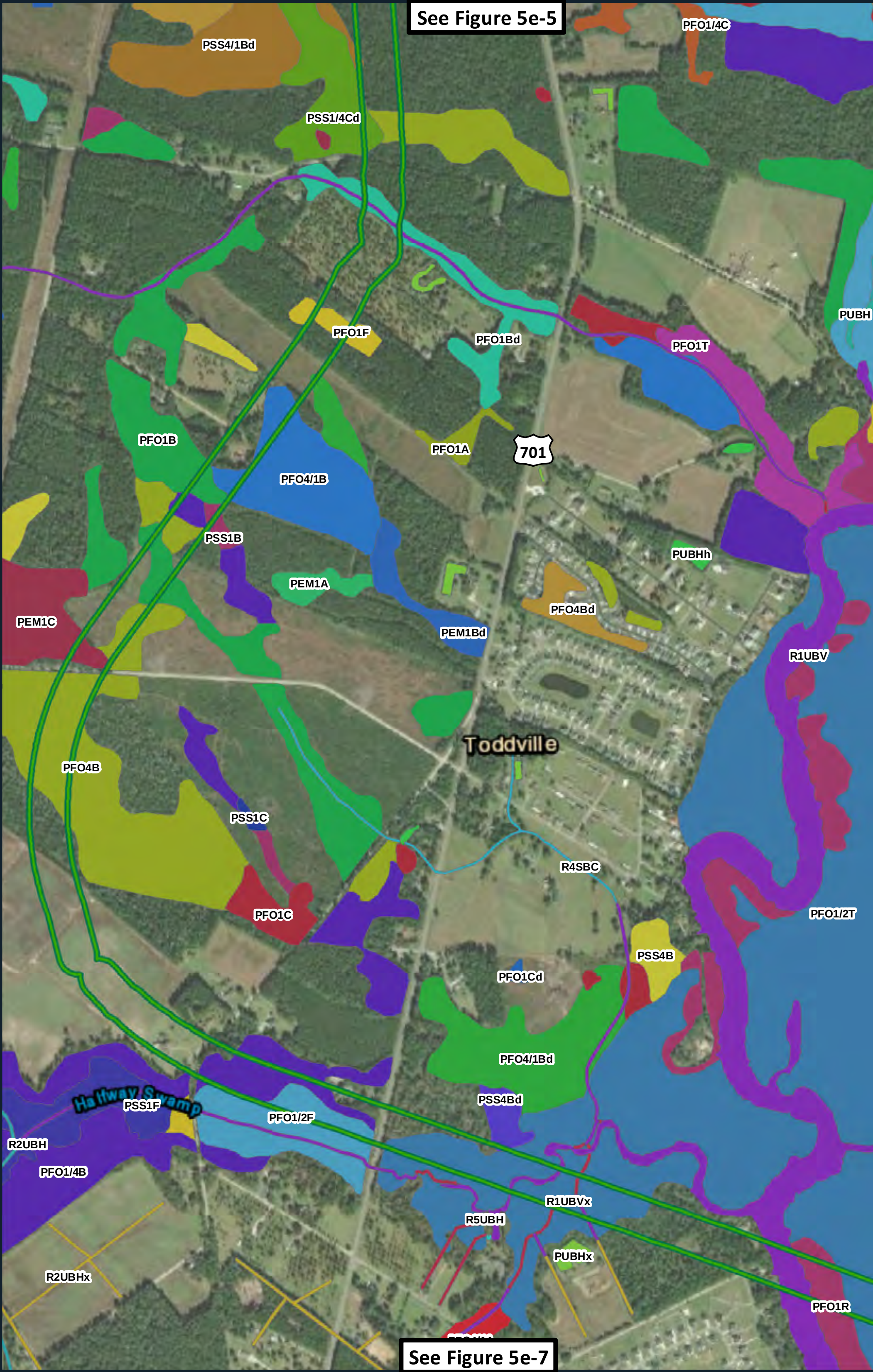
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

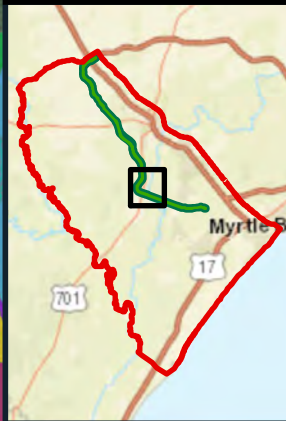
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 5e-5
ALTERNATIVES 8 & 9
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

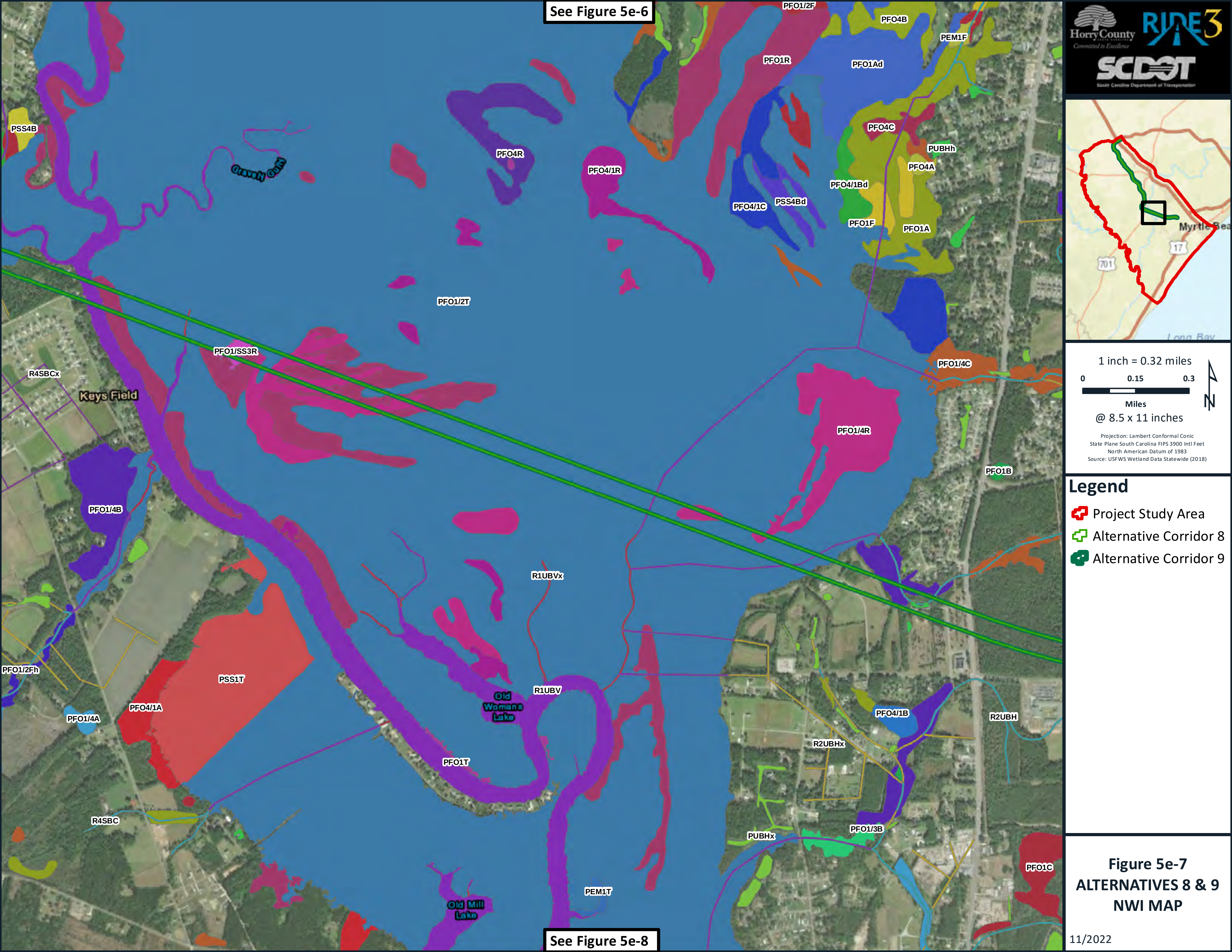
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

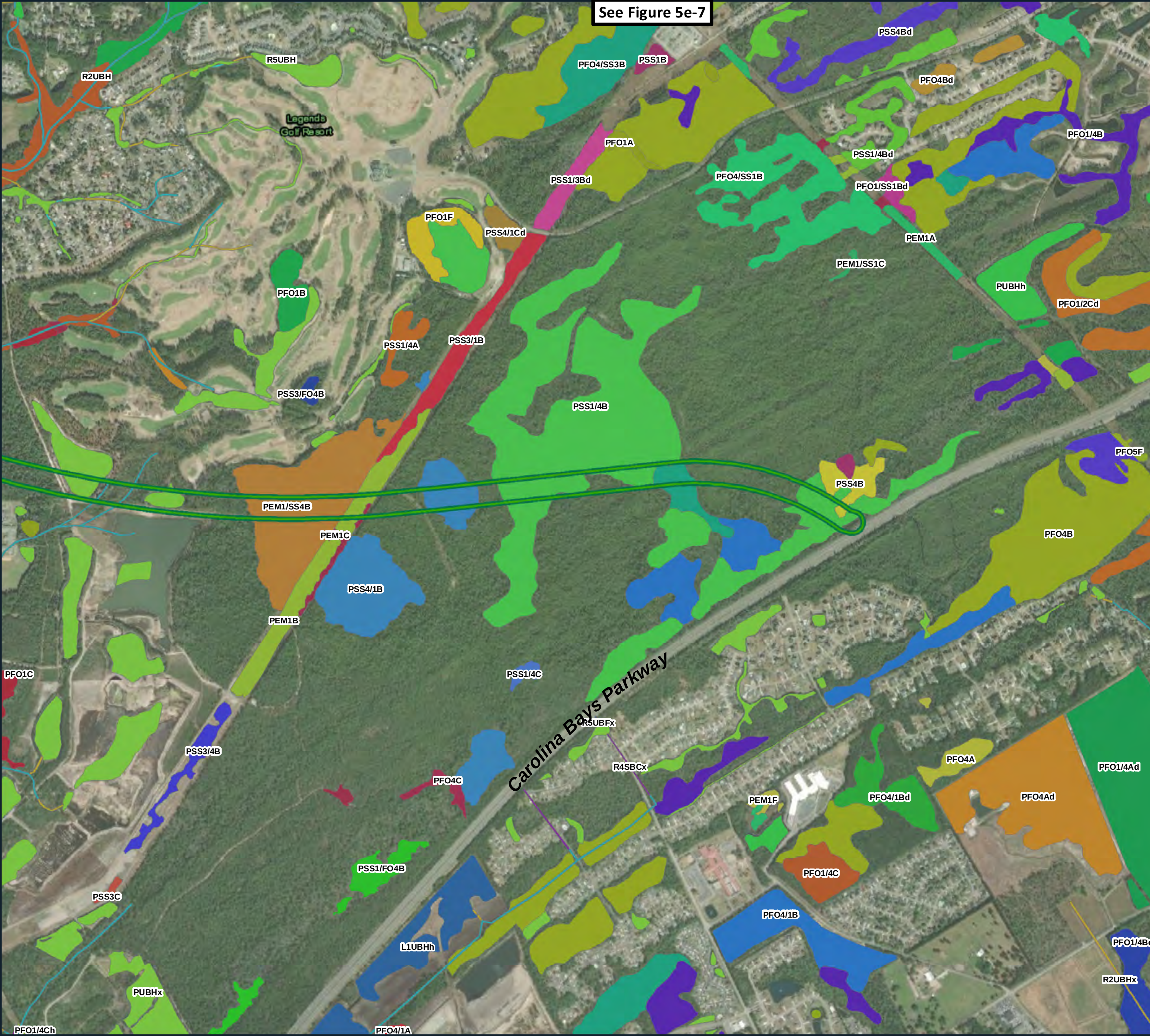
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

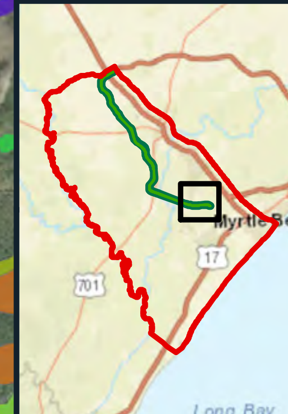
Figure 5e-6 ALTERNATIVES 8 & 9 NWI MAP

11/2022


See Figure 5e-6
PFO1/2F
PFO4B
PEM1F
PFO1R
PFO1Ad
PSS4B
PFO4R
PFO4/1R
Gravely Gully
PFO4C
PUBHh
PFO4A
PFO4/1Bd
PFO4/1C
PSS4Bd
PFO1F
PFO1A
PFO1/2T
PFO1/SS3R
R4SBCx
Keys Field
PFO1/4C
PFO1/4R
PFO1B
PFO1/4B
R1UBVx
R1UBV
Old Womans Lake
PSS1T
PFO1/2Fh
PFO4/1A
PFO1/4A
PFO4/1B
R2UBH
R2UBHx
PFO1T
R4SBC
PUBHx
PFO1/3B
PFO1C
PEM1T
Old Mill Lake
See Figure 5e-8
Horry County
RIDE3
SCDOT
Myrtle Bea
17
701
Long Bay
1 inch = 0.32 miles
0
0.15
0.3
Miles
@ 8.5 x 11 inches
N
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)
Legend
Project Study Area
Alternative Corridor 8
Alternative Corridor 9
Figure 5e-7
ALTERNATIVES 8 & 9
NWI MAP
11/2022



Horry County
RIDE 3
SCDOT



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

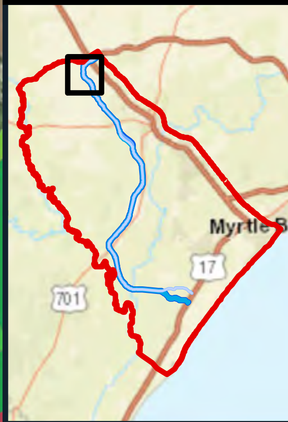
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9

Figure 5e-8
ALTERNATIVES 8 & 9
NWI MAP

11/2022

See Figure 5f-2



1 inch = 0.35 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

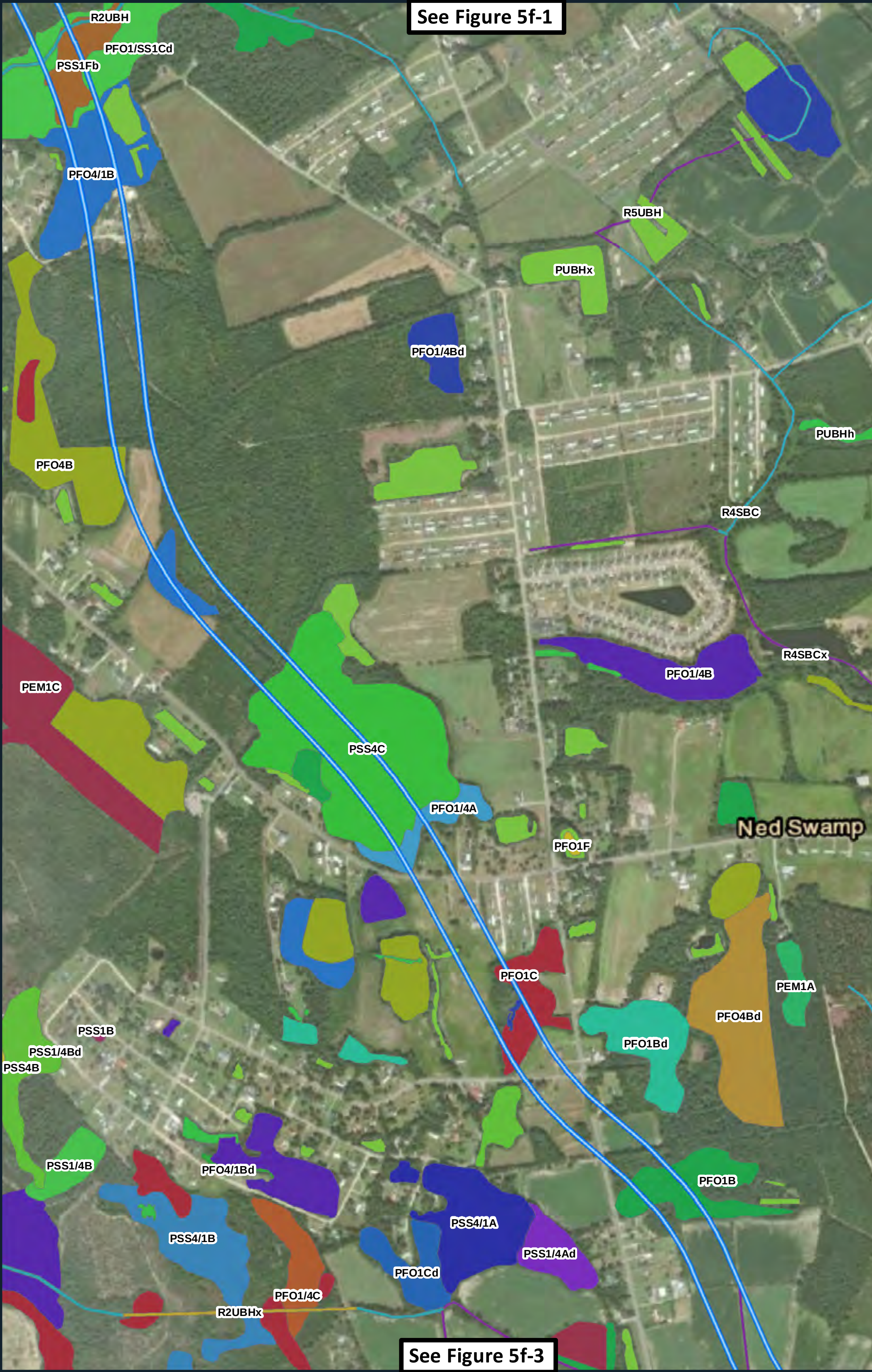
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-1
ALTERNATIVES 10 - 13
NWI MAP

11/2022

See Figure 5f-1



See Figure 5f-3

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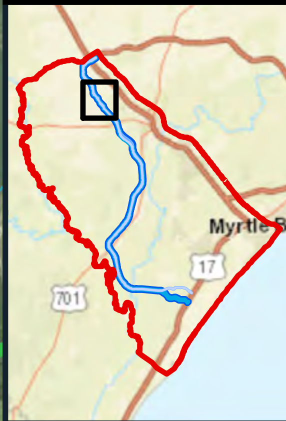
RIDE3

SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

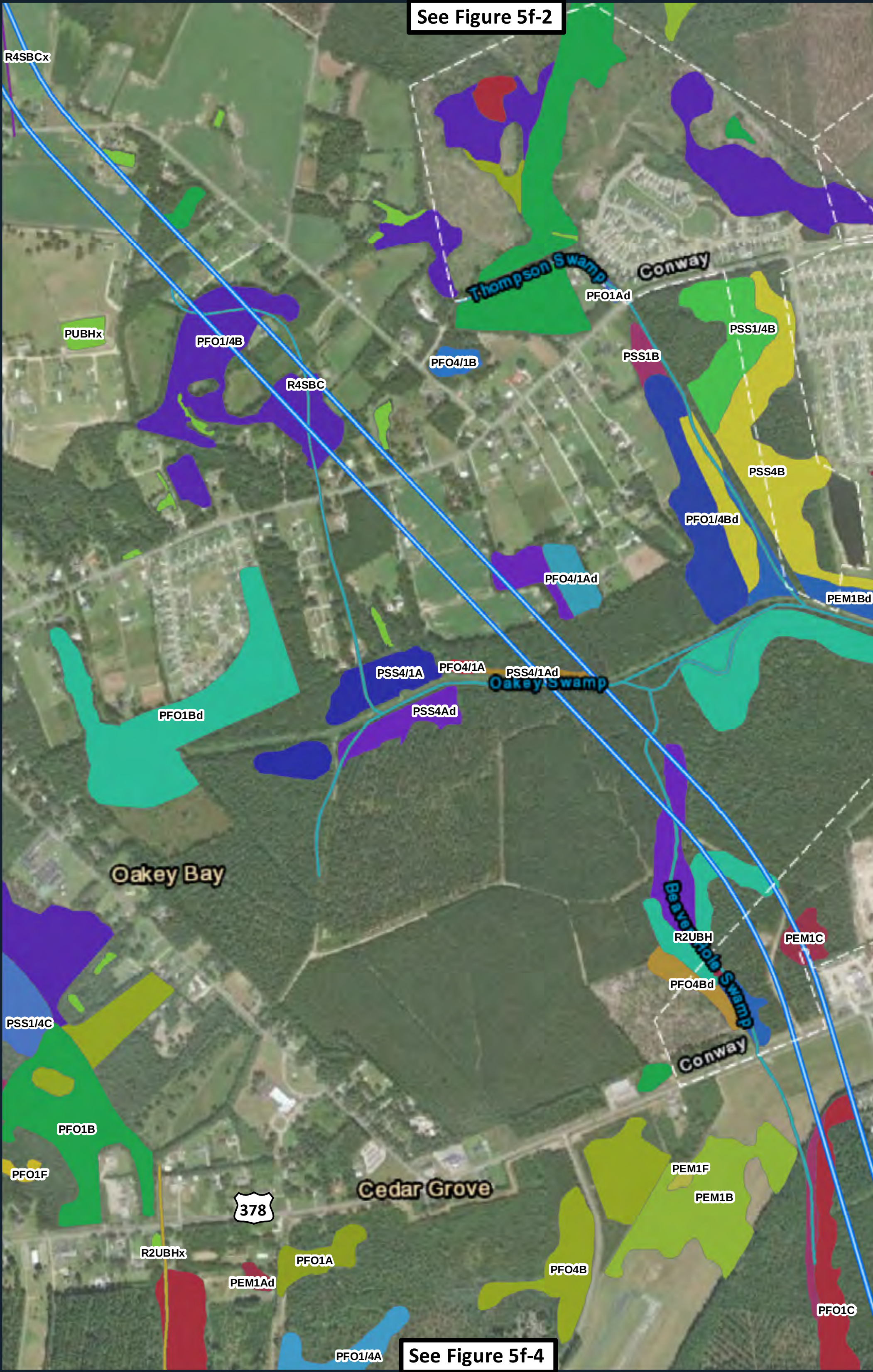
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

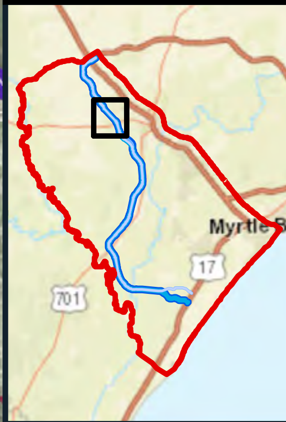
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-2
ALTERNATIVES 10 - 13
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

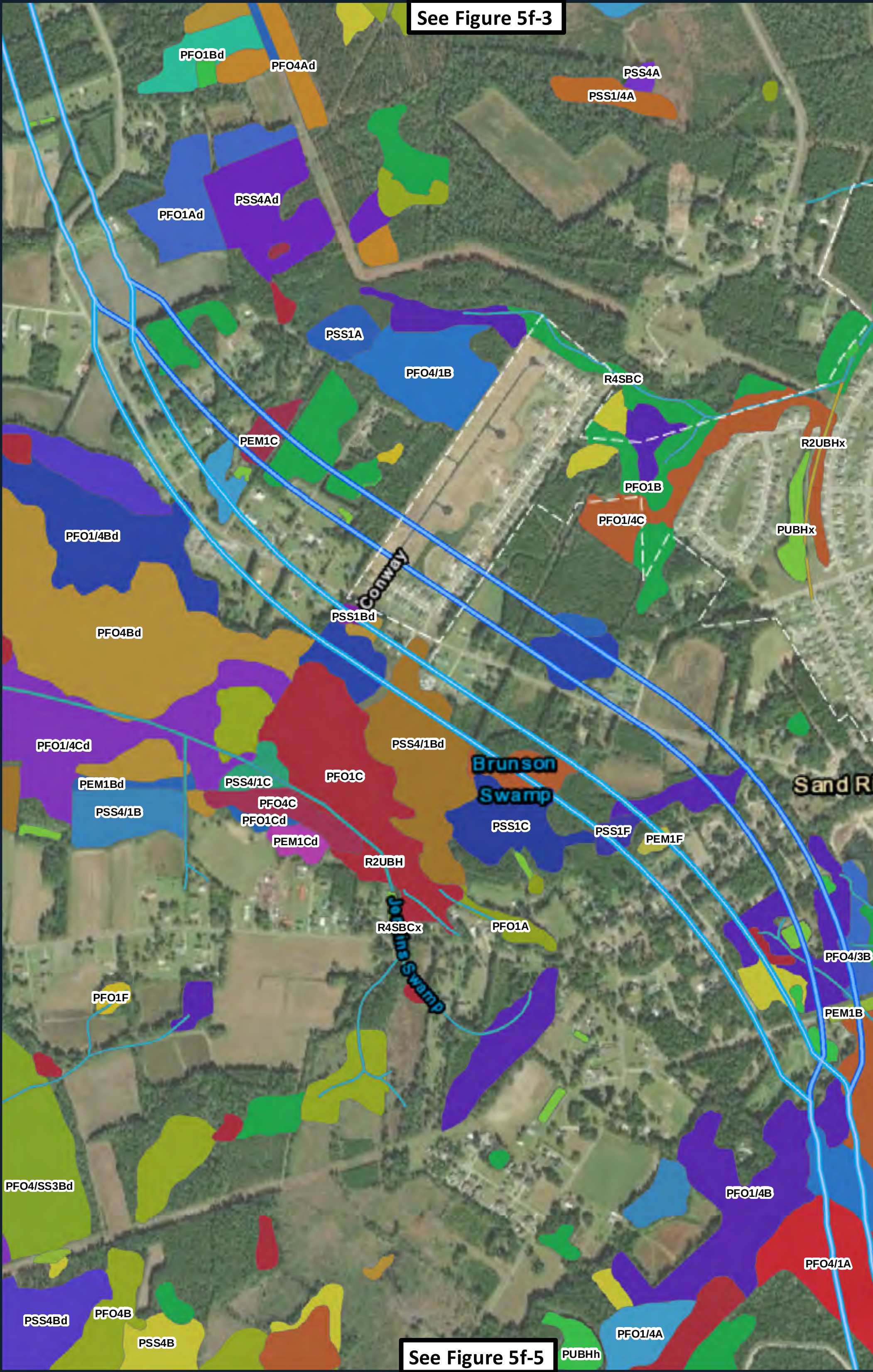
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

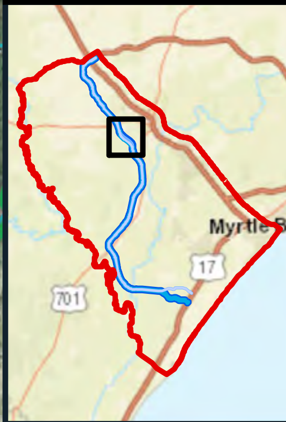
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-3
ALTERNATIVES 10 - 13
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

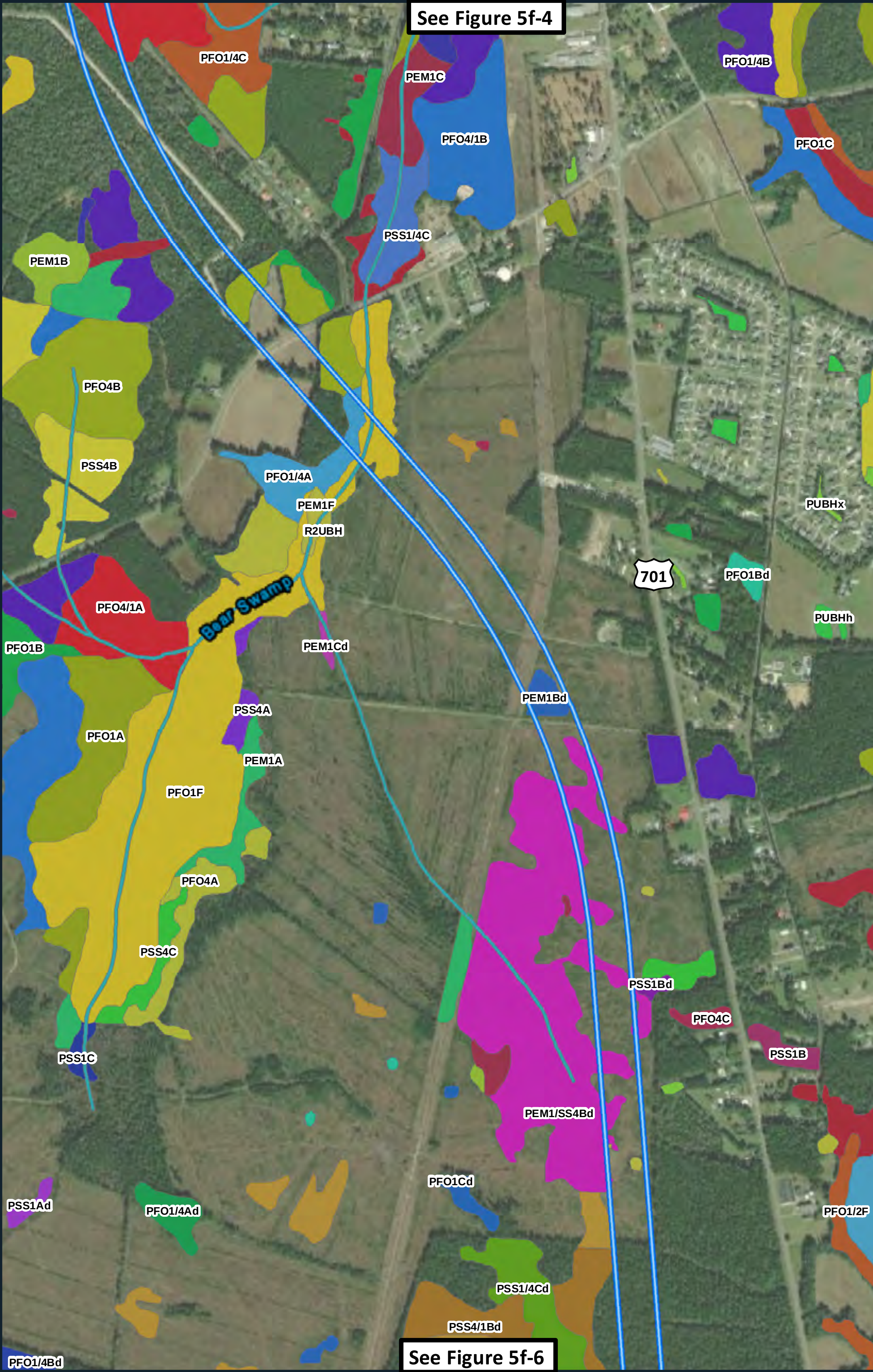
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

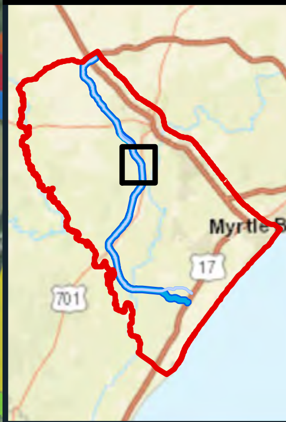
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-4
ALTERNATIVES 10 - 13
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

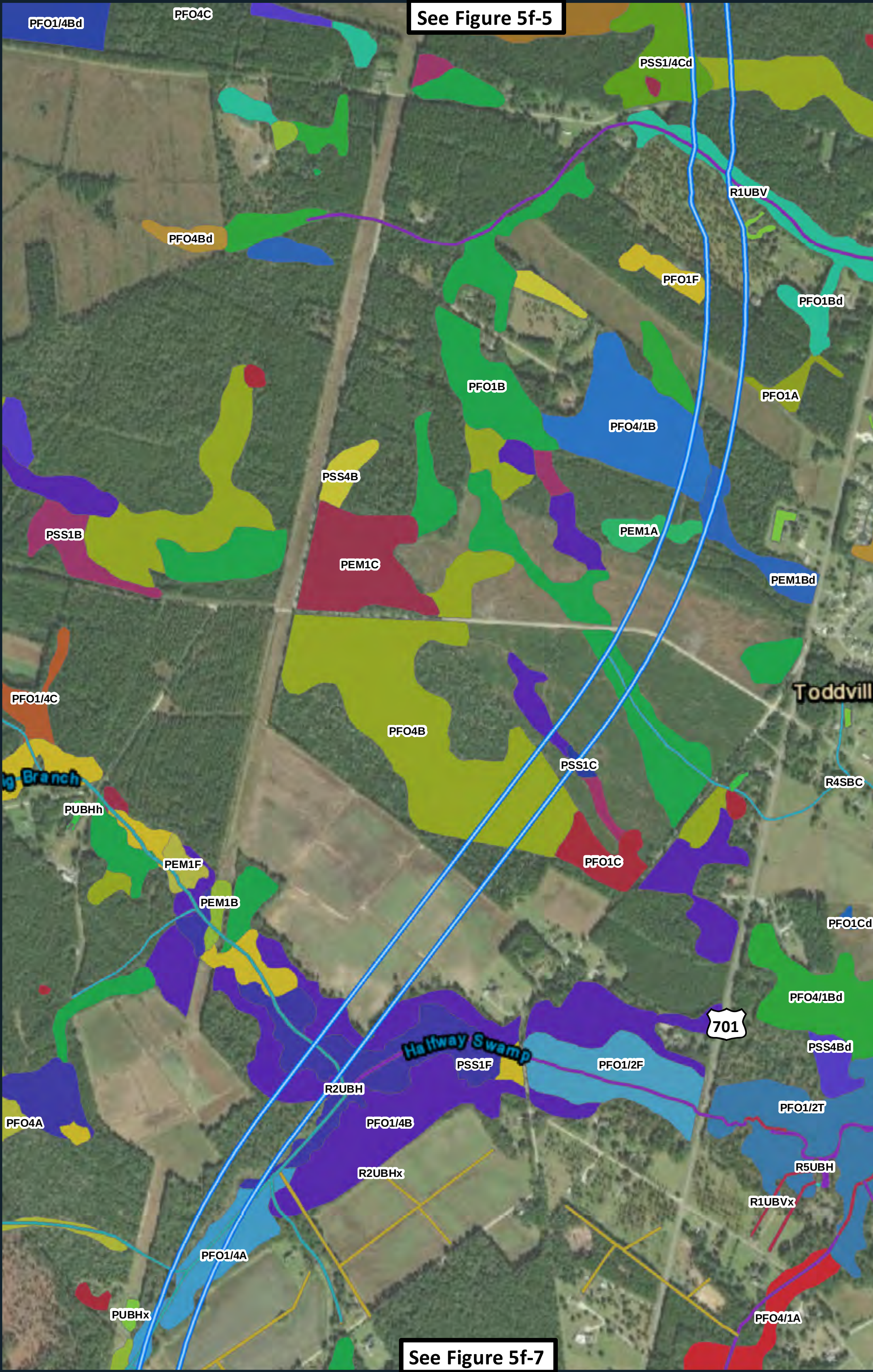
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

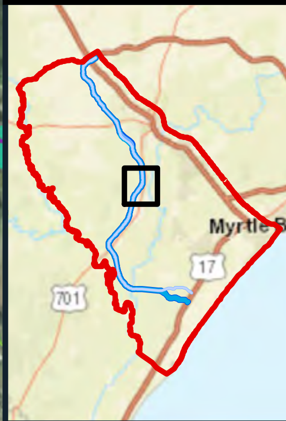
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-5
ALTERNATIVES 10 - 13
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

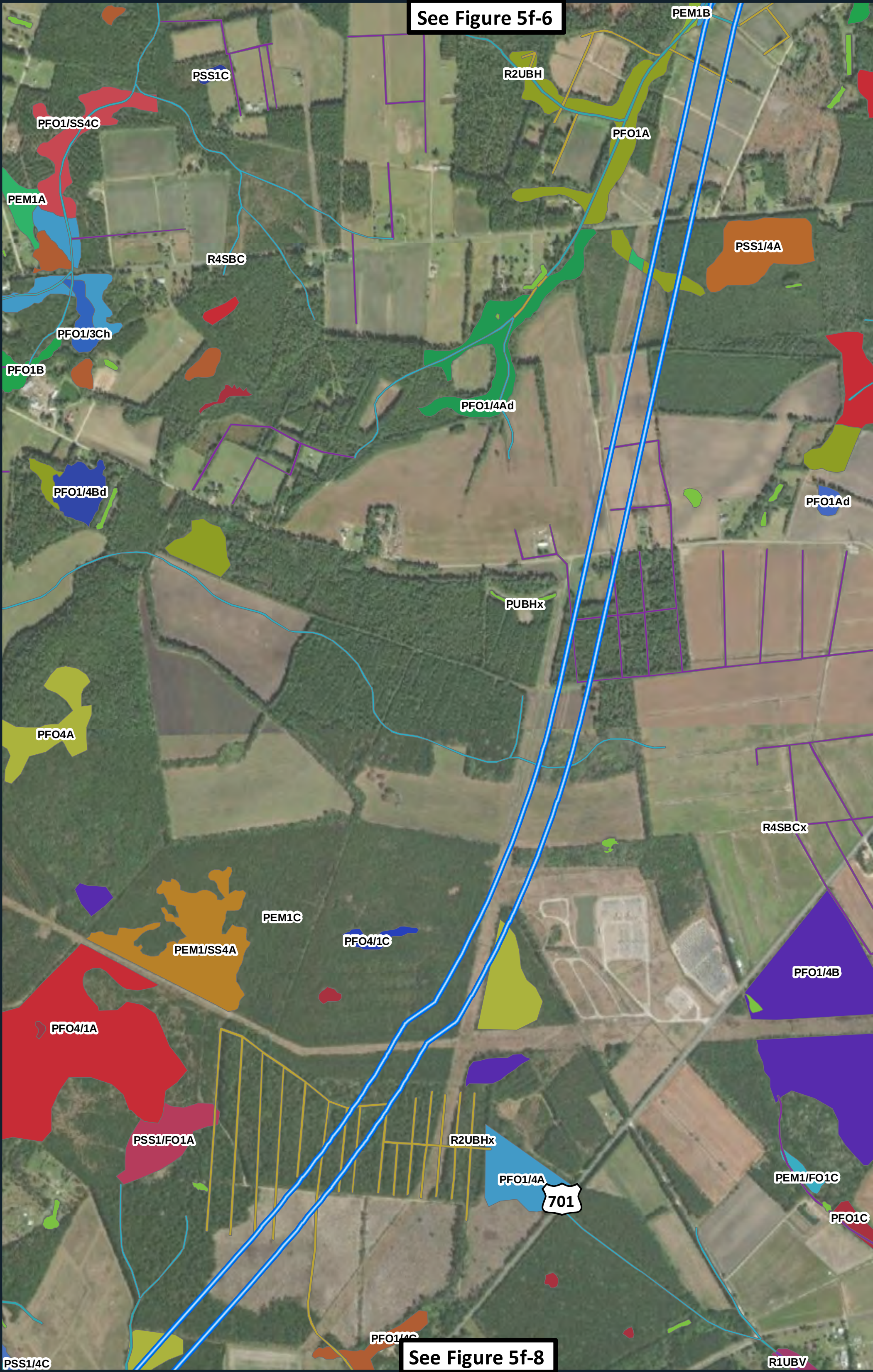
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

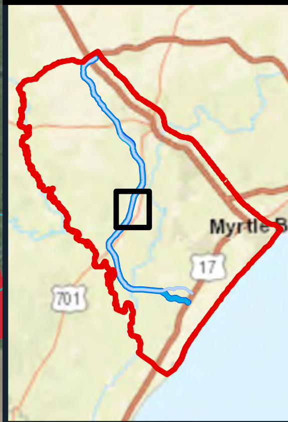
- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-6
ALTERNATIVES 10 - 13
NWI MAP

11/2022



Horry County — Committed to Excellence
RIDE3
SCDOT — South Carolina Department of Transportation



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

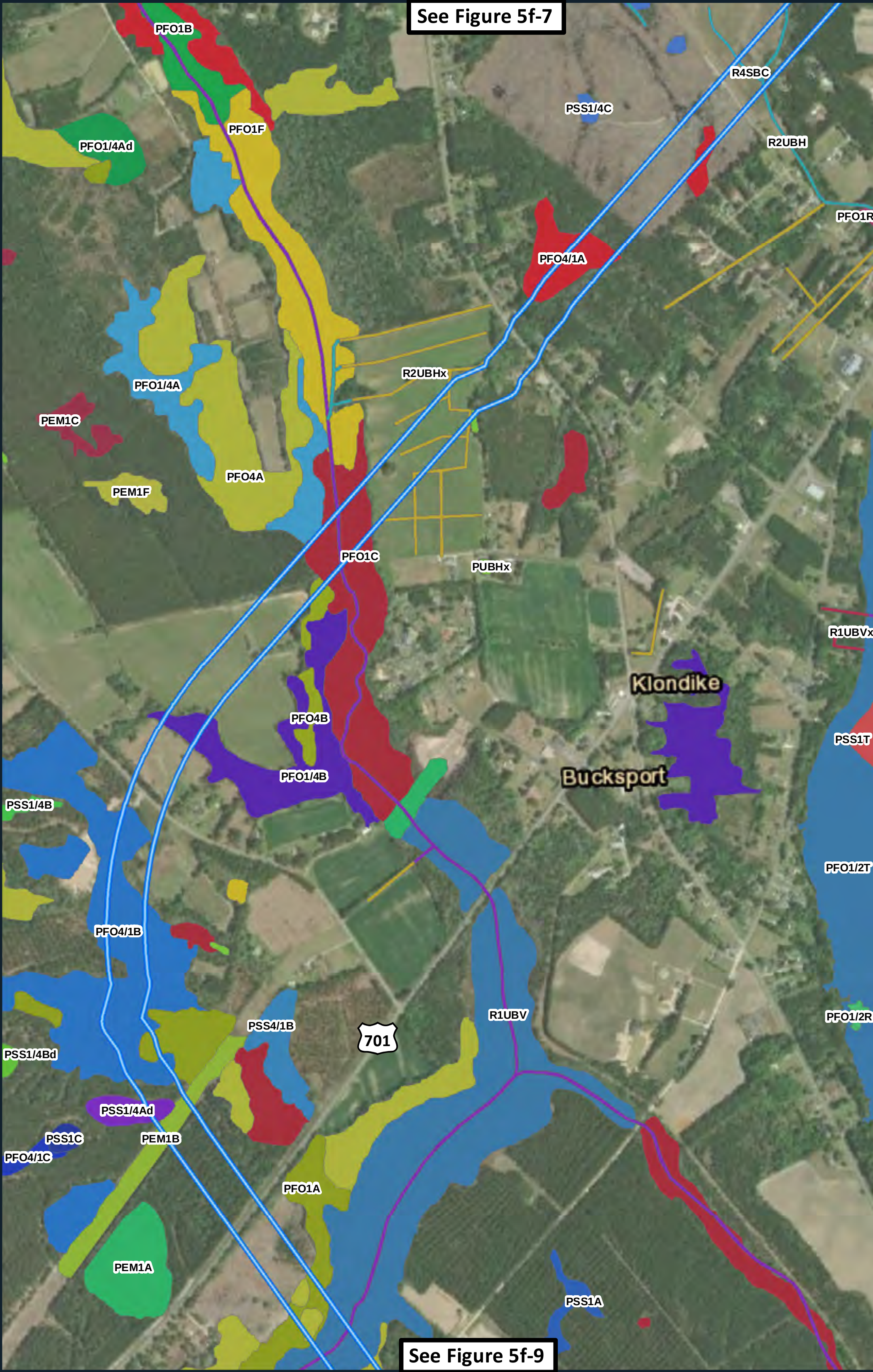
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

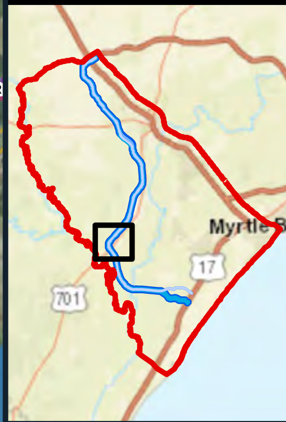
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-7
ALTERNATIVES 10 - 13
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

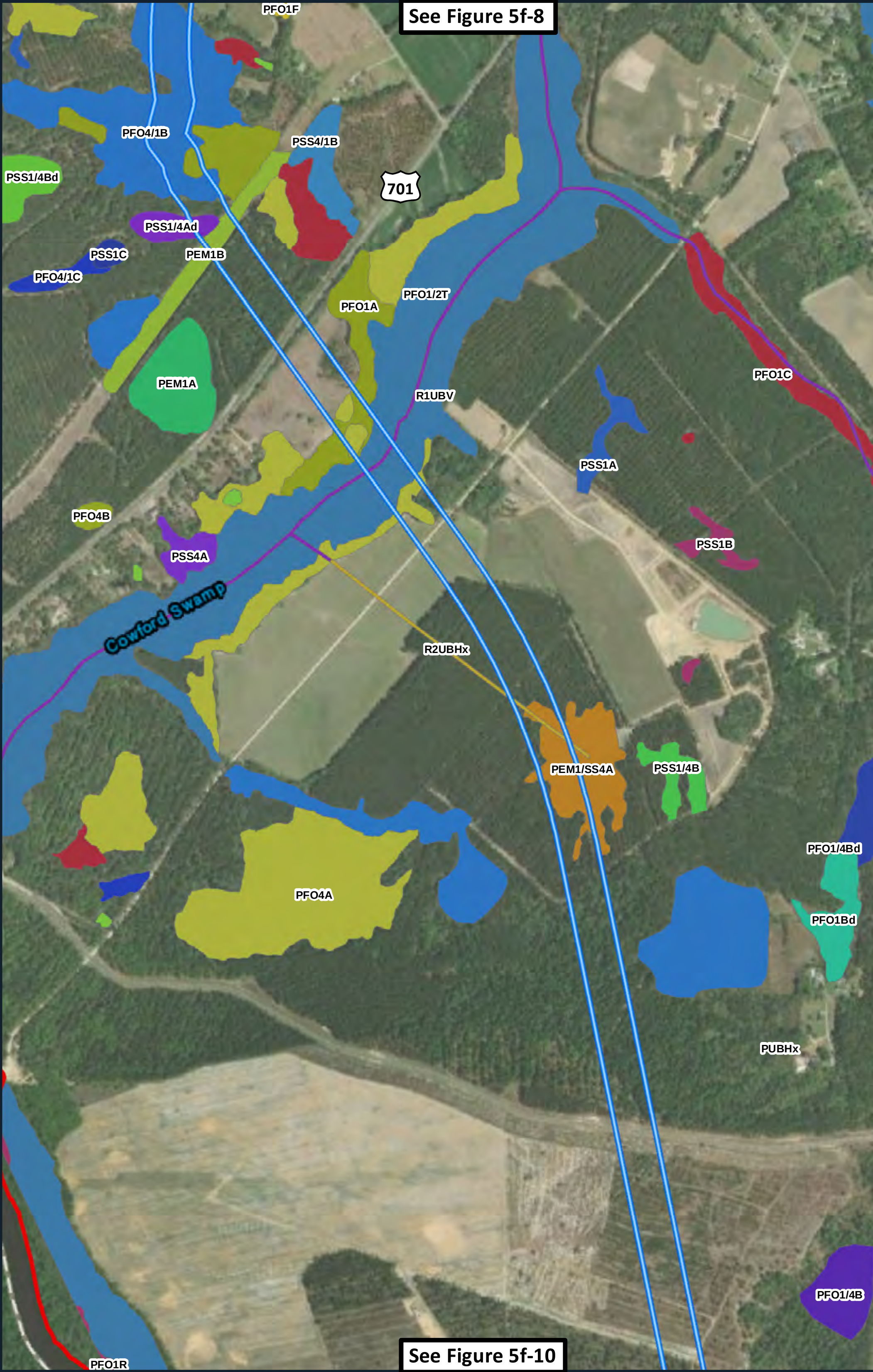
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

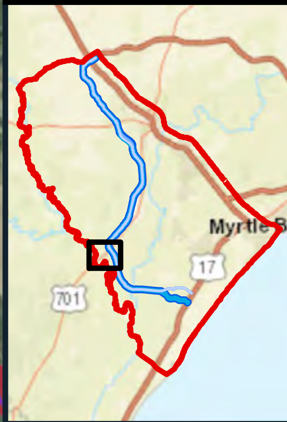
- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-8
ALTERNATIVES 10 - 13
NWI MAP

11/2022



Horry County
Committed to Excellence
RIDE3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-9
ALTERNATIVES 10 - 13
NWI MAP

11/2022

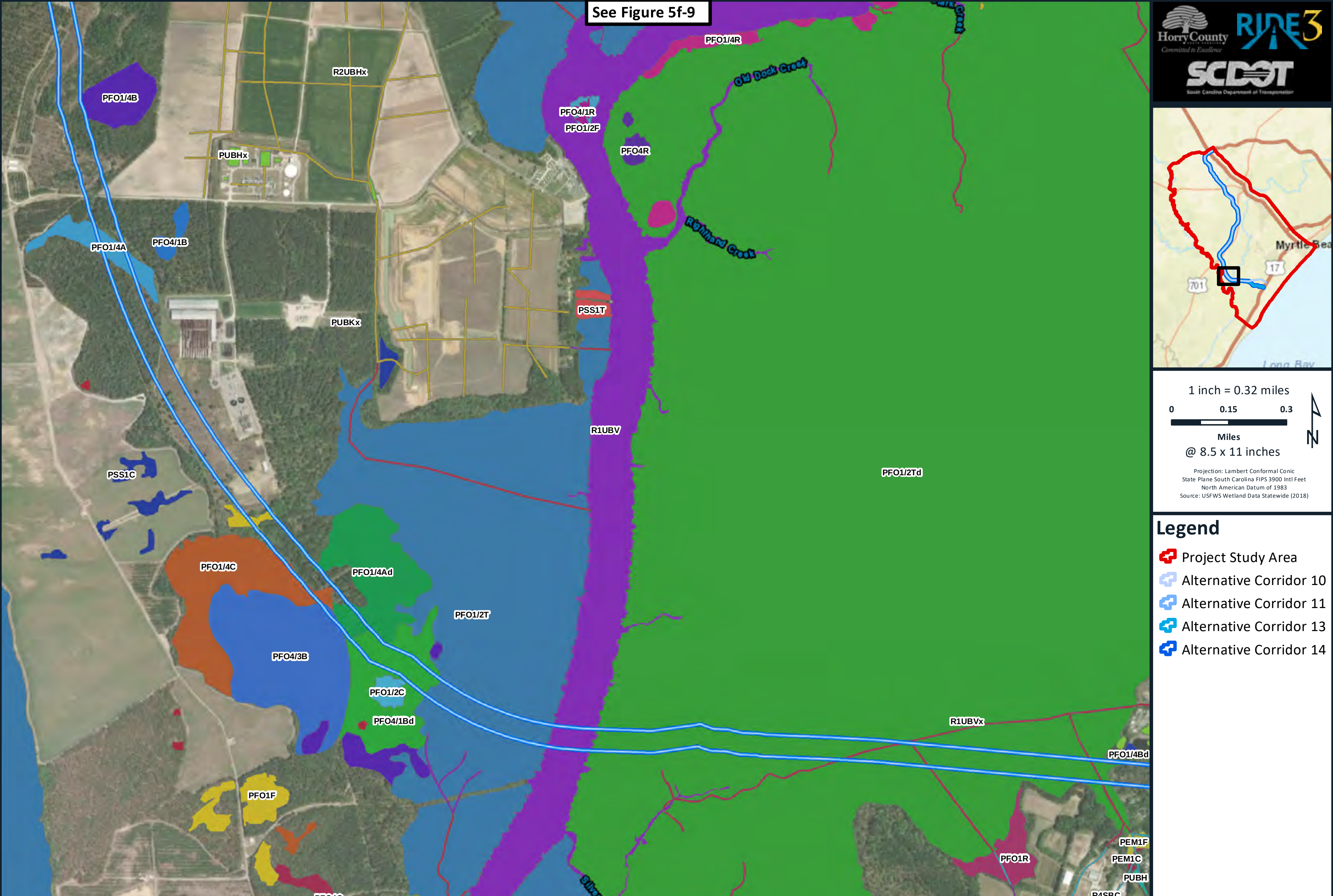
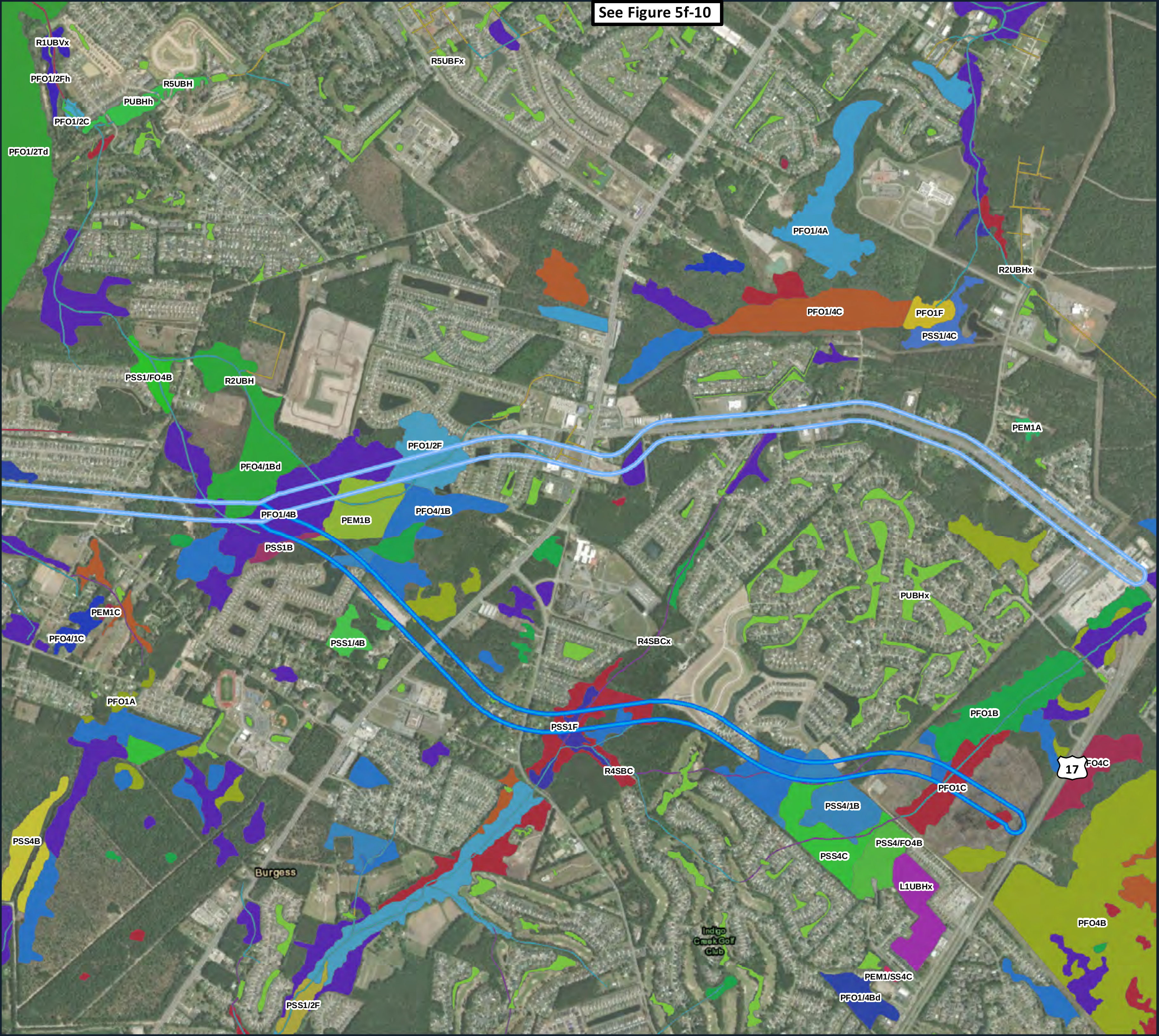


Figure 5f-10
ALTERNATIVES 10 - 13
NWI MAP

11/2022

See Figure 5f-10



1 inch = 0.38 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

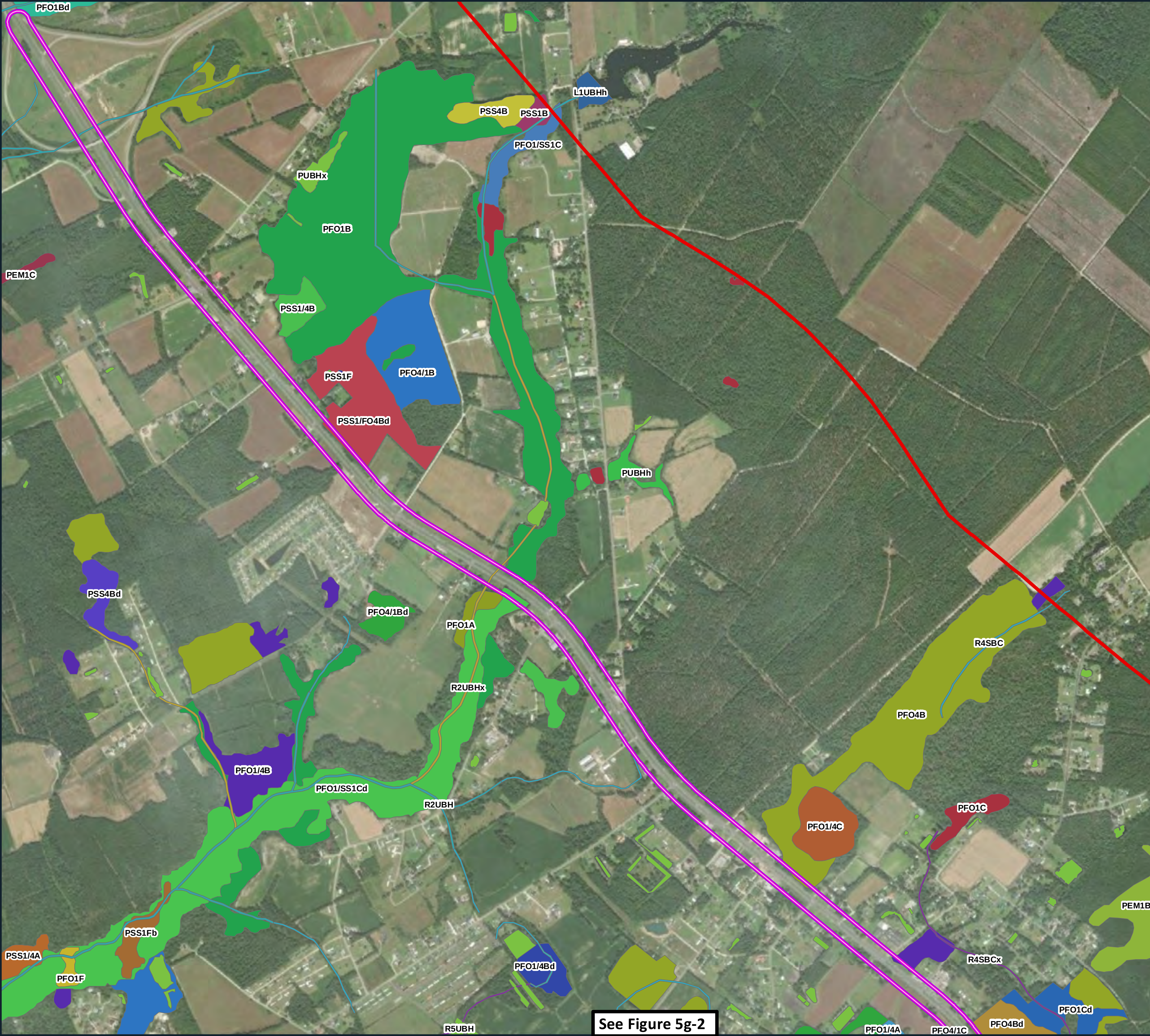
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

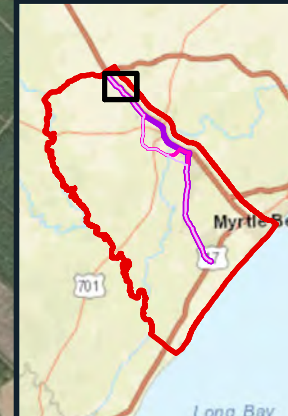
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13

Figure 5f-11
ALTERNATIVES 10 - 13
NWI MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

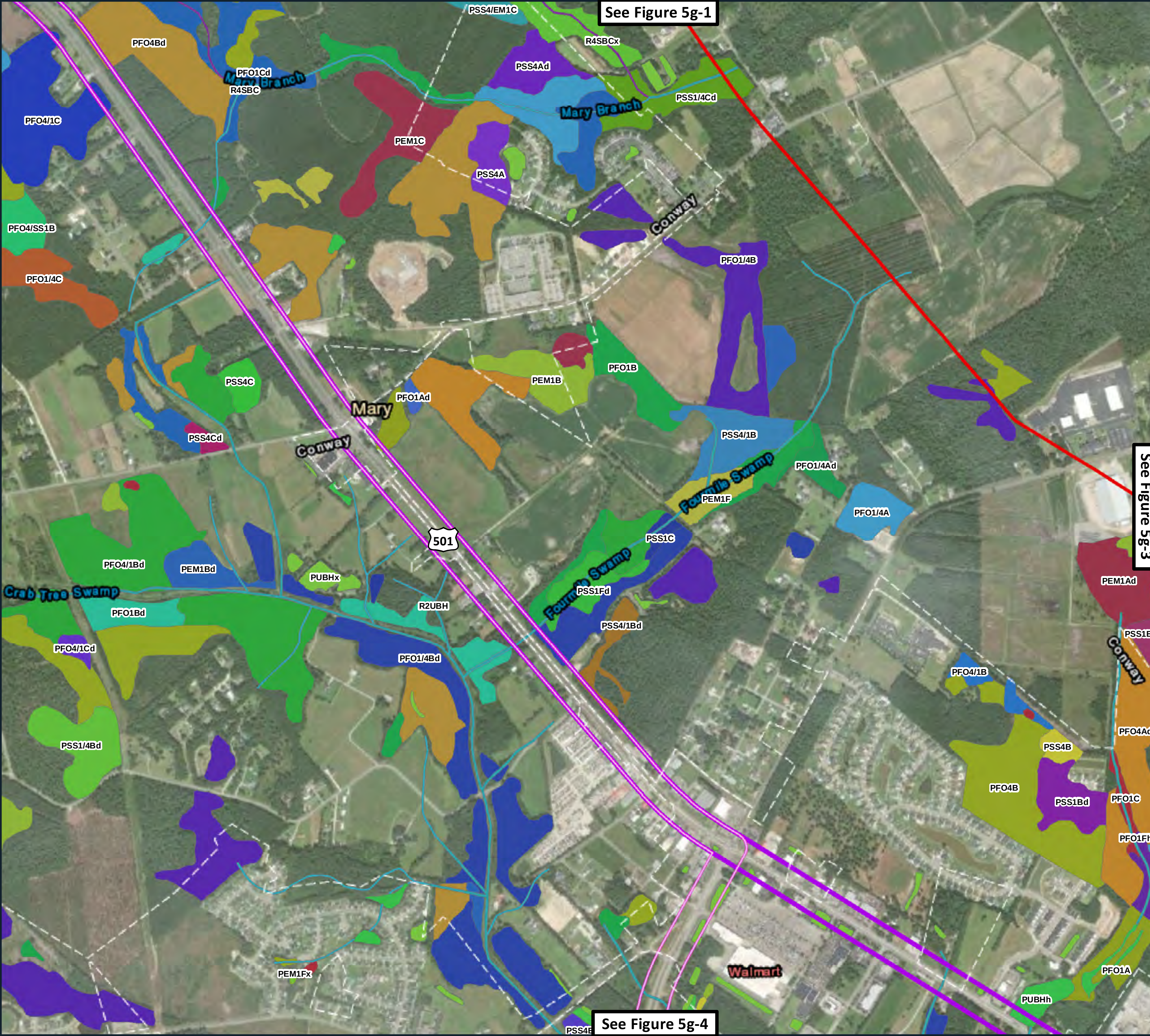
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-1
ALTERNATIVES 14 - 16
NWI MAP

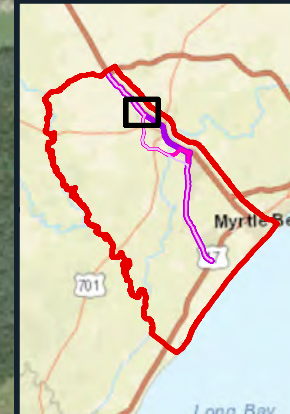
11/2022



Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

N

@ 8.5 x 11 inches

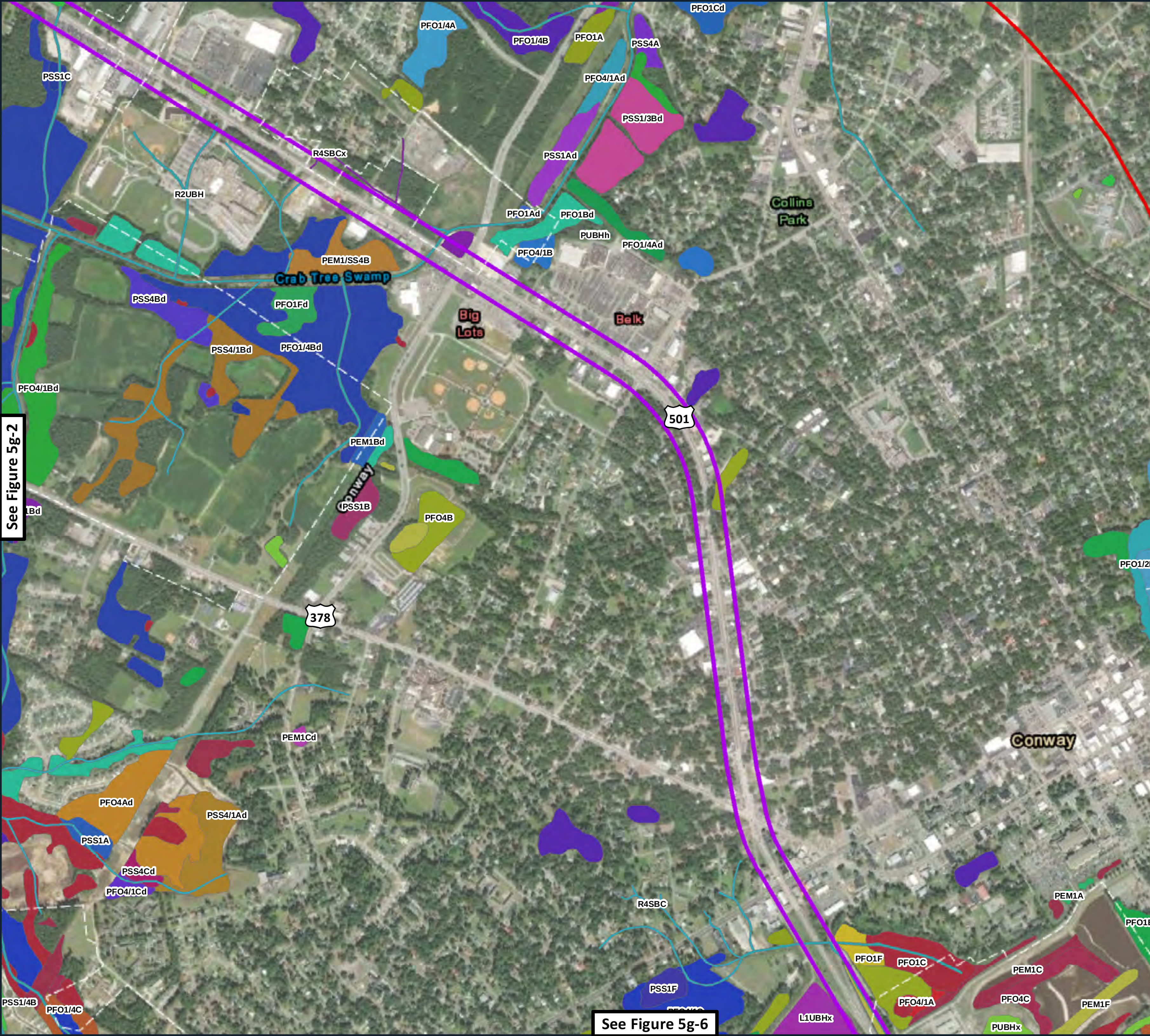
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-2
ALTERNATIVES 14 - 16
NWI MAP

11/2022



Horry County
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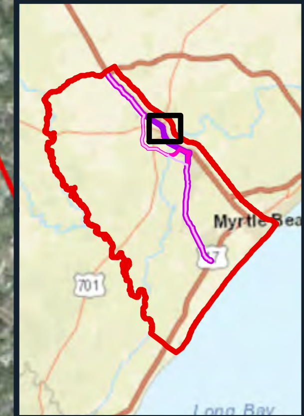
RIDE 3

SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

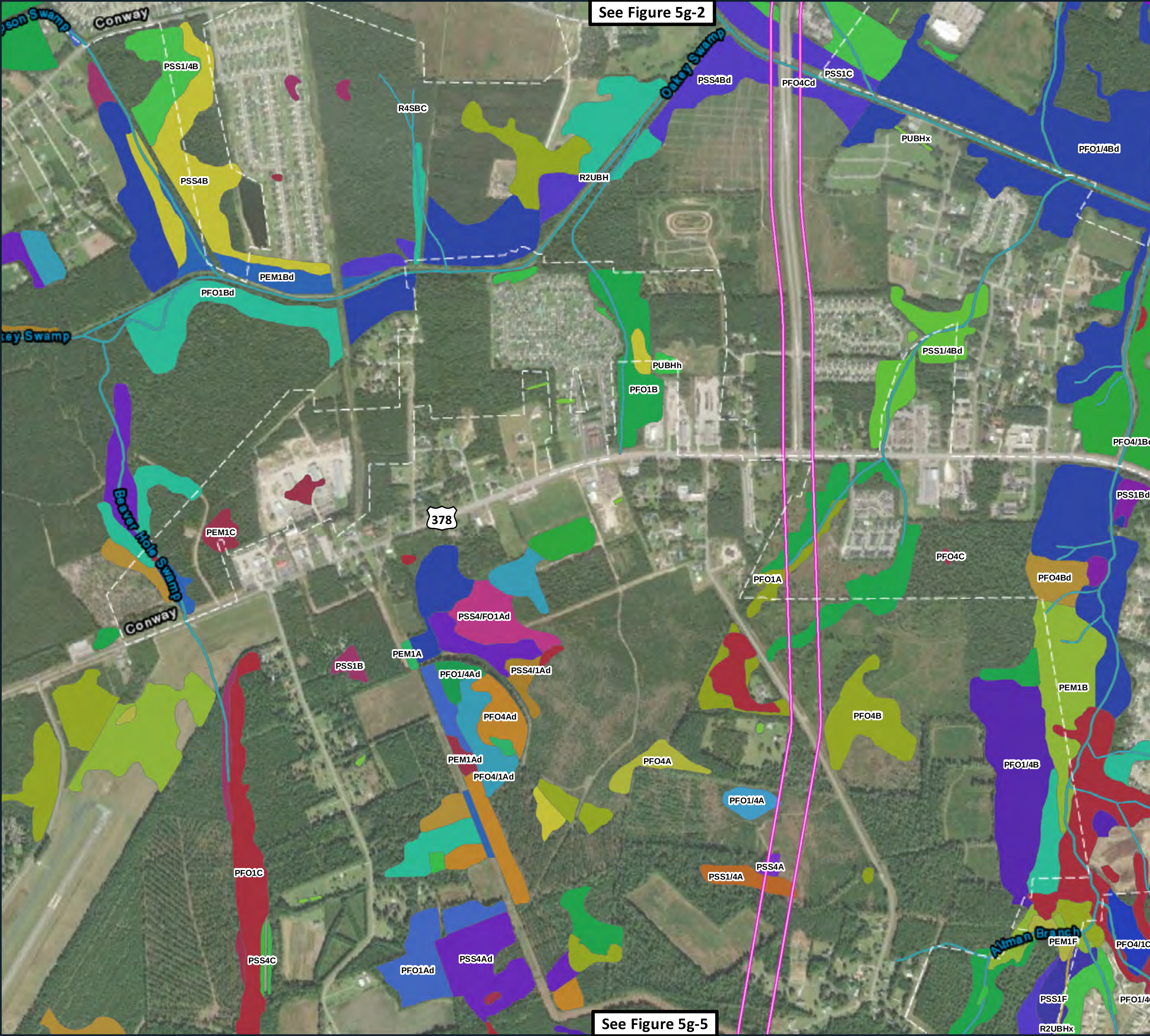
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

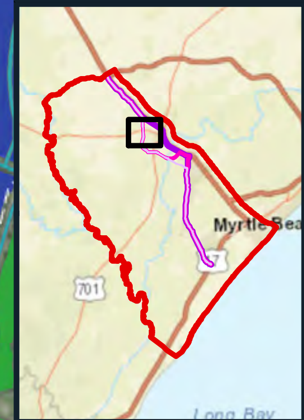
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-3
ALTERNATIVES 14 - 16
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

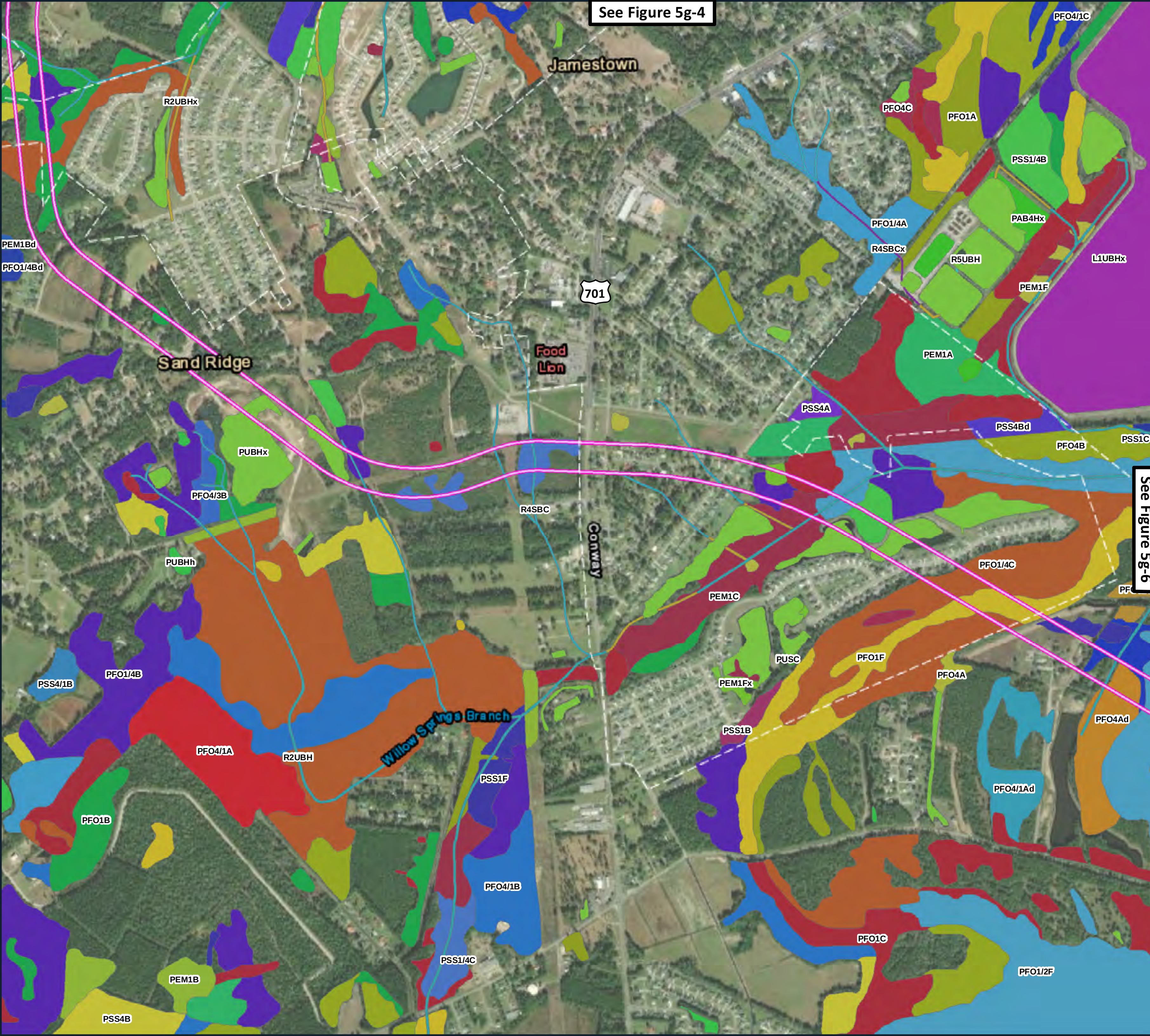
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

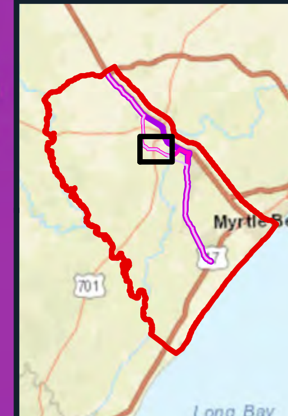
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-4
ALTERNATIVES 14 - 16
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

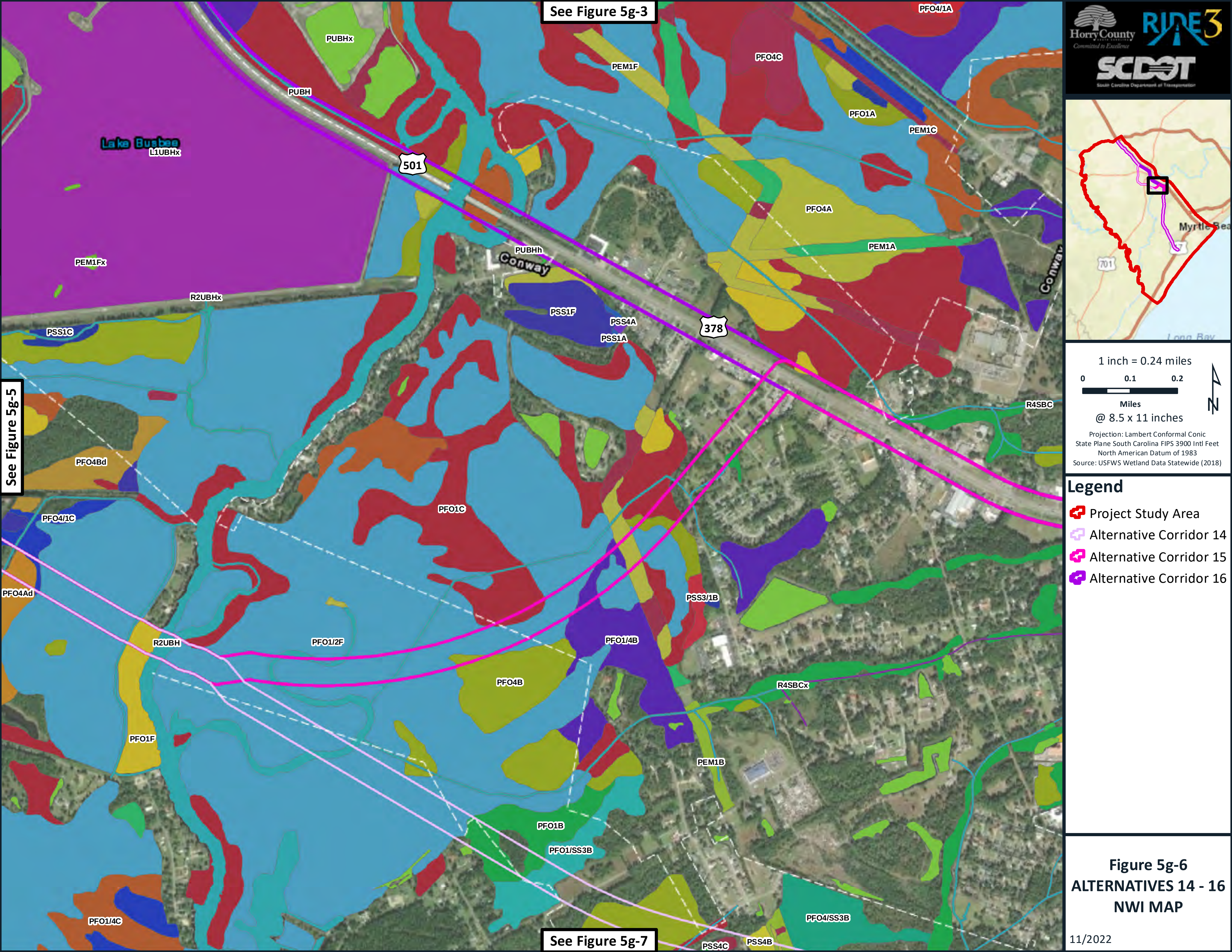
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

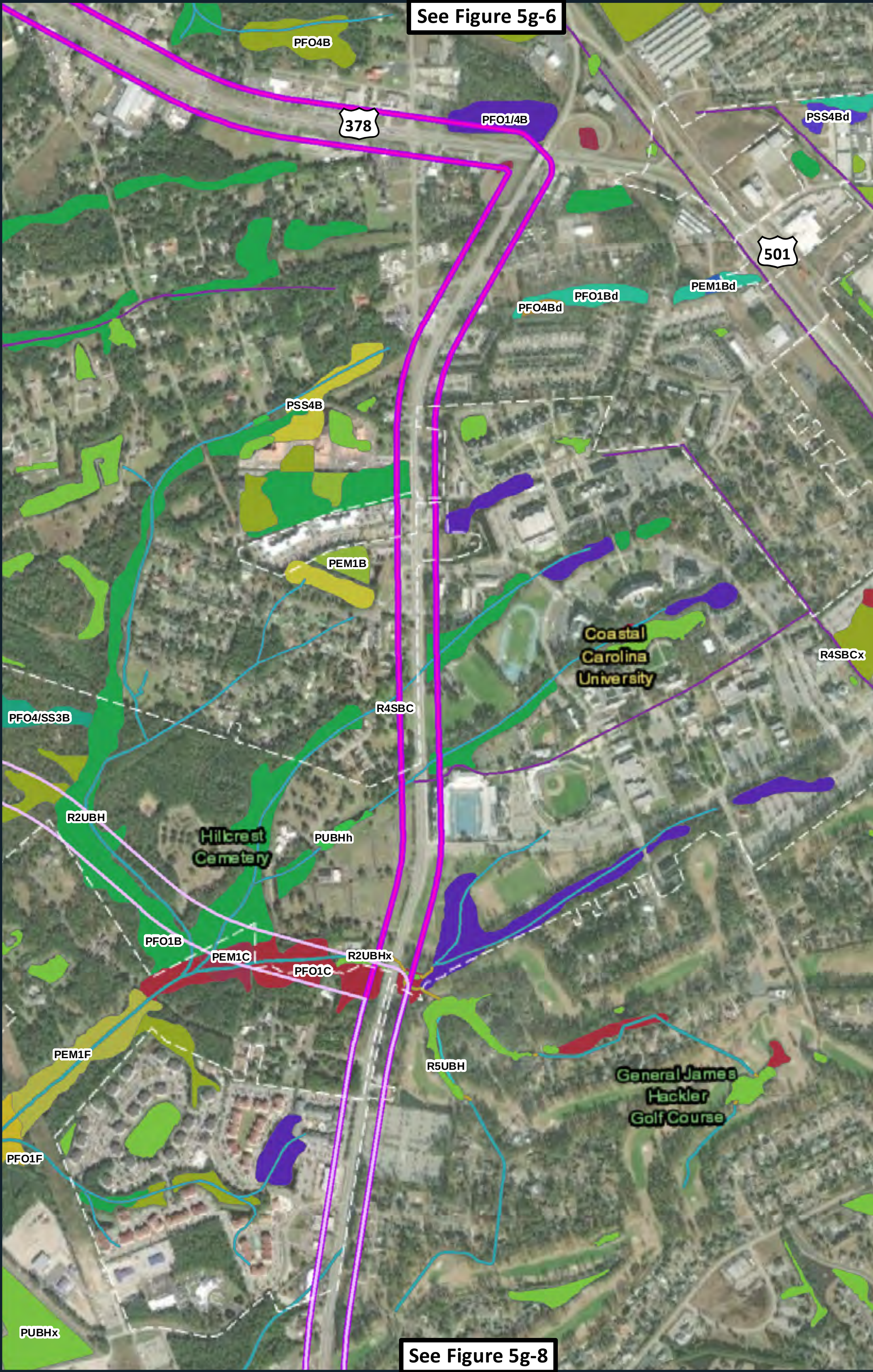
- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

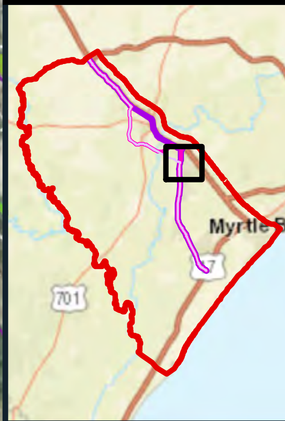
Figure 5g-5
ALTERNATIVES 14 - 16
NWI MAP

11/2022



See Figure 5g-3
See Figure 5g-5
See Figure 5g-7
Lake Busbee
L1UBHx
PUBHx
PUBH
PUBHh
PEM1F
PEM1Fx
PFO4C
PFO4/1A
PFO1A
PEM1C
PFO4A
PEM1A
R2UBHx
PSS1C
PSS1F
PSS4A
PSS1A
501
378
Conway
R4SBC
PFO4Bd
PFO1C
PFO4/1C
PFO4Ad
PSS3/1B
R2UBH
PFO1/2F
PFO1/4B
PFO4B
R4SBCx
PFO1F
PEM1B
PFO1B
PFO1/SS3B
PFO1/4C
PFO4/SS3B
PSS4C
PSS4B
Horry County
Committed to Excellence
RIDE3
SCDOT
South Carolina Department of Transportation
701
Myrtle Bea
Long Bay
1 inch = 0.24 miles
0
0.1
0.2
Miles
N
@ 8.5 x 11 inches
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)
Legend
Project Study Area
Alternative Corridor 14
Alternative Corridor 15
Alternative Corridor 16
Figure 5g-6
ALTERNATIVES 14 - 16
NWI MAP
11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

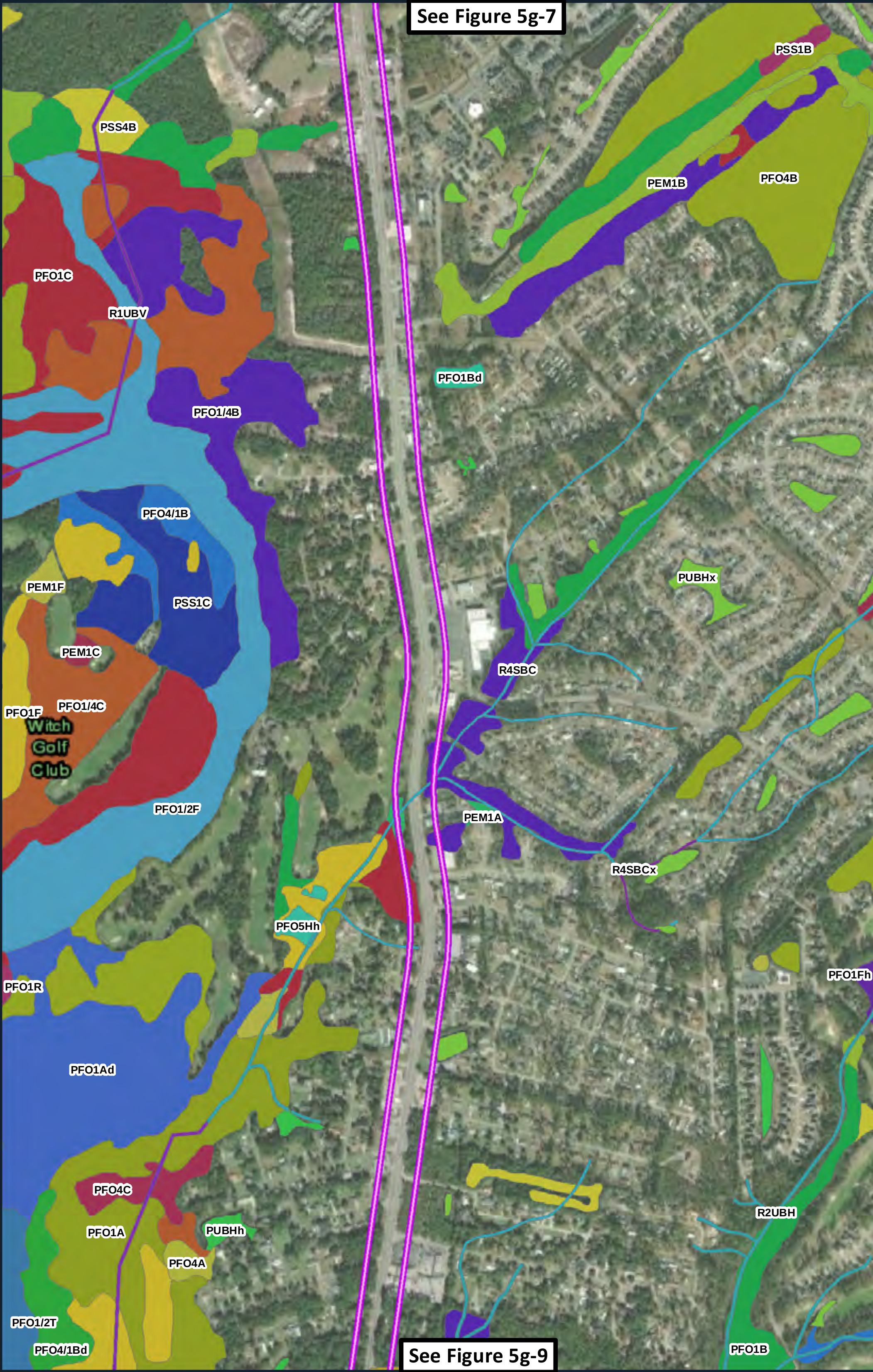
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

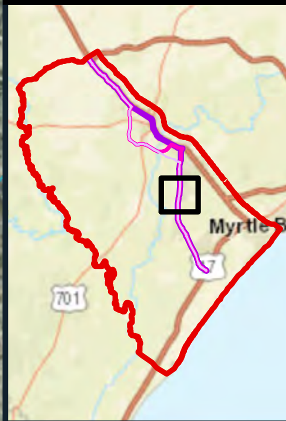
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-7
ALTERNATIVES 14 - 16
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

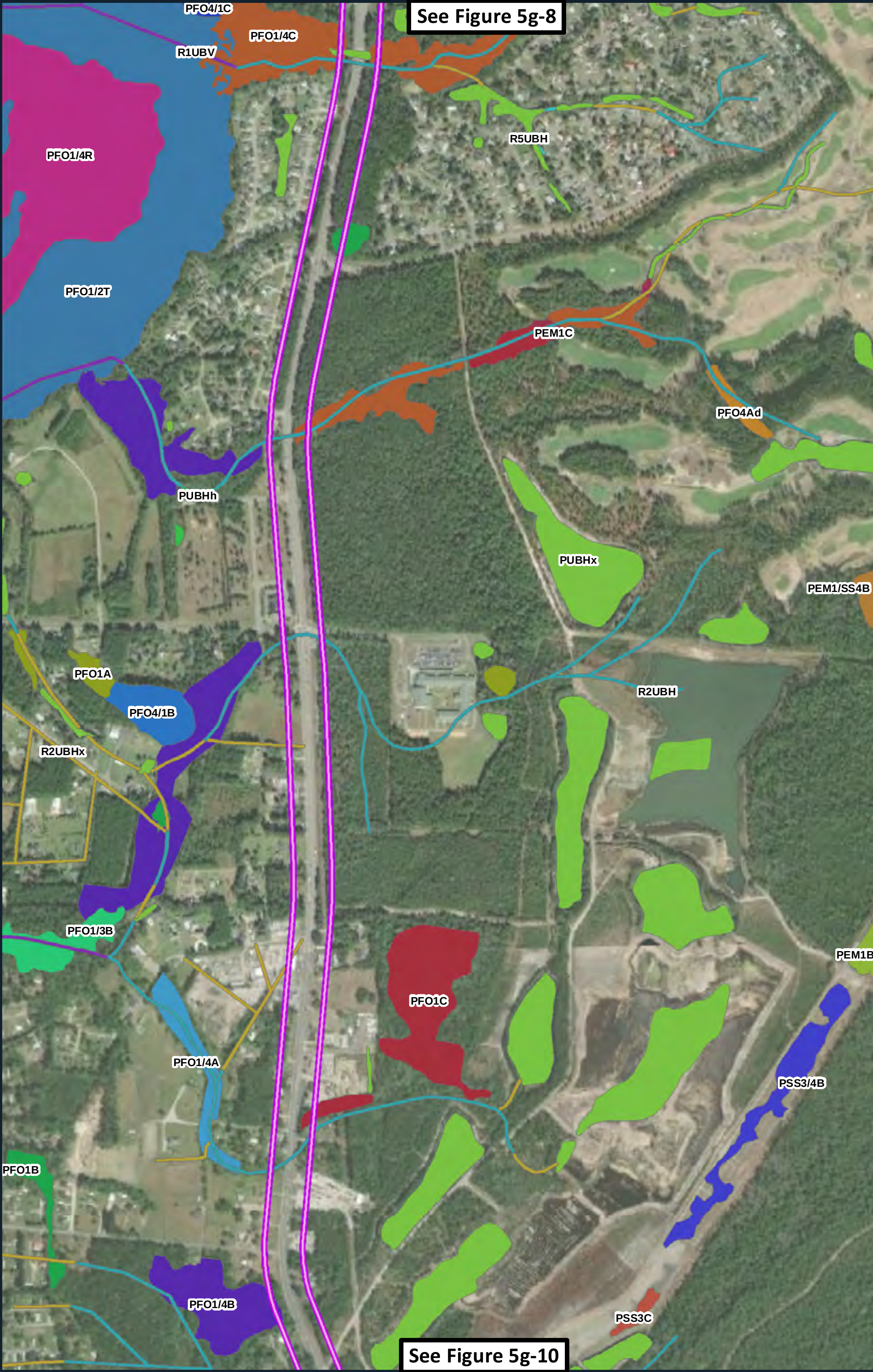
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

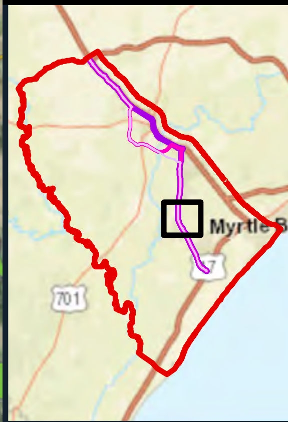
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-8
ALTERNATIVES 14 - 16
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

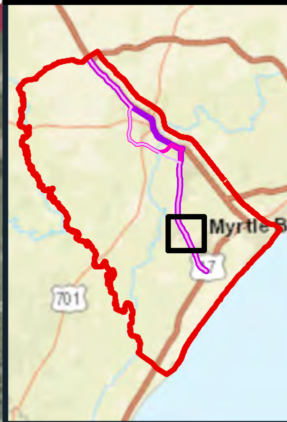
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-9
ALTERNATIVES 14 - 16
NWI MAP

11/2022



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

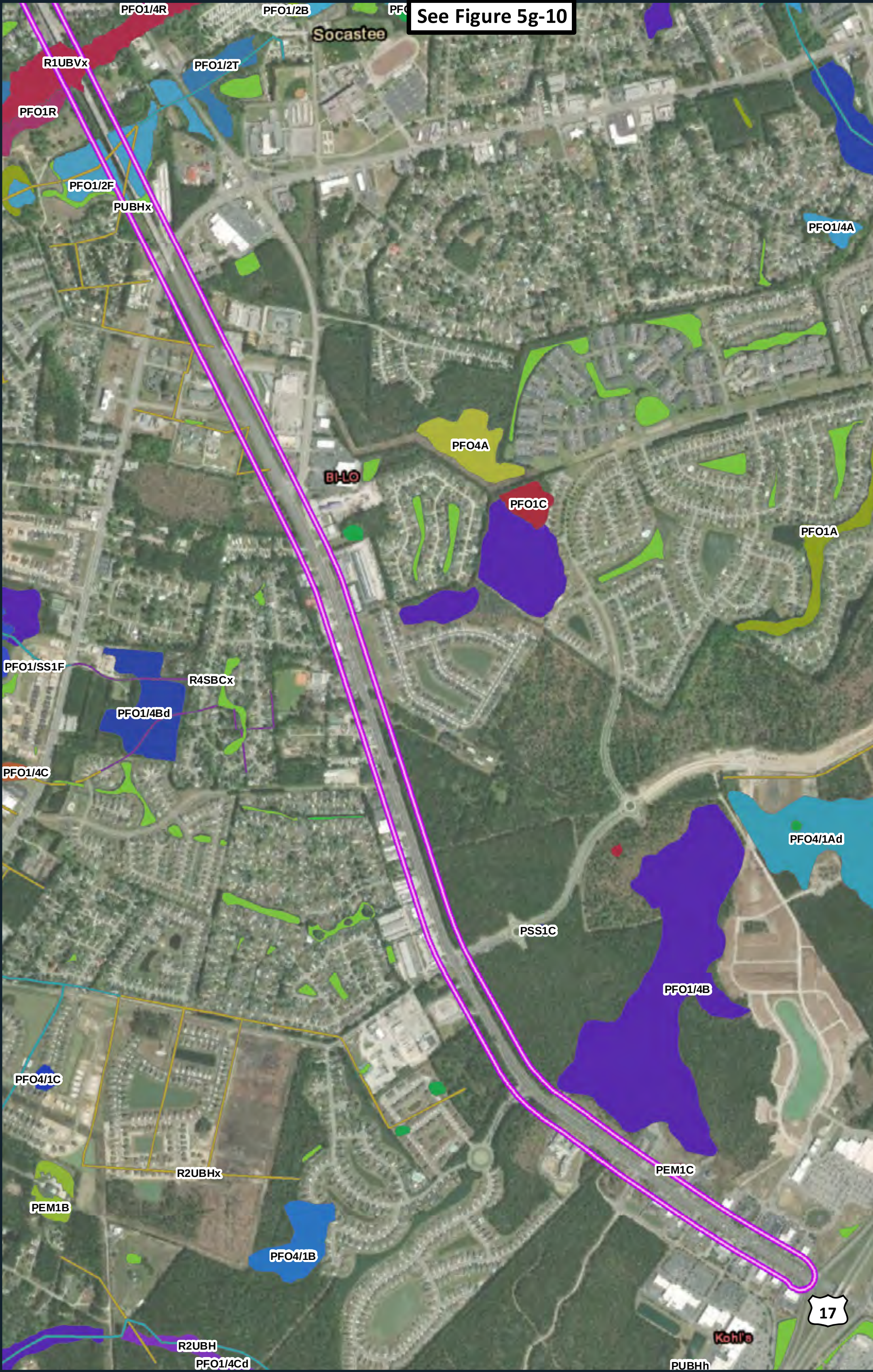
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-10
ALTERNATIVES 14 - 16
NWI MAP

11/2022



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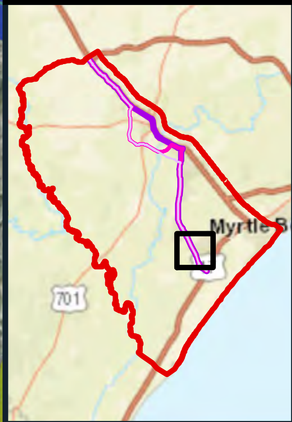
SCDOT
South Carolina Department of Transportation



1 inch = 0.32 miles

0 0.15 0.3
Miles
@ 8.5 x 11 inches

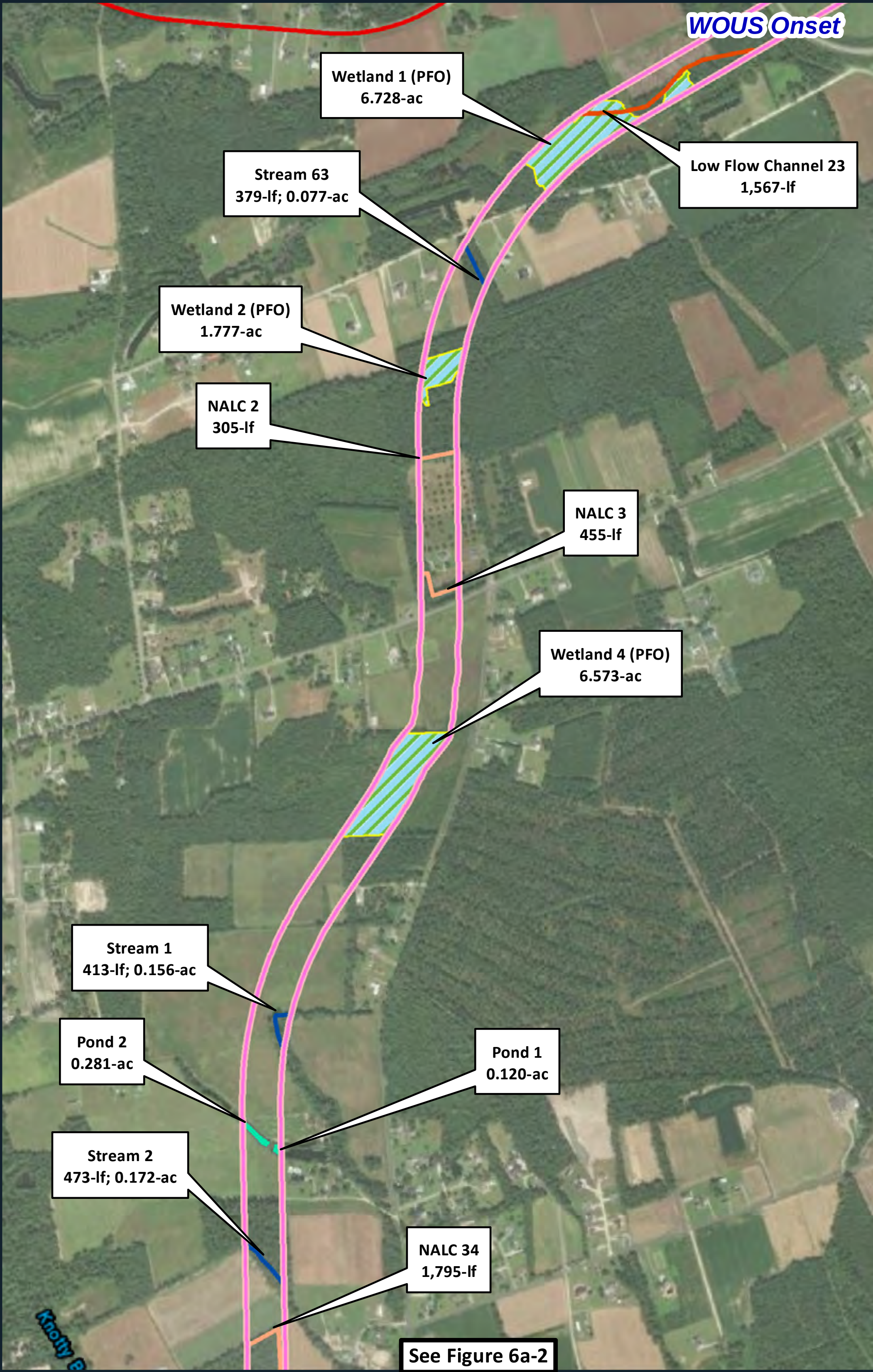
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USFWS Wetland Data Statewide (2018)

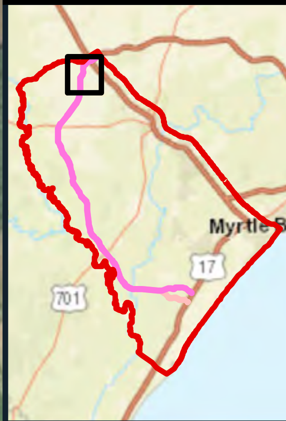
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16

Figure 5g-11
ALTERNATIVES 14 - 16
NWI MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

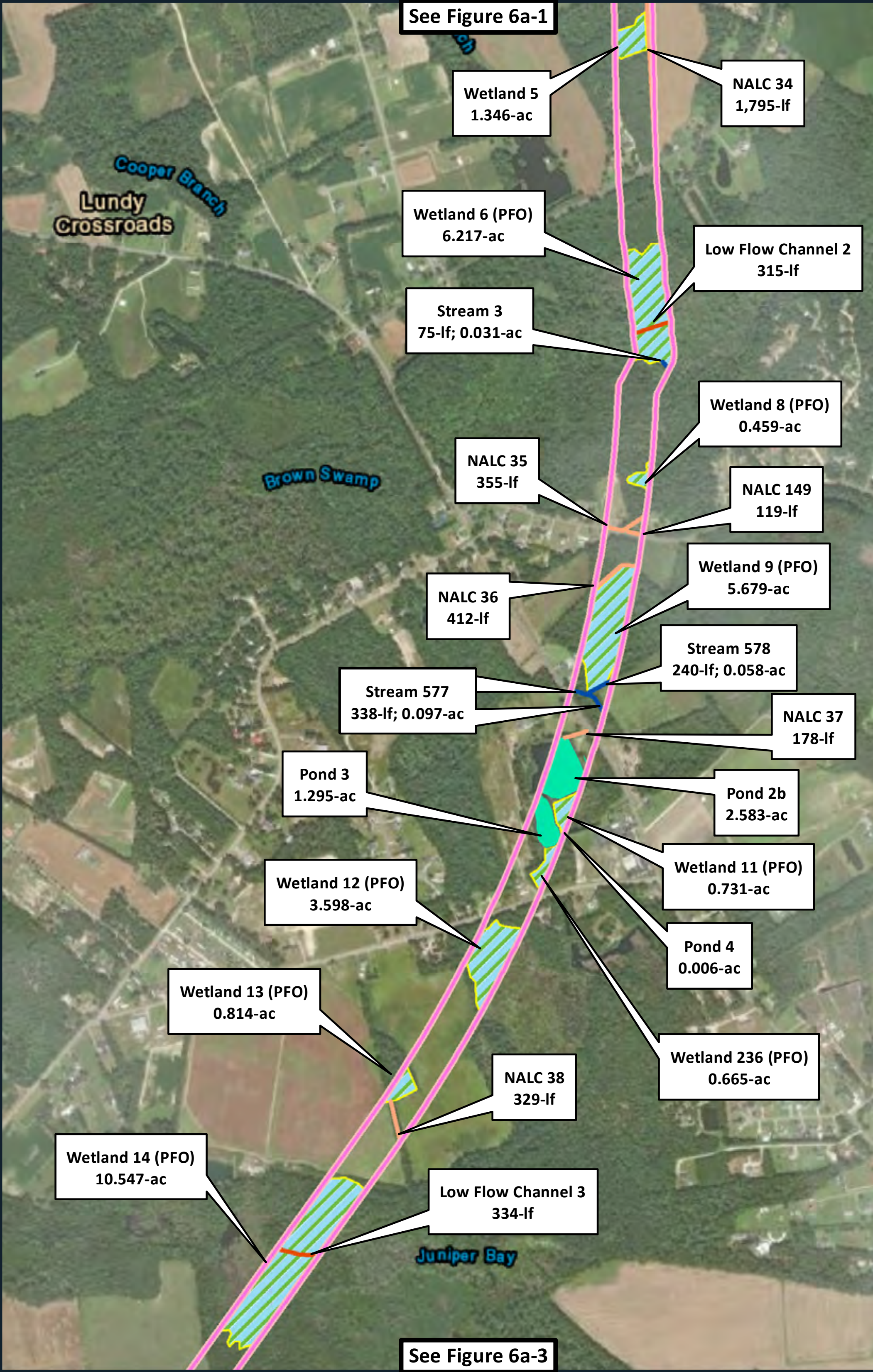
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

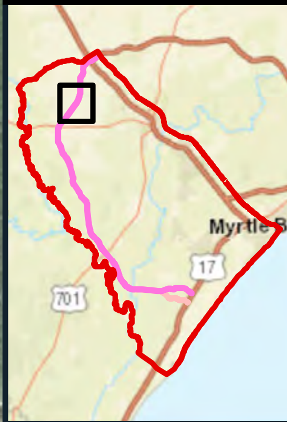
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-1
ALTERNATIVES 1 & 2
WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

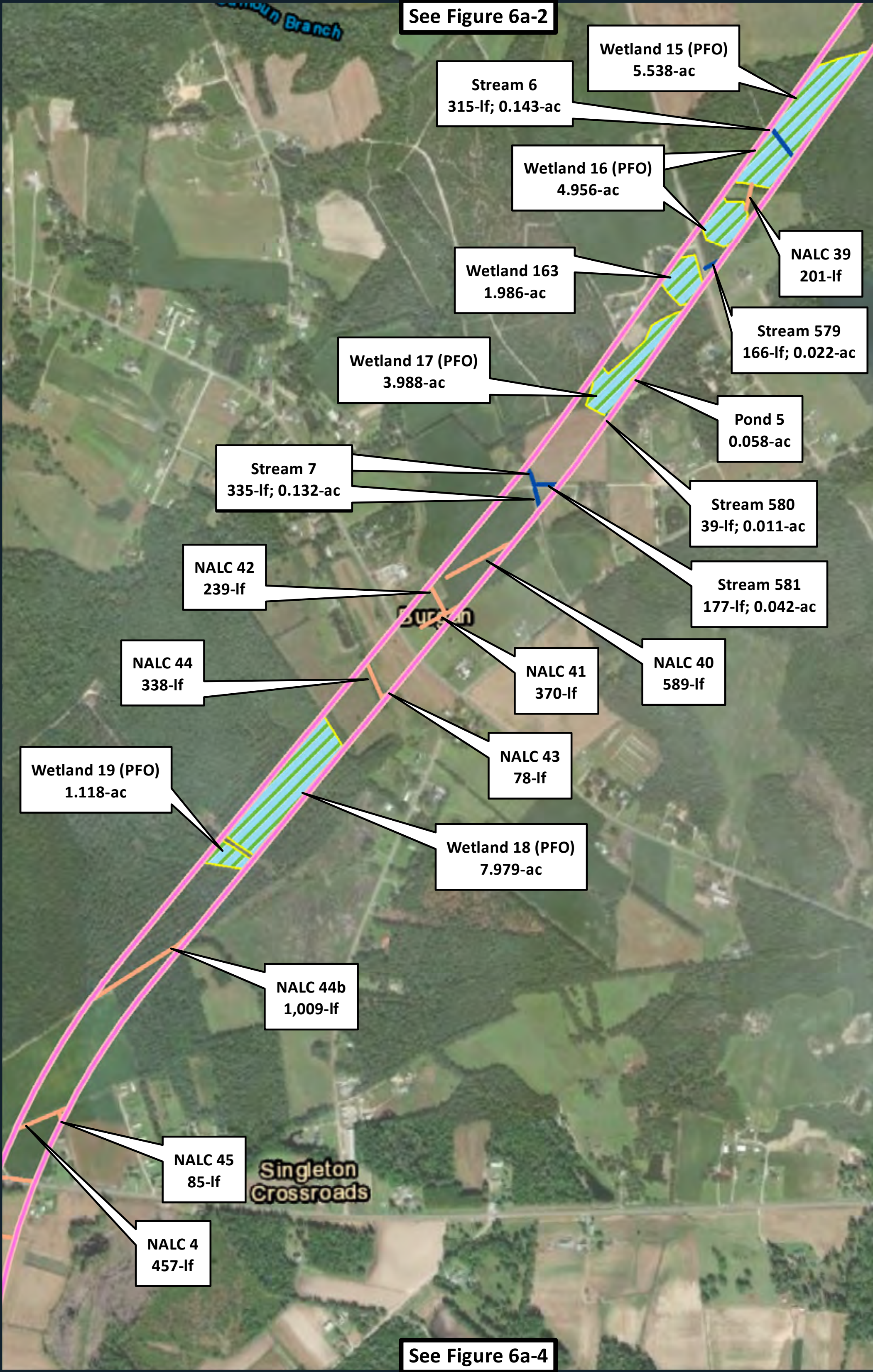
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

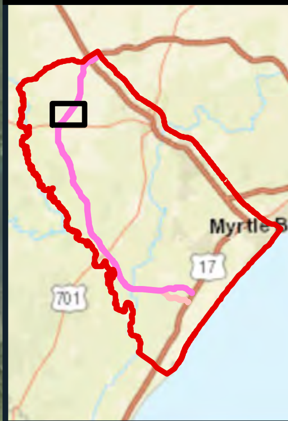
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-2
ALTERNATIVES 1 & 2
WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

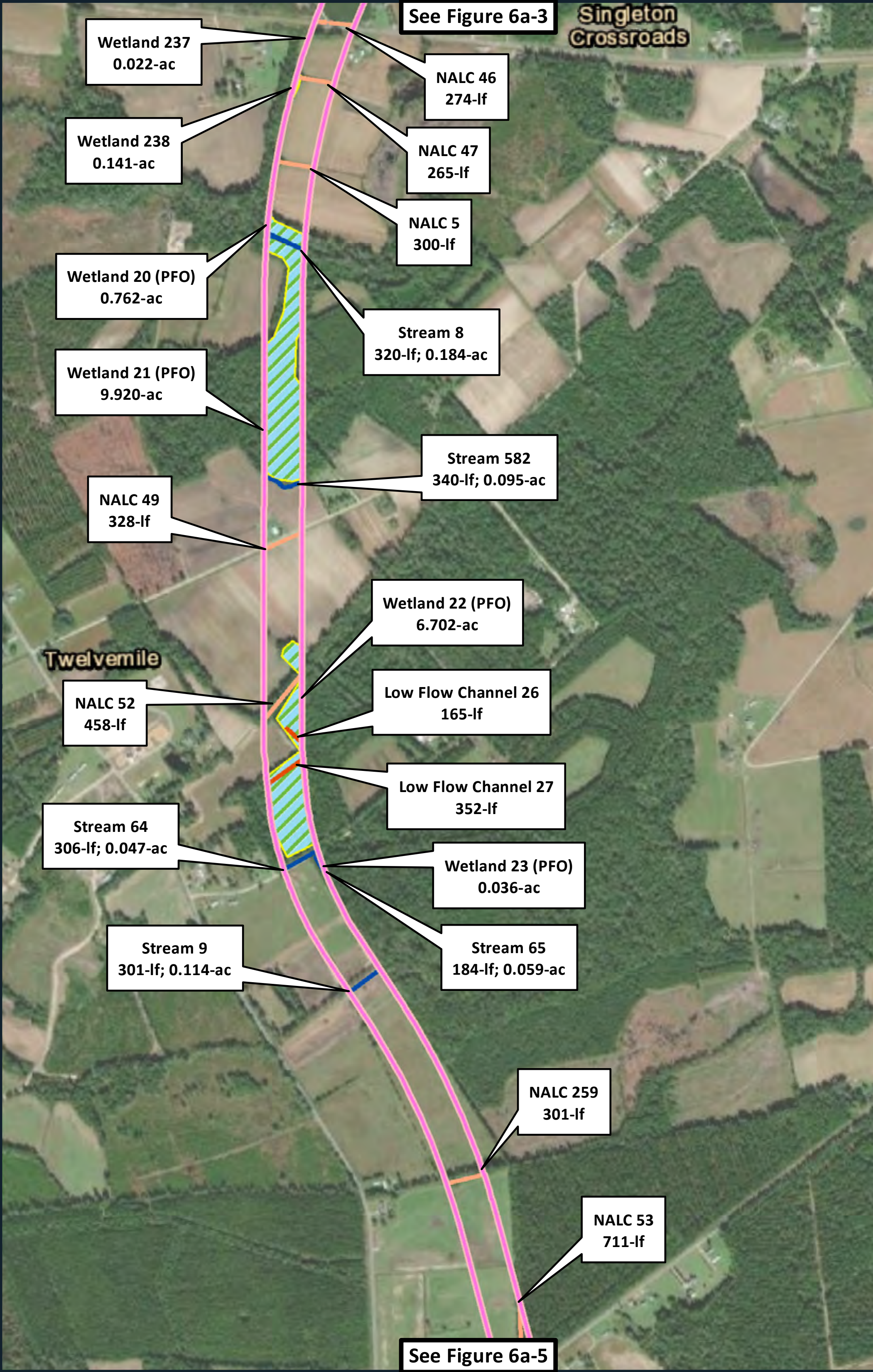
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

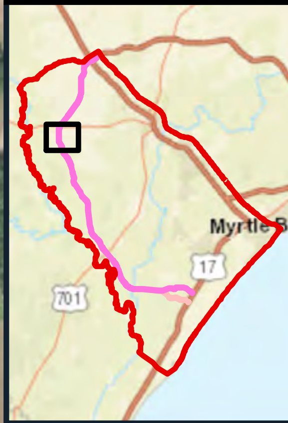
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-3 ALTERNATIVES 1 & 2 WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-4
ALTERNATIVES 1 & 2
WATERS MAP

10/2022

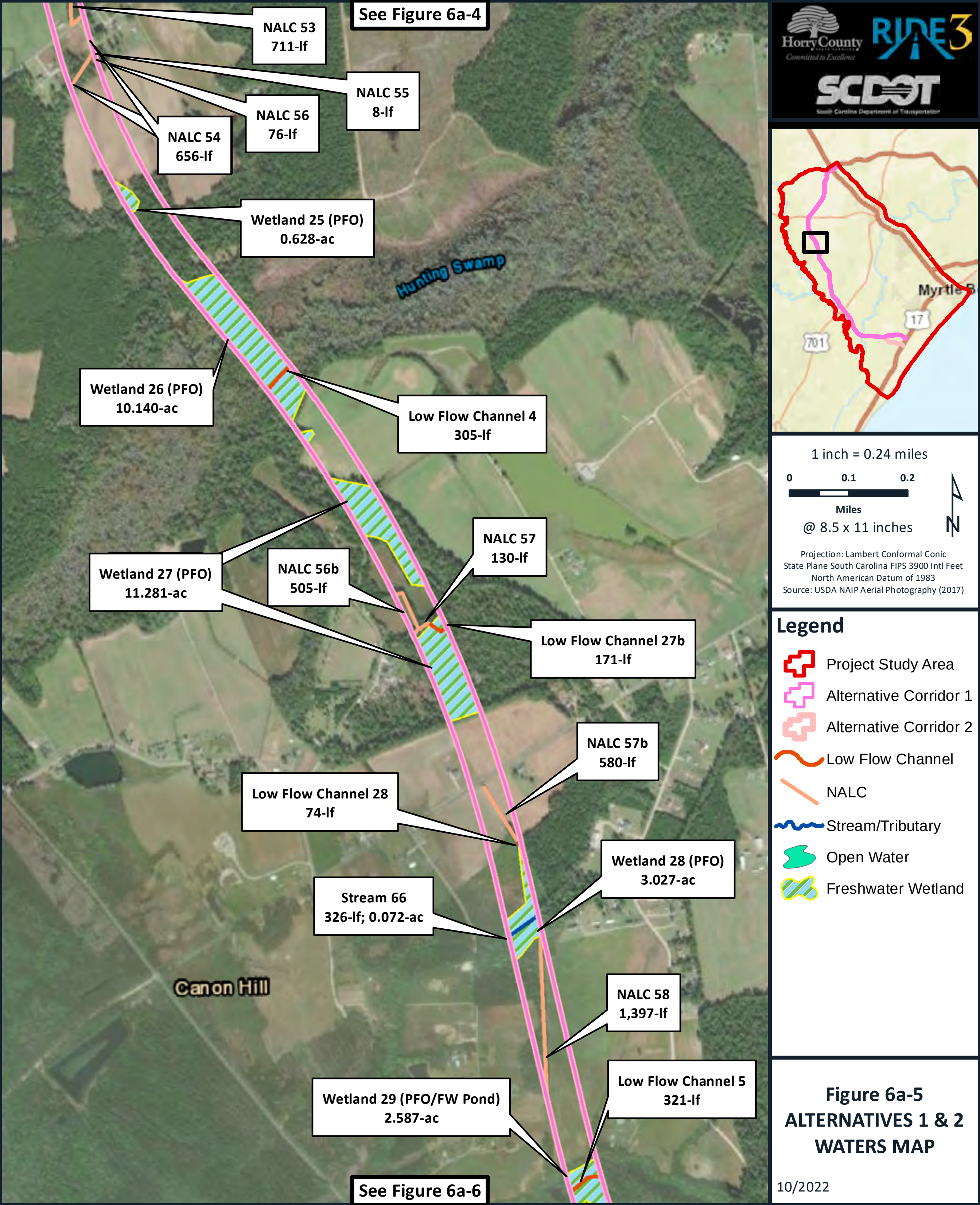


Figure 6a-5
ALTERNATIVES 1 & 2
WATERS MAP

10/2022

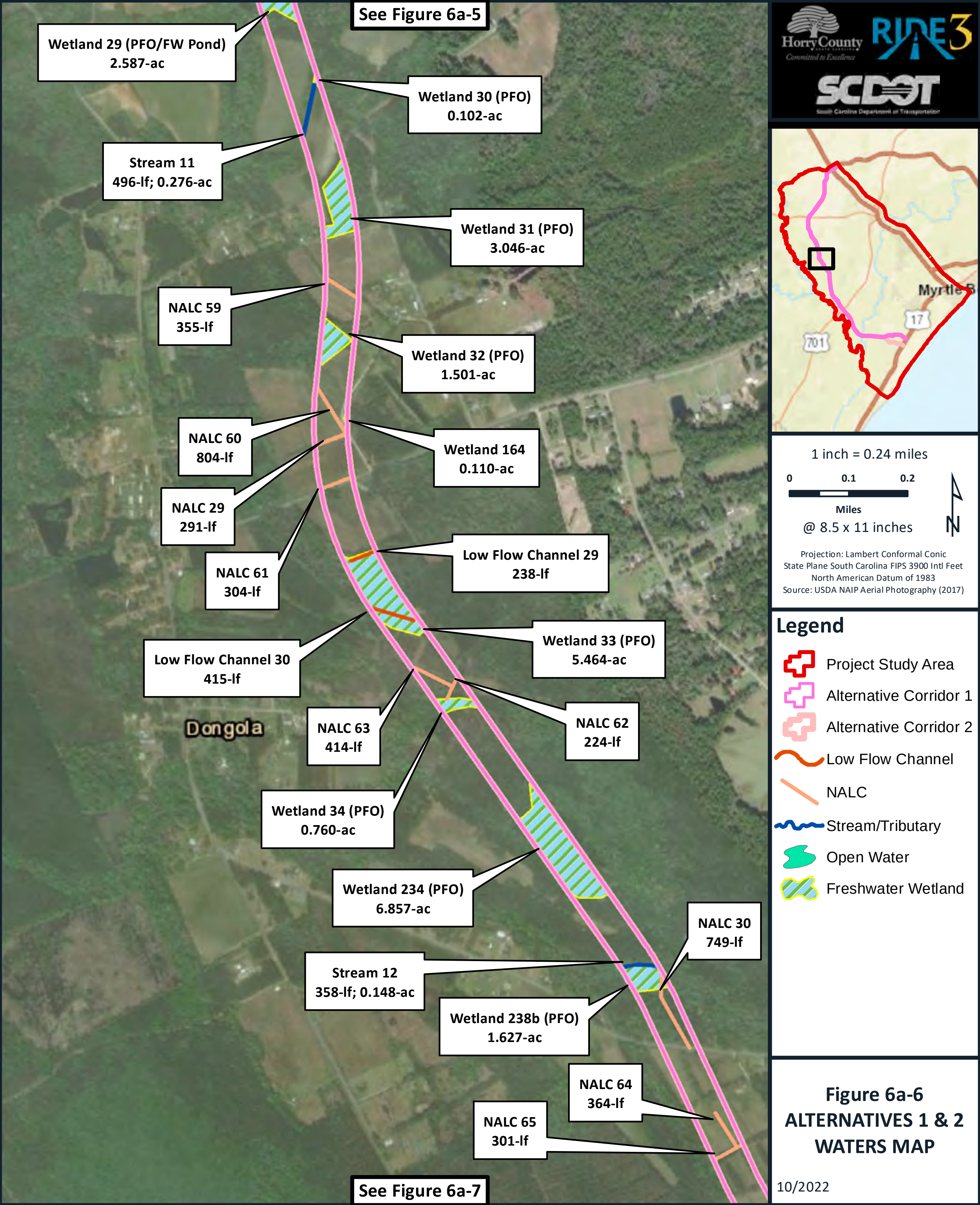
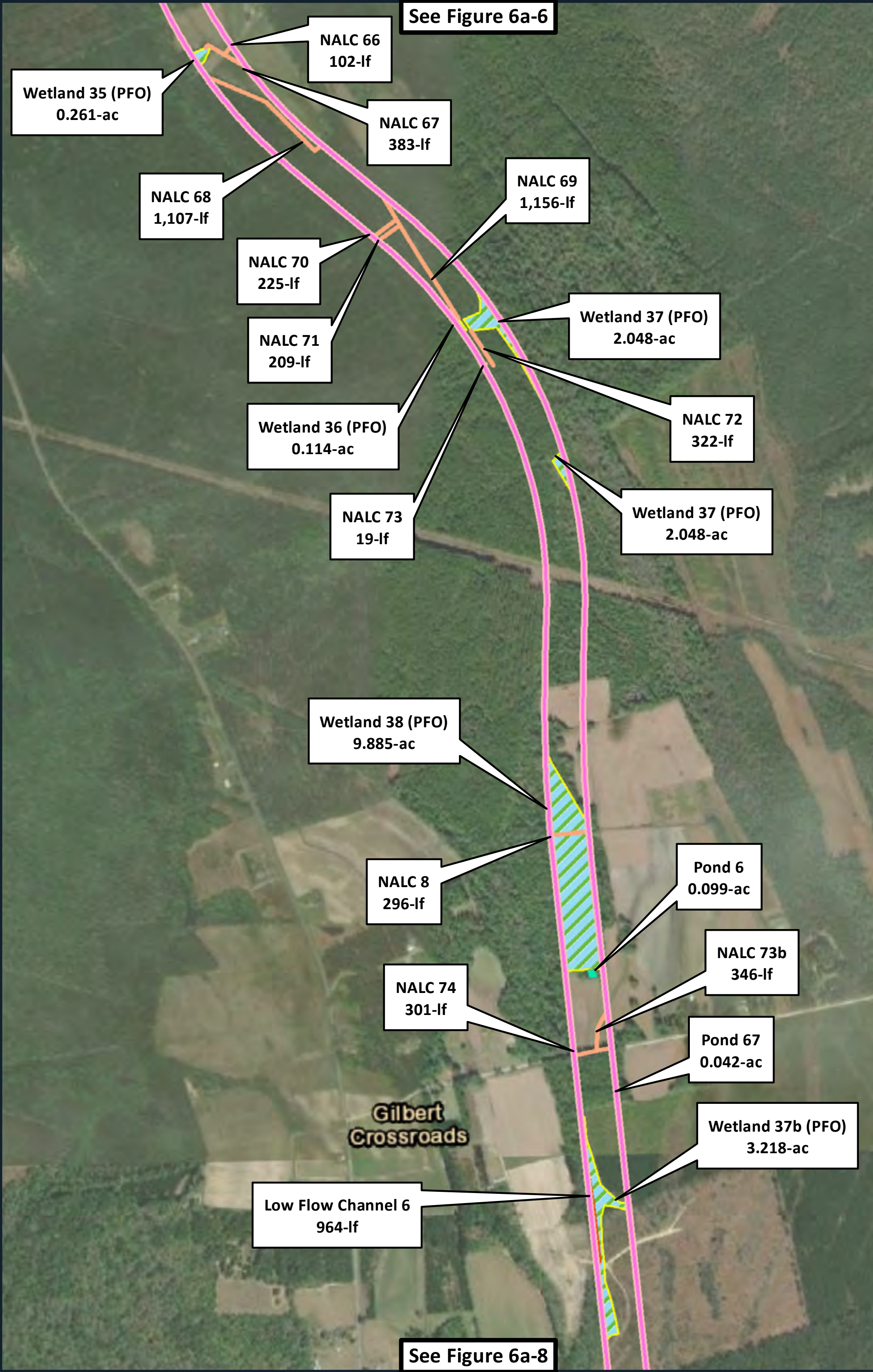
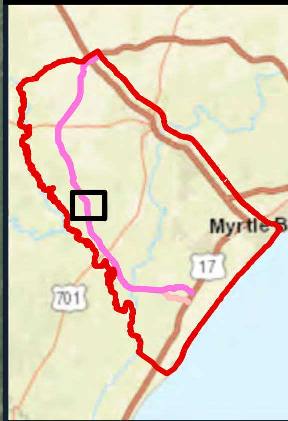


Figure 6a-6
ALTERNATIVES 1 & 2
WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

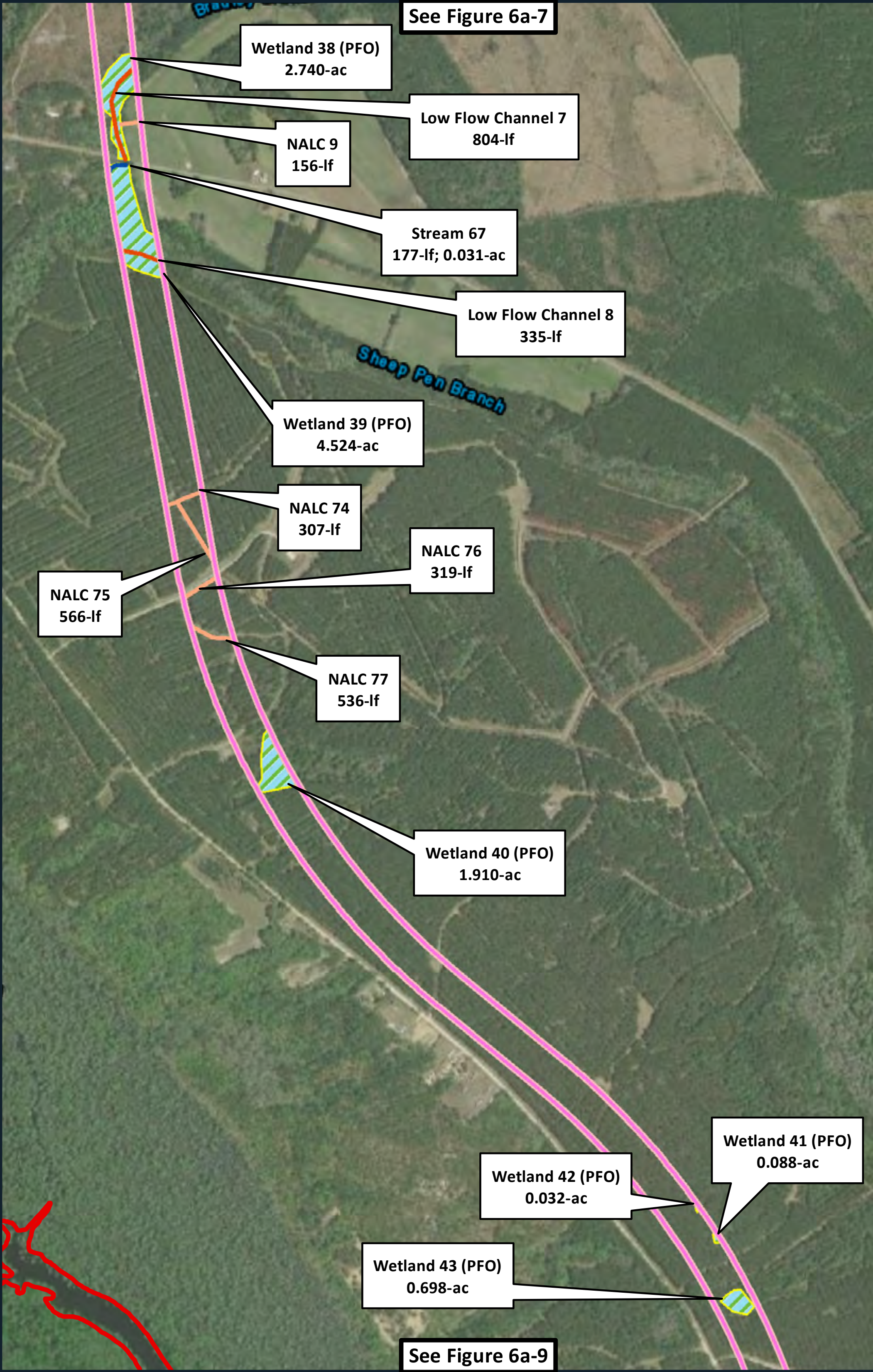
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

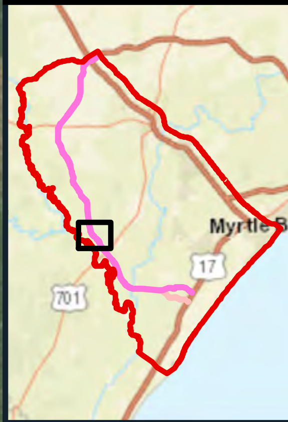
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-7
ALTERNATIVES 1 & 2
WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

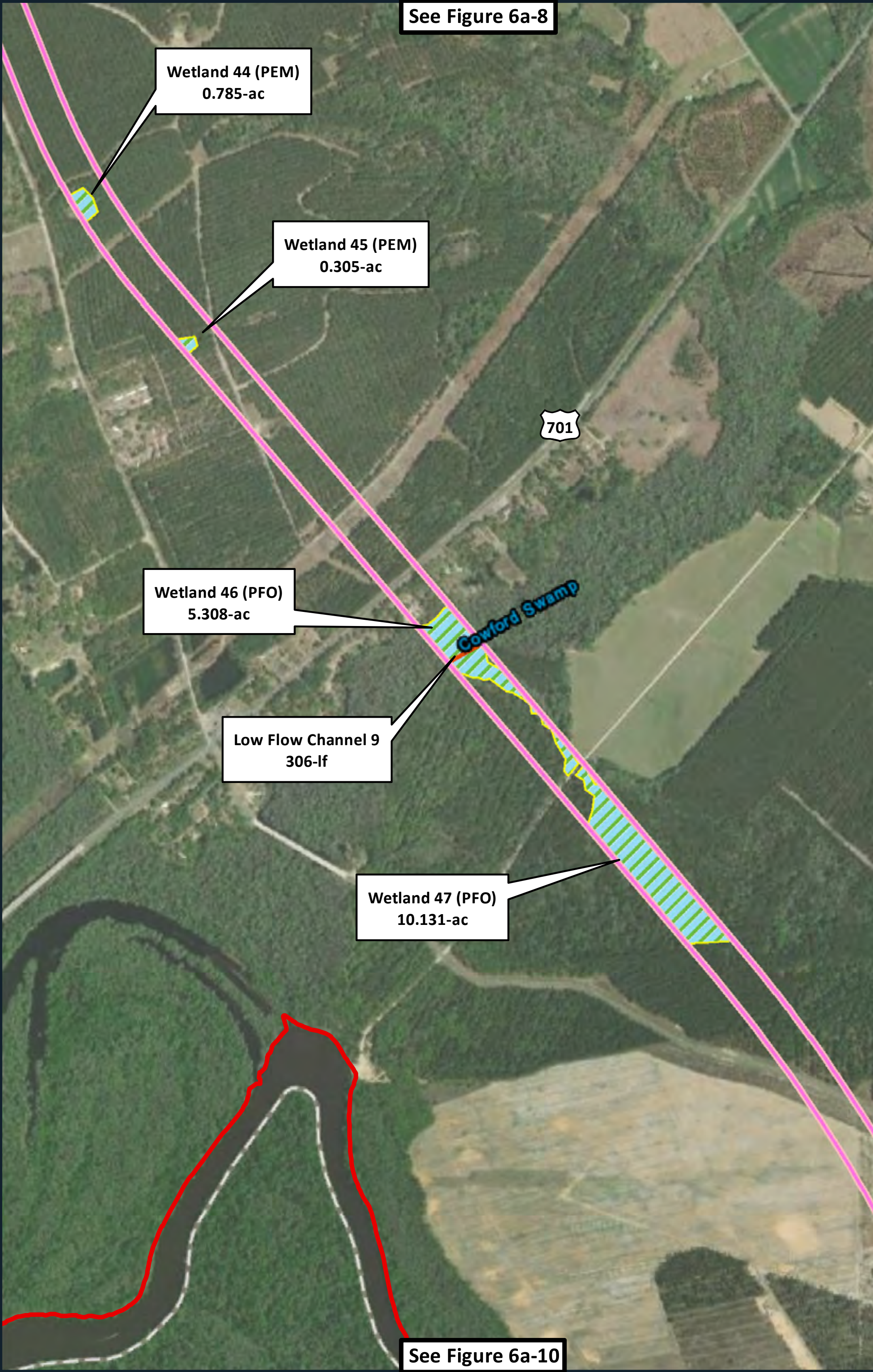
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

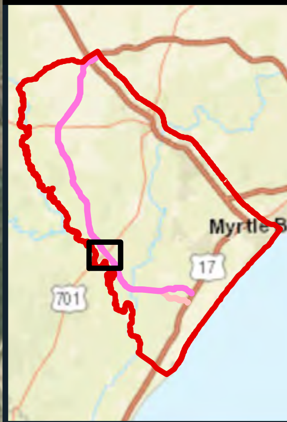
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-8
ALTERNATIVES 1 & 2 WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-9
ALTERNATIVES 1 & 2
WATERS MAP

10/2022

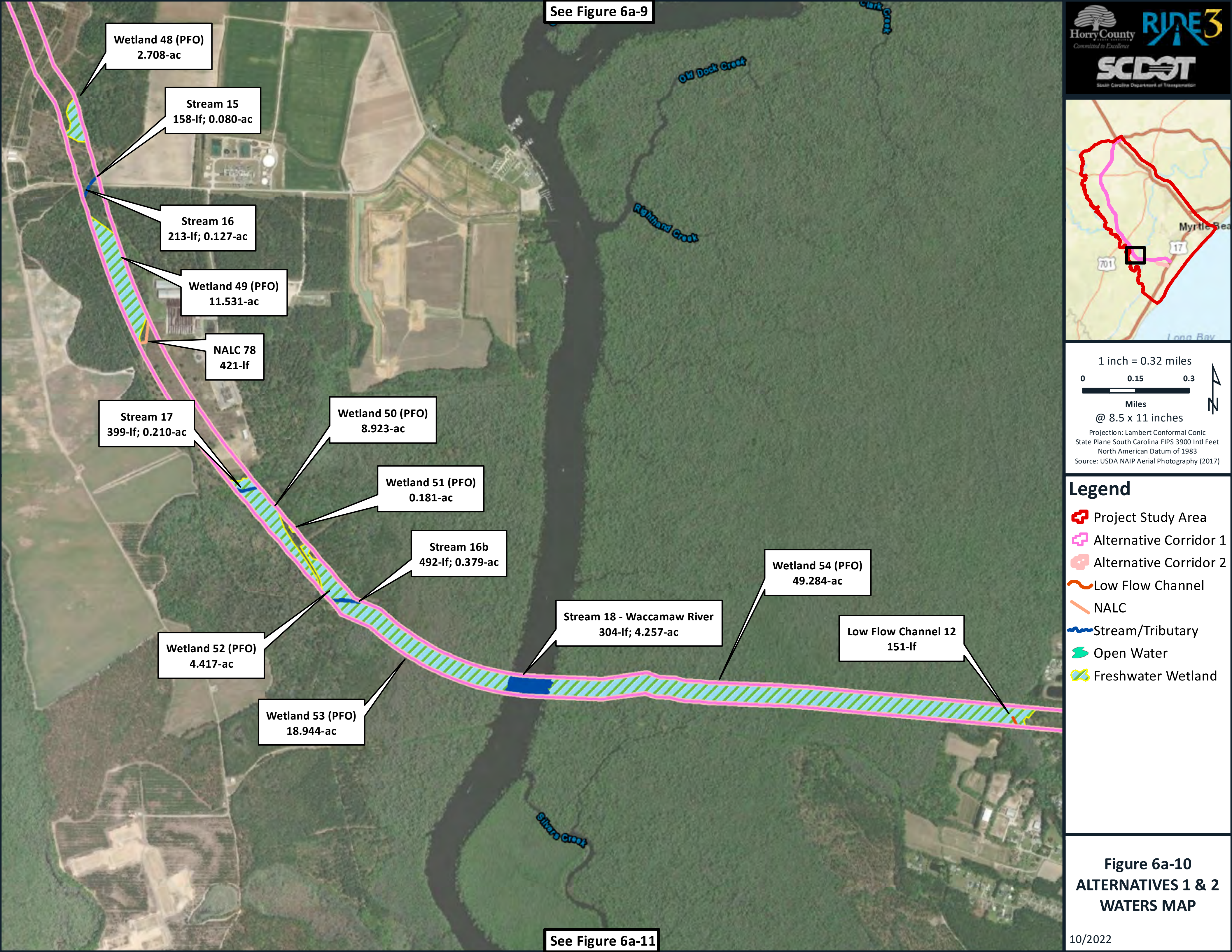
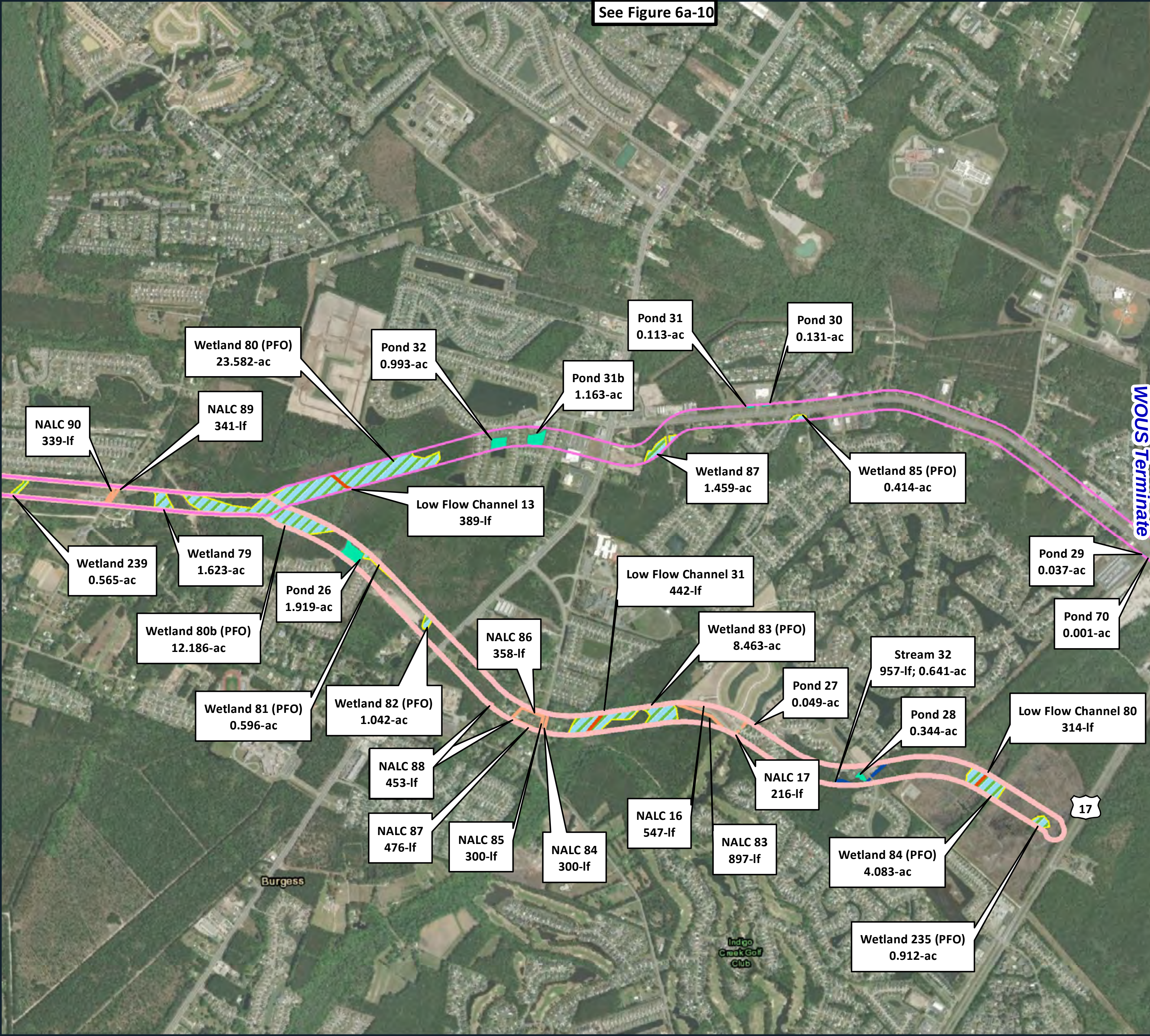


Figure 6a-10
ALTERNATIVES 1 & 2
WATERS MAP

10/2022



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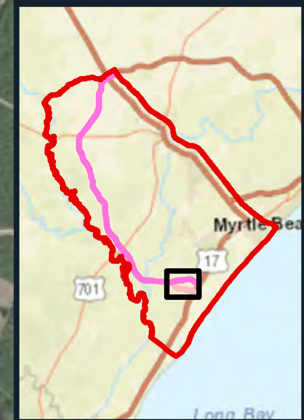


1 inch = 0.36 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

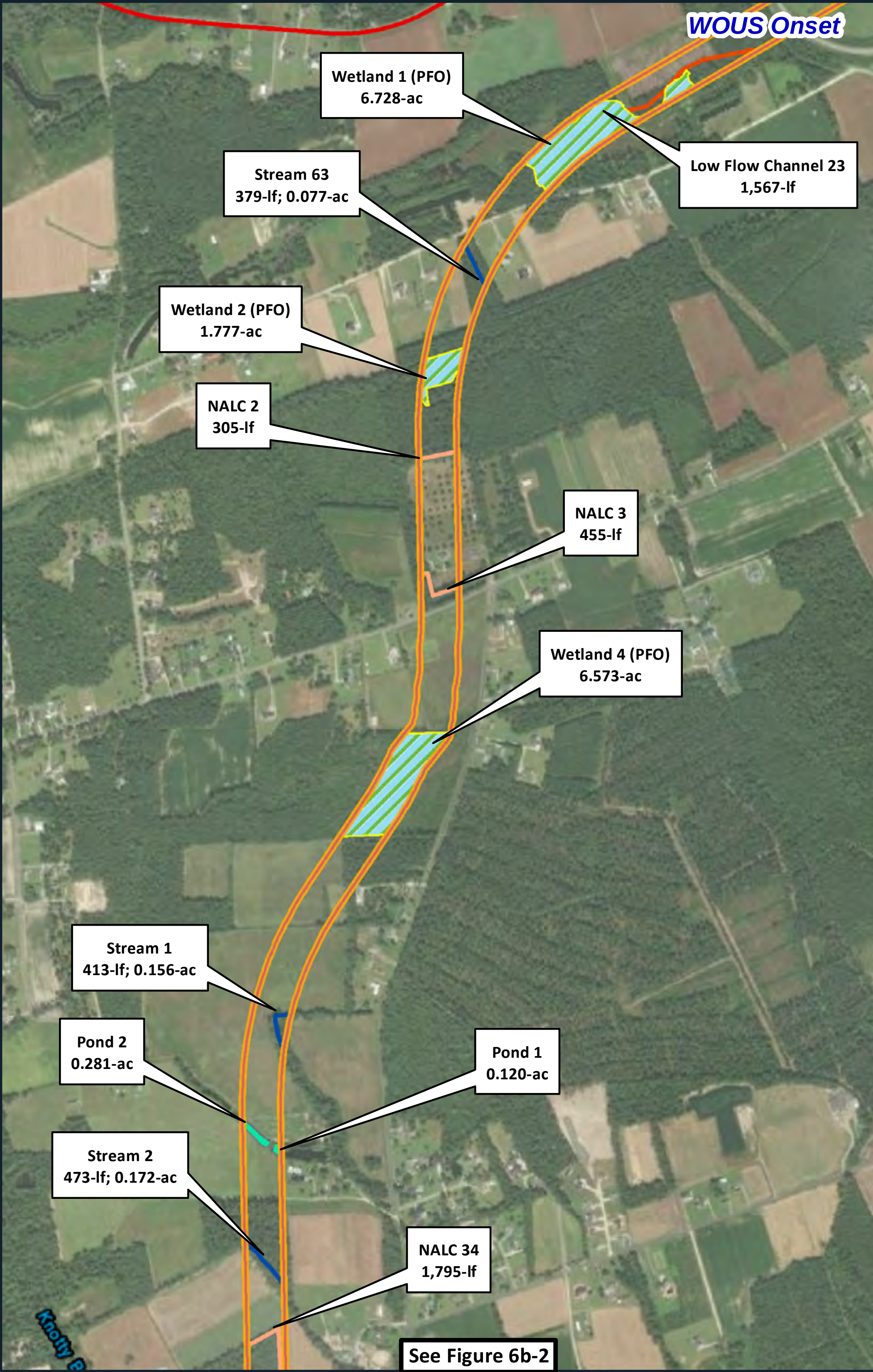
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

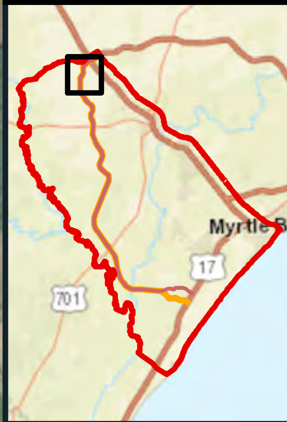
Legend

- Project Study Area
- Alternative Corridor 1
- Alternative Corridor 2
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6a-11
ALTERNATIVES 1 & 2
WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

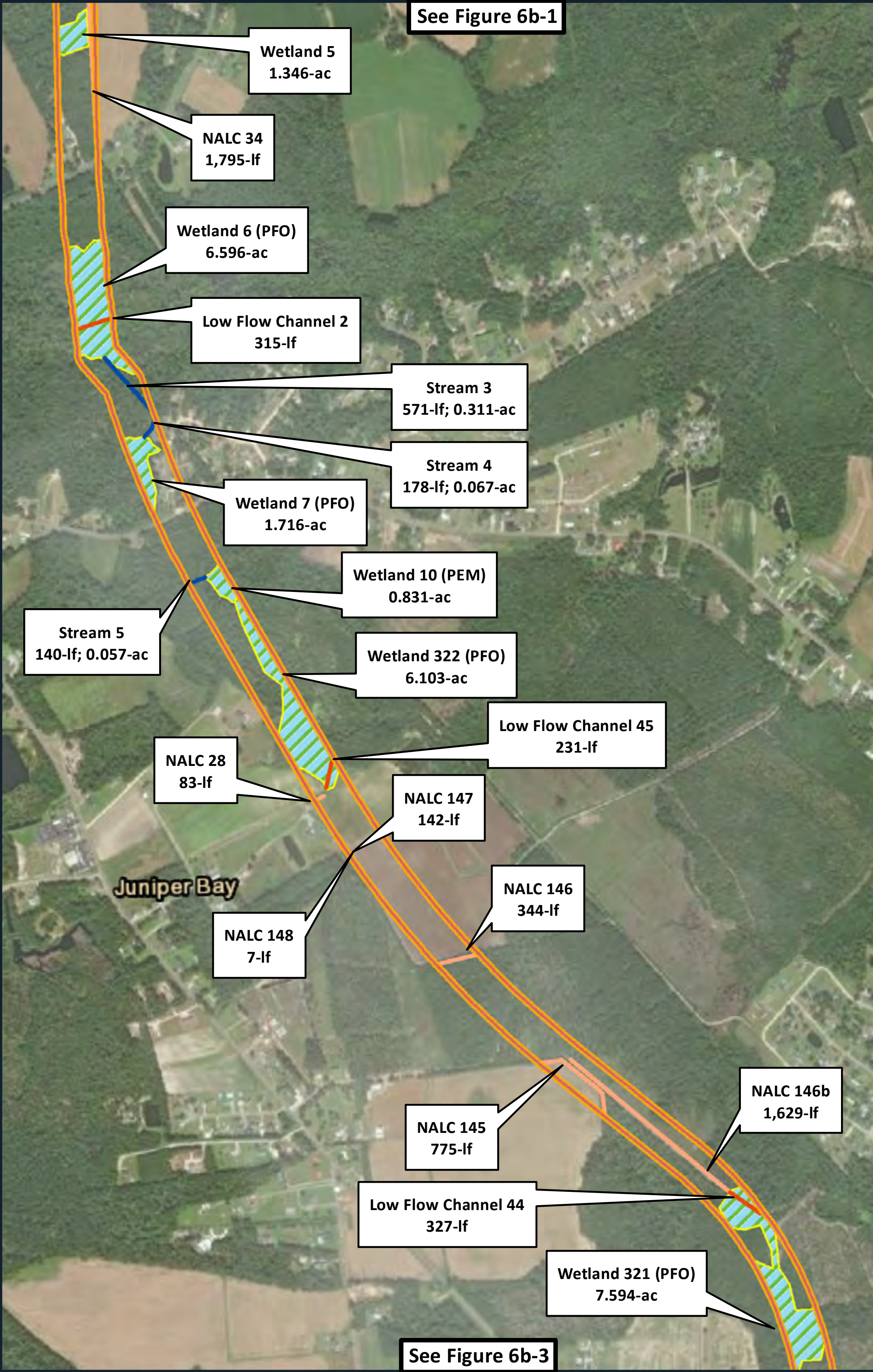
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-1
ALTERNATIVES 3 & 4
WATERS MAP

10/2022



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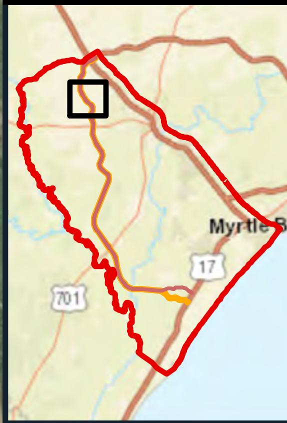


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

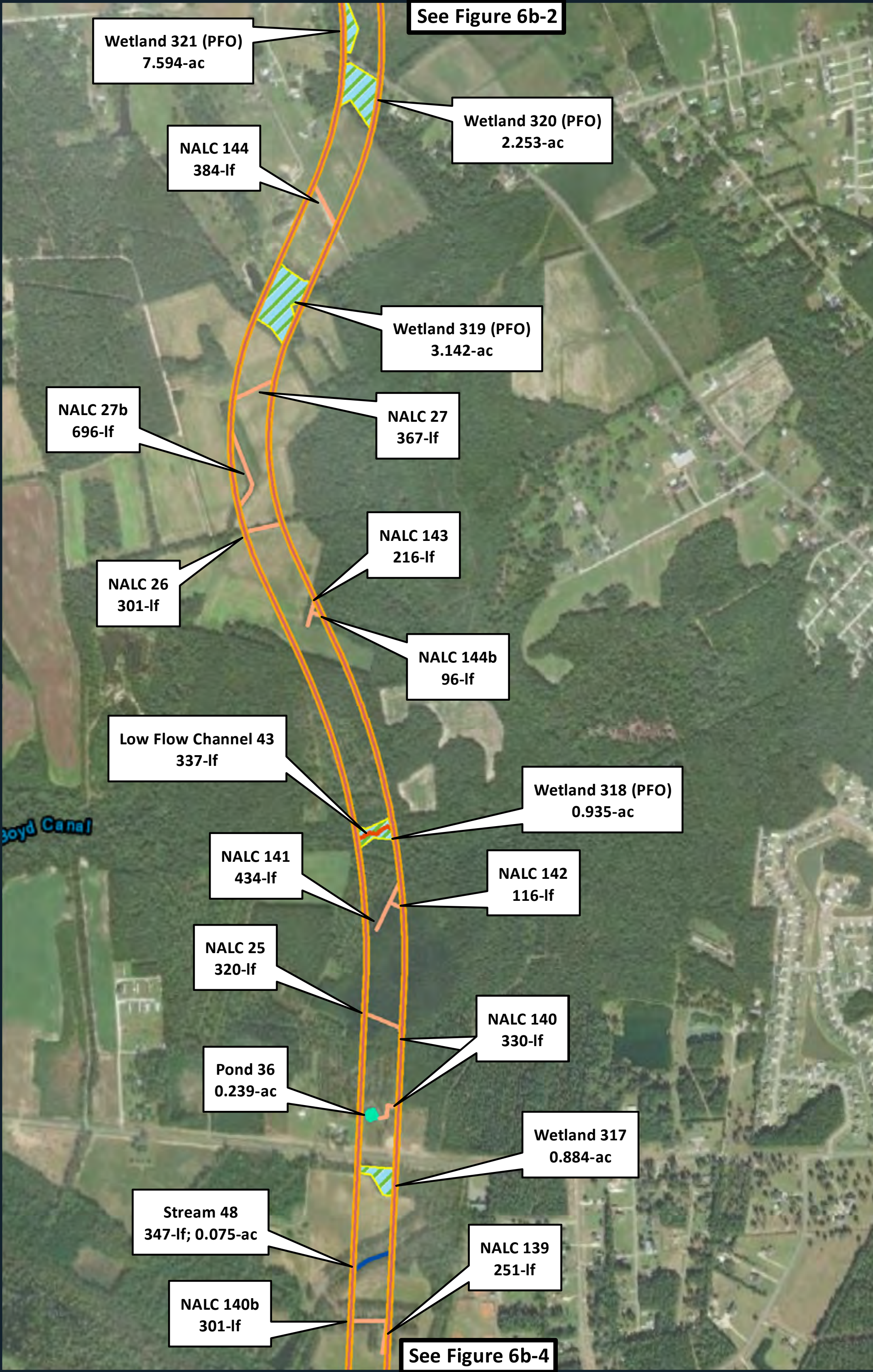
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-2
ALTERNATIVES 3 & 4
WATERS MAP

10/2022



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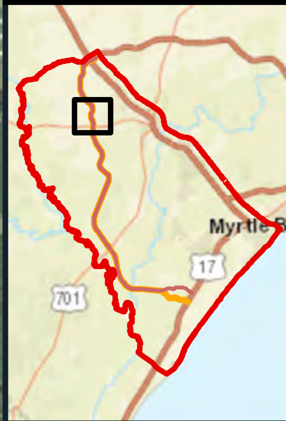


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

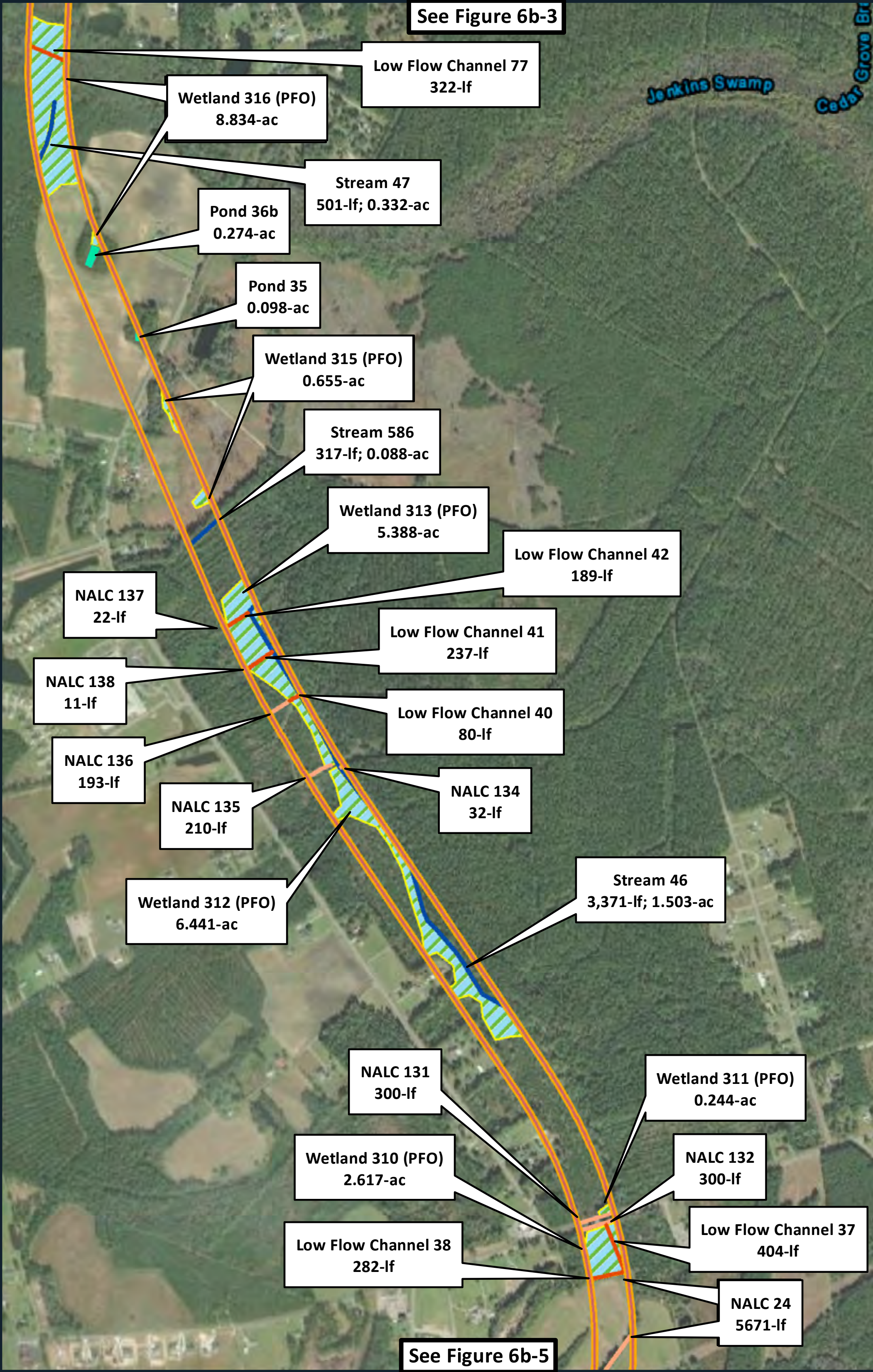
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-3
ALTERNATIVES 3 & 4
WATERS MAP

10/2022



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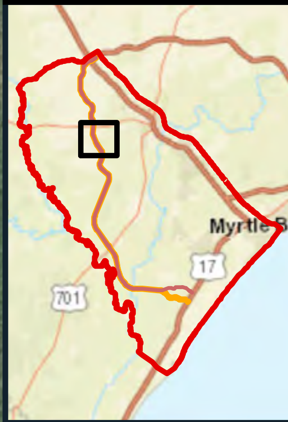


1 inch = 0.24 miles
0 0.1 0.2
Miles
@ 8.5 x 11 inches
N

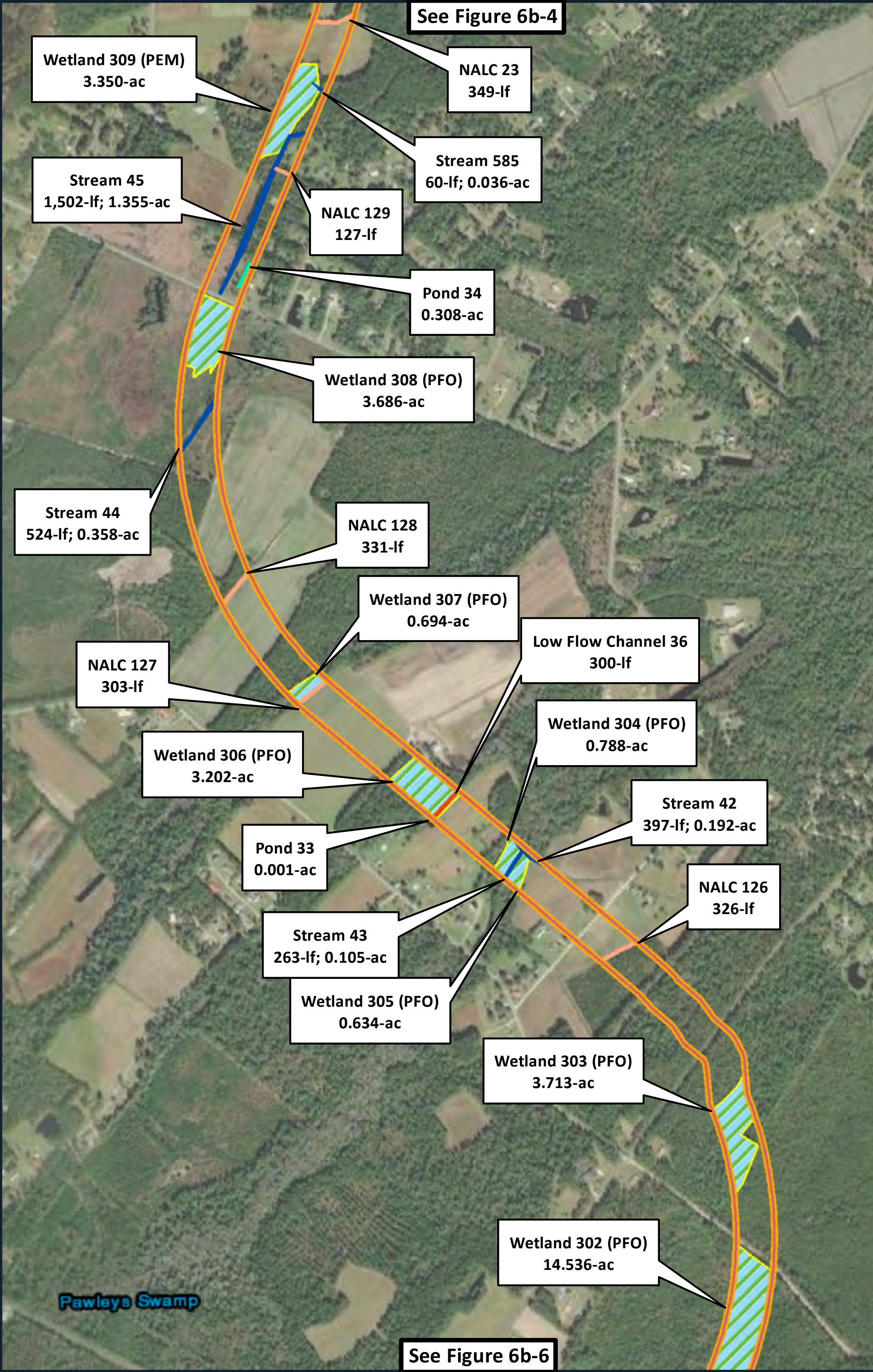
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-4
ALTERNATIVES 3 & 4
WATERS MAP

10/2022



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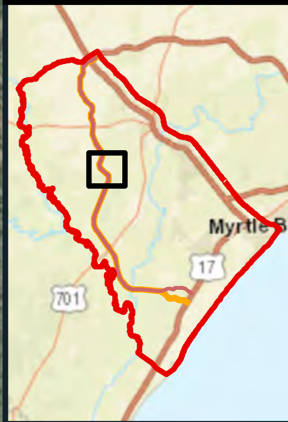
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches
N

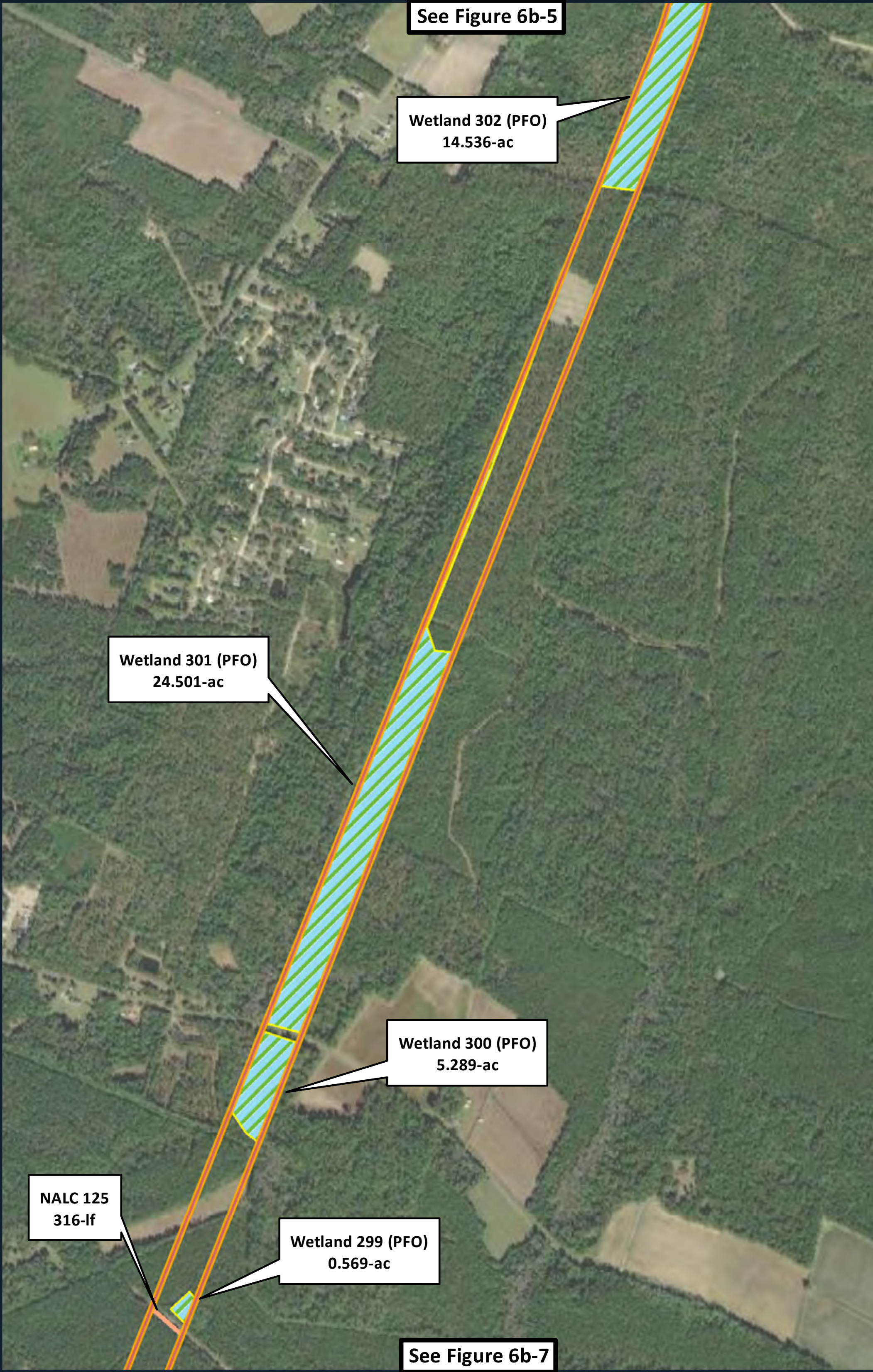
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-5
ALTERNATIVES 3 & 4
WATERS MAP

10/2022



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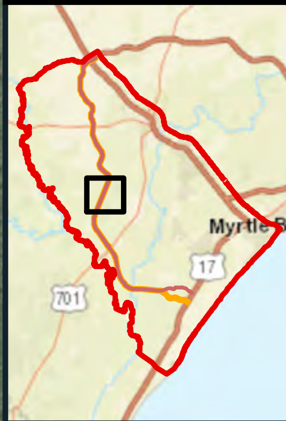
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

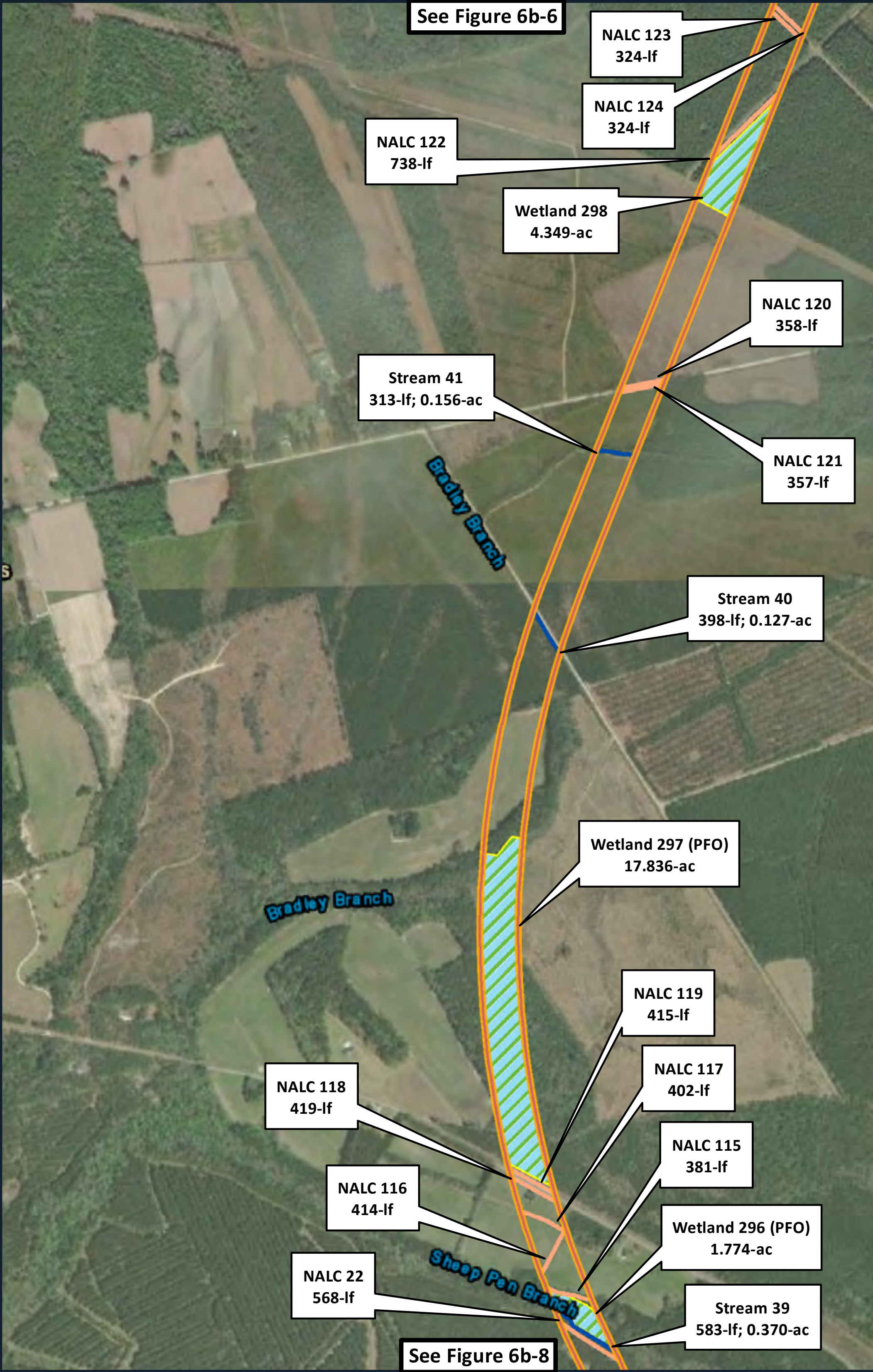
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-6
ALTERNATIVES 3 & 4
WATERS MAP

10/2022



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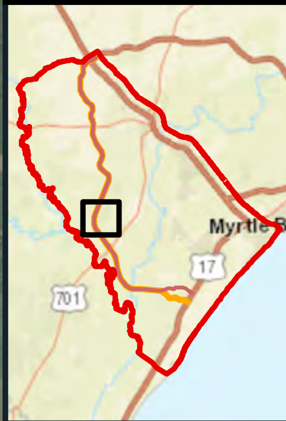


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

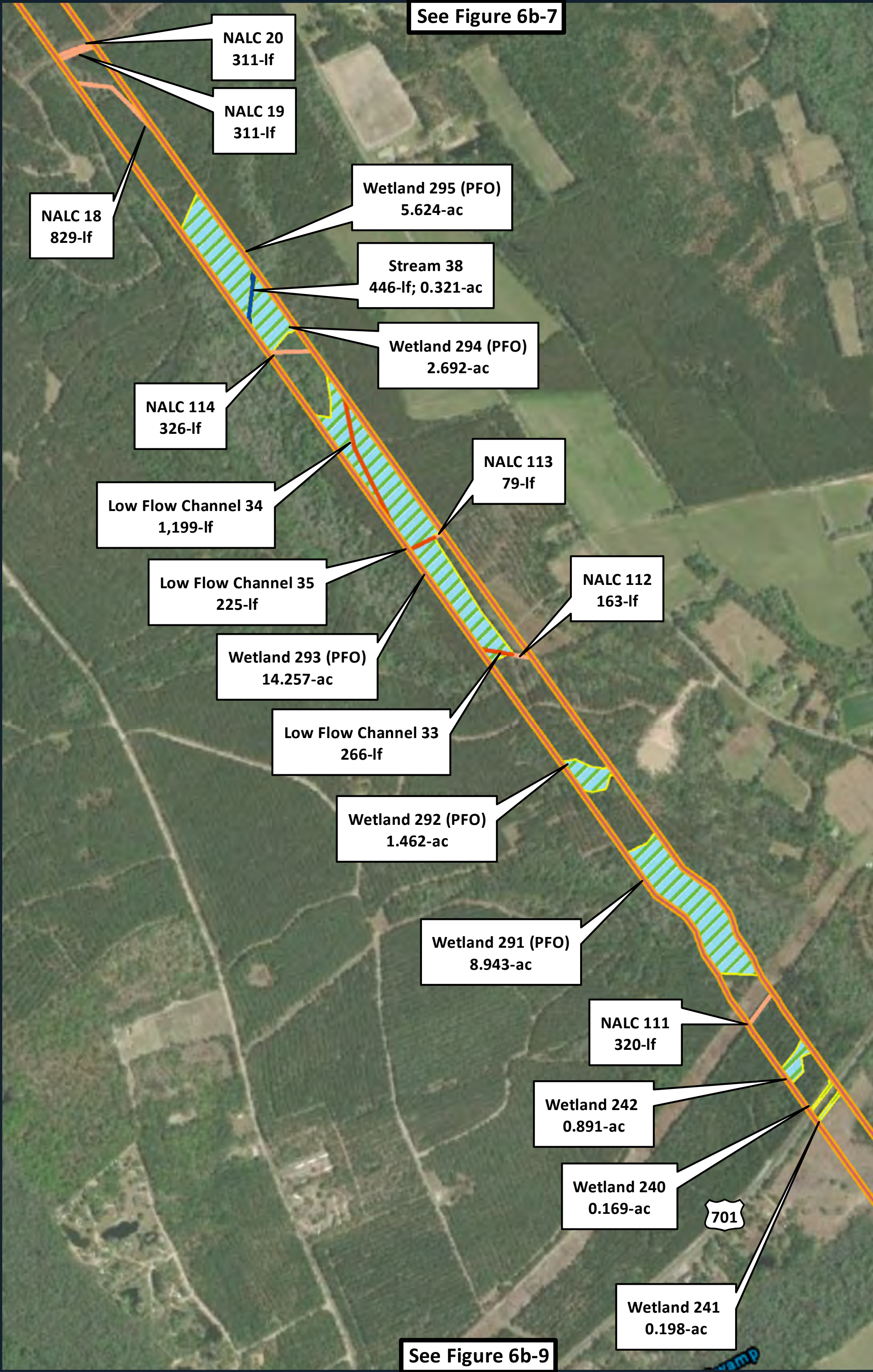
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-7
ALTERNATIVES 3 & 4
WATERS MAP

10/2022



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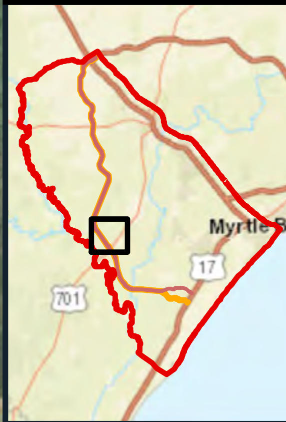


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 3
- Alternative Corridor 4
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6b-8
ALTERNATIVES 3 & 4
WATERS MAP

10/2022

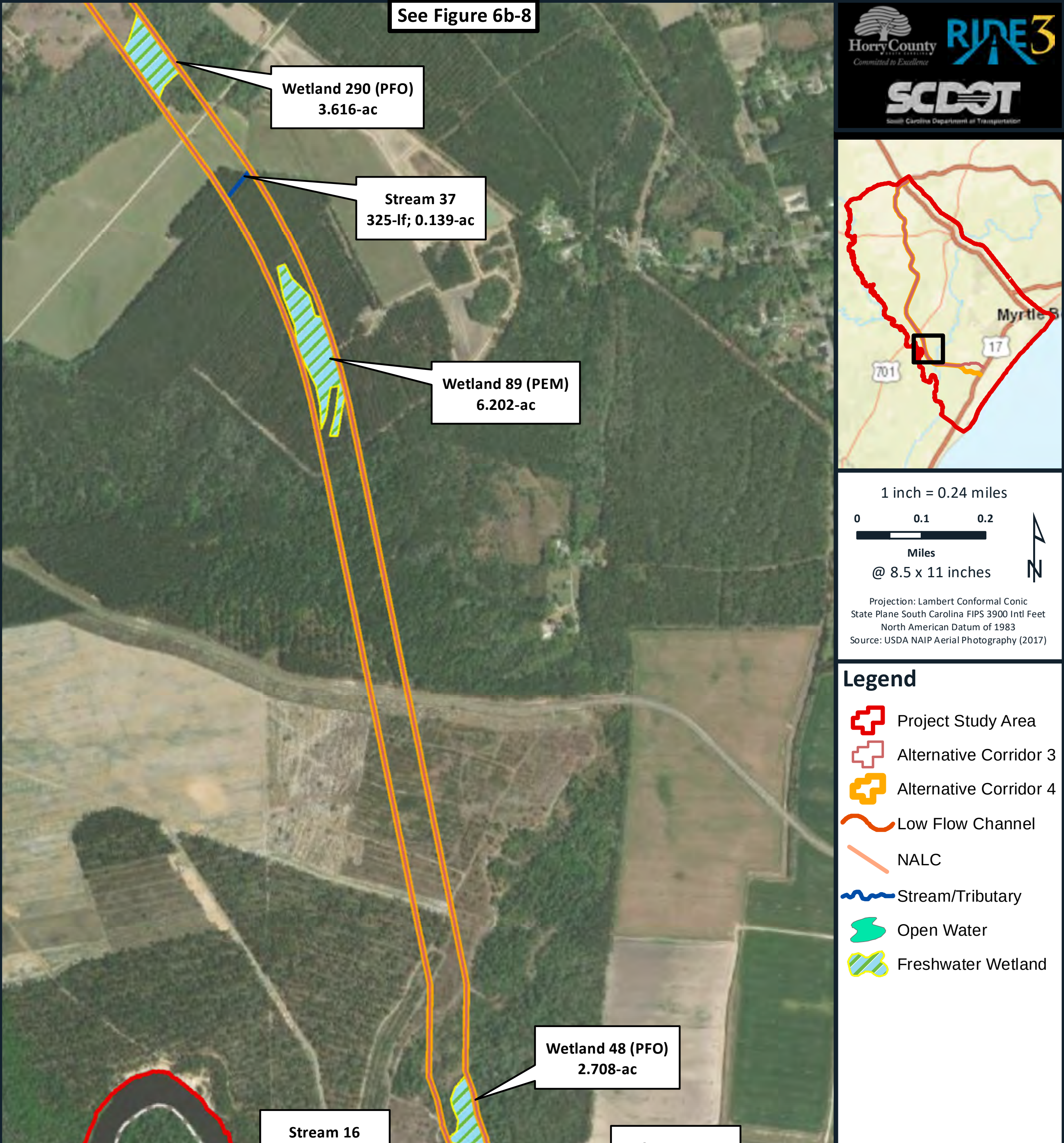


Figure 6b-9
ALTERNATIVES 3 & 4
WATERS MAP

10/2022

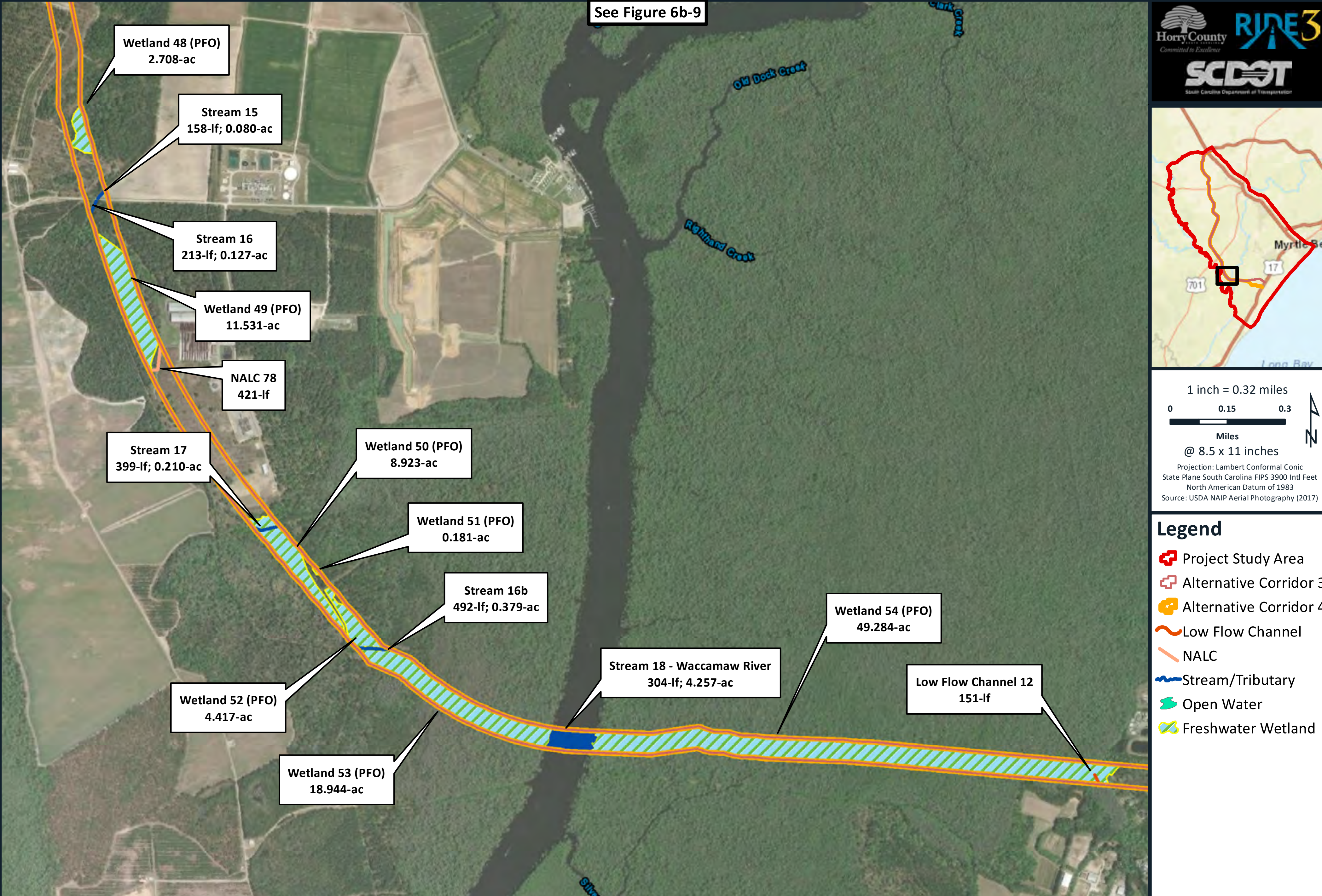


Figure 6b-10
ALTERNATIVES 3 & 4
WATERS MAP

10/2022

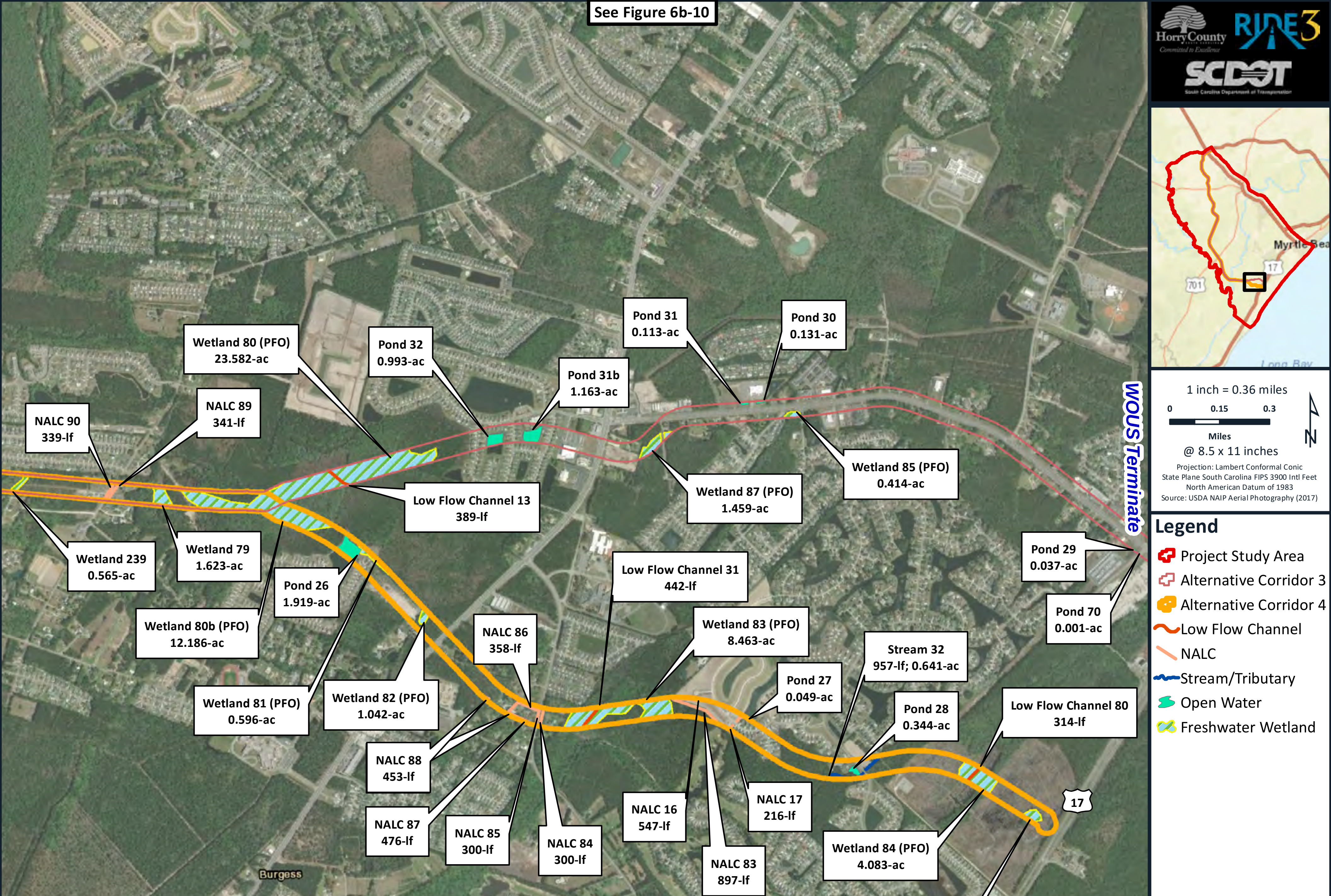


Figure 6b-11
ALTERNATIVES 3 & 4 WATERS MAP

10/2022

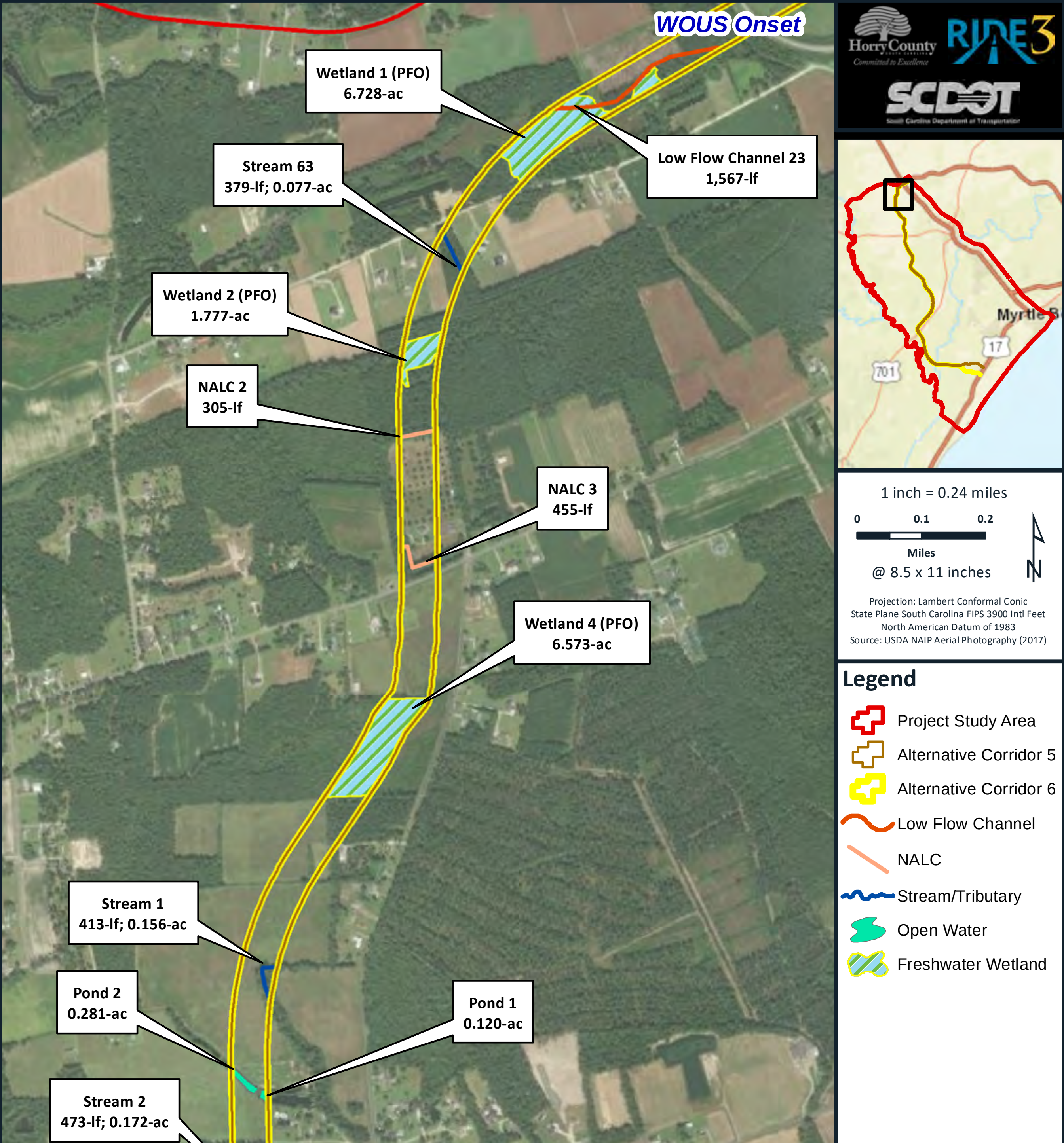
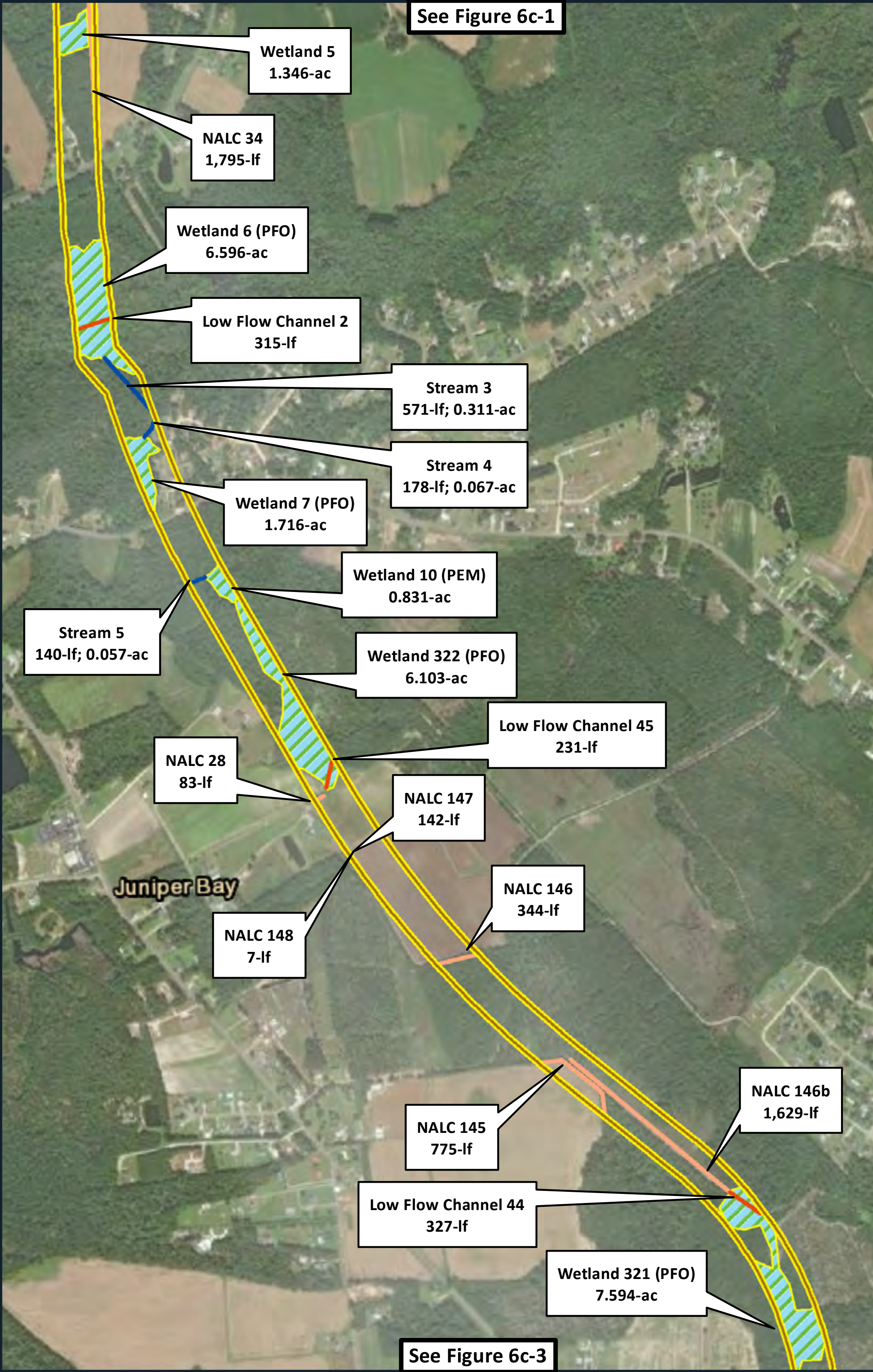


Figure 6c-1
ALTERNATIVES 5 & 6
WATERS MAP

10/2022



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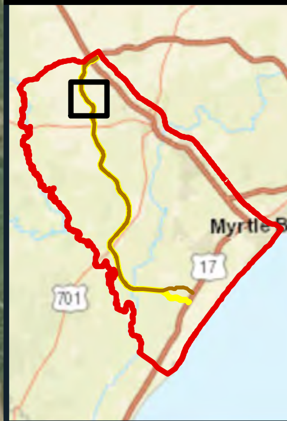


1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

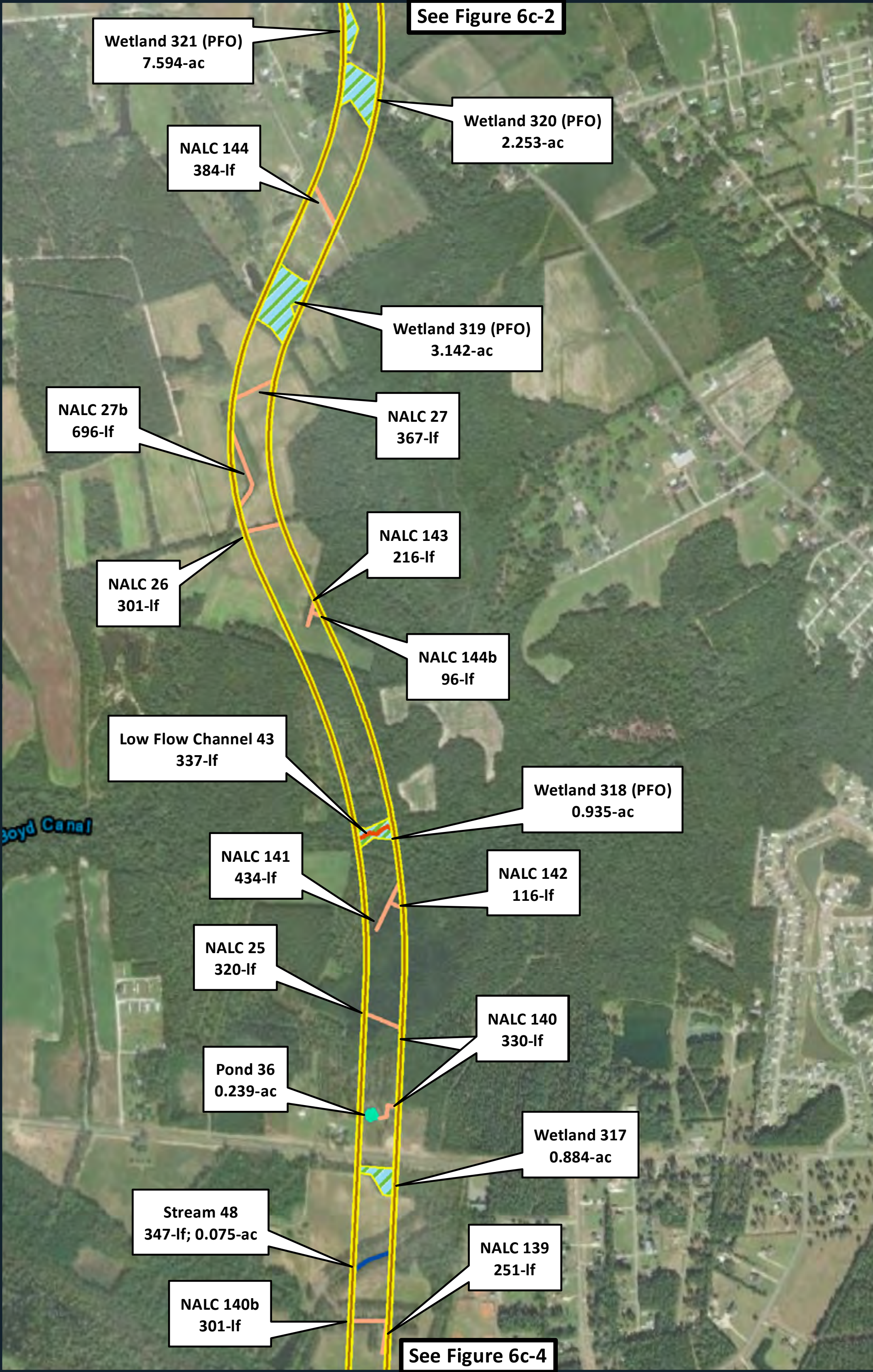
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6c-2
ALTERNATIVES 5 & 6
WATERS MAP

10/2022



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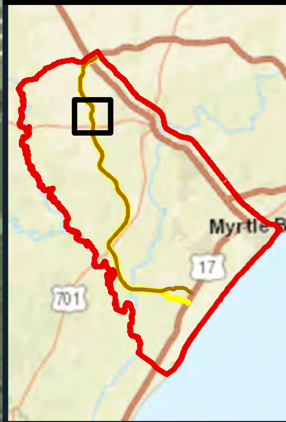


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

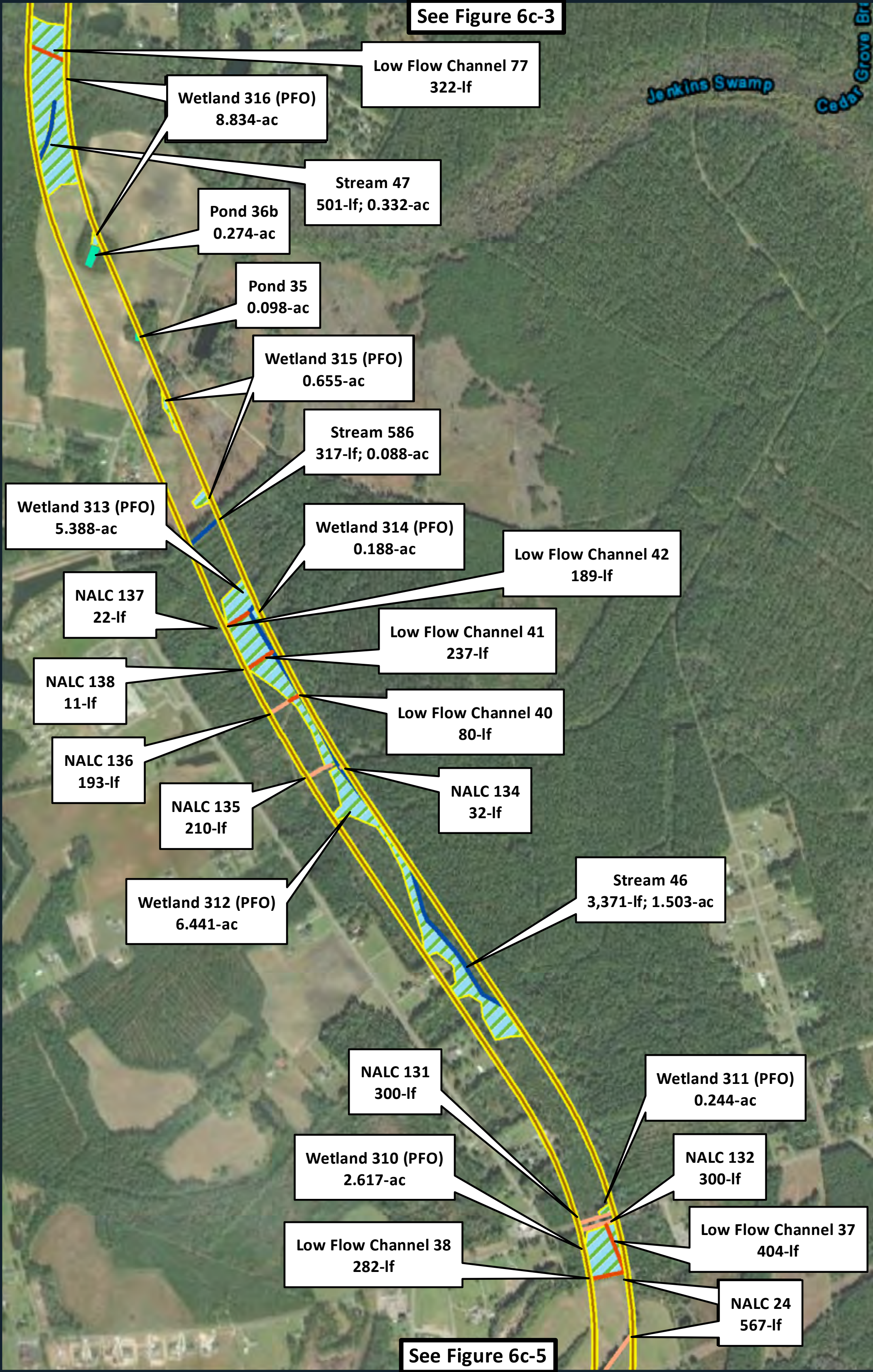
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6c-3
ALTERNATIVES 5 & 6
WATERS MAP

10/2022



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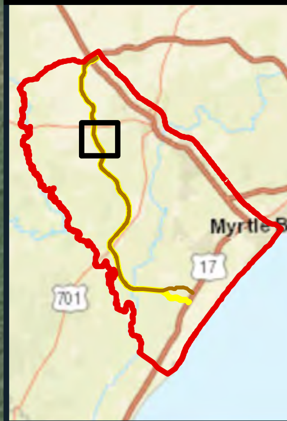


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6c-4
ALTERNATIVES 5 & 6
WATERS MAP

10/2022

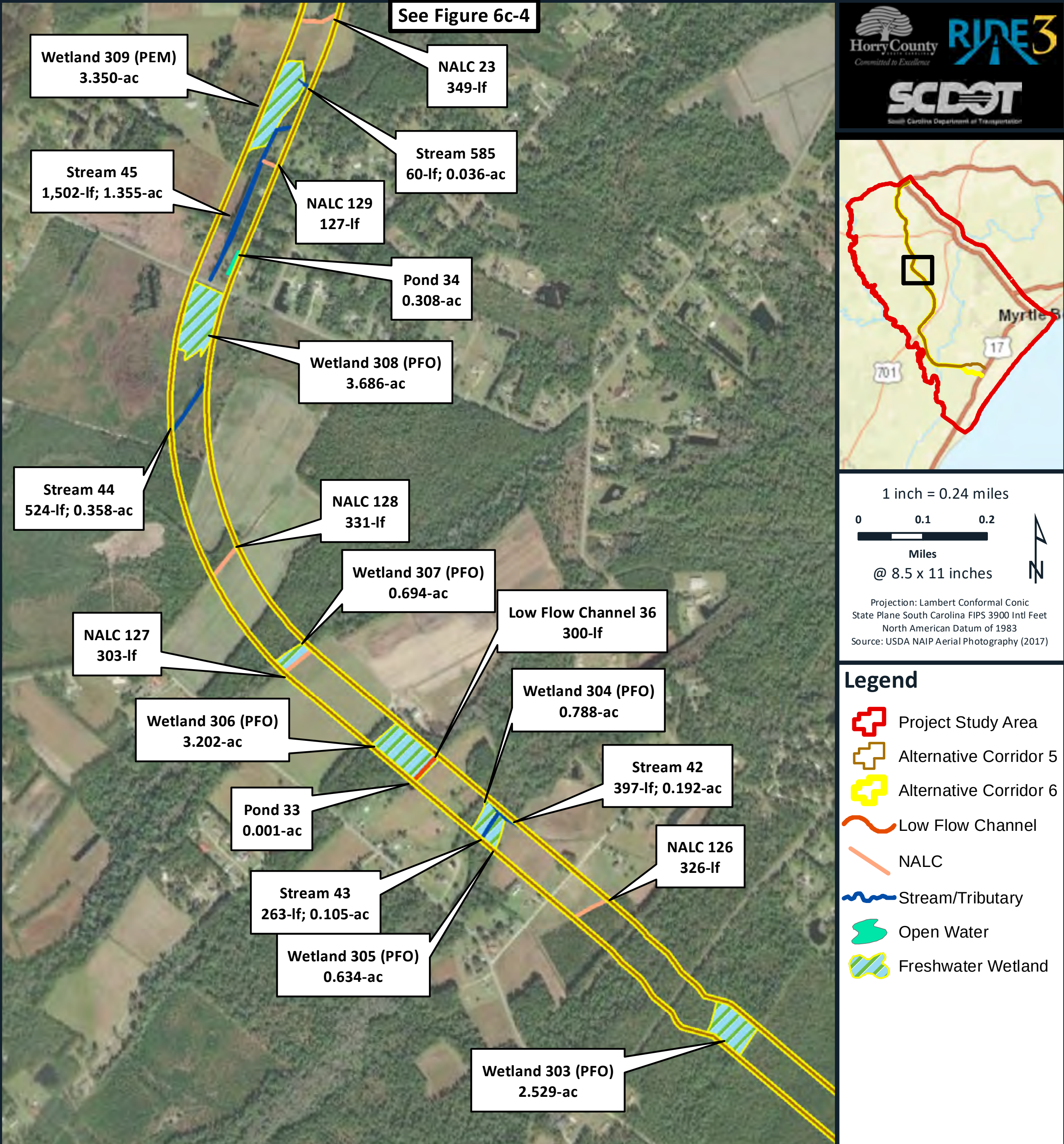


Figure 6c-5
ALTERNATIVES 5 & 6
WATERS MAP

10/2022

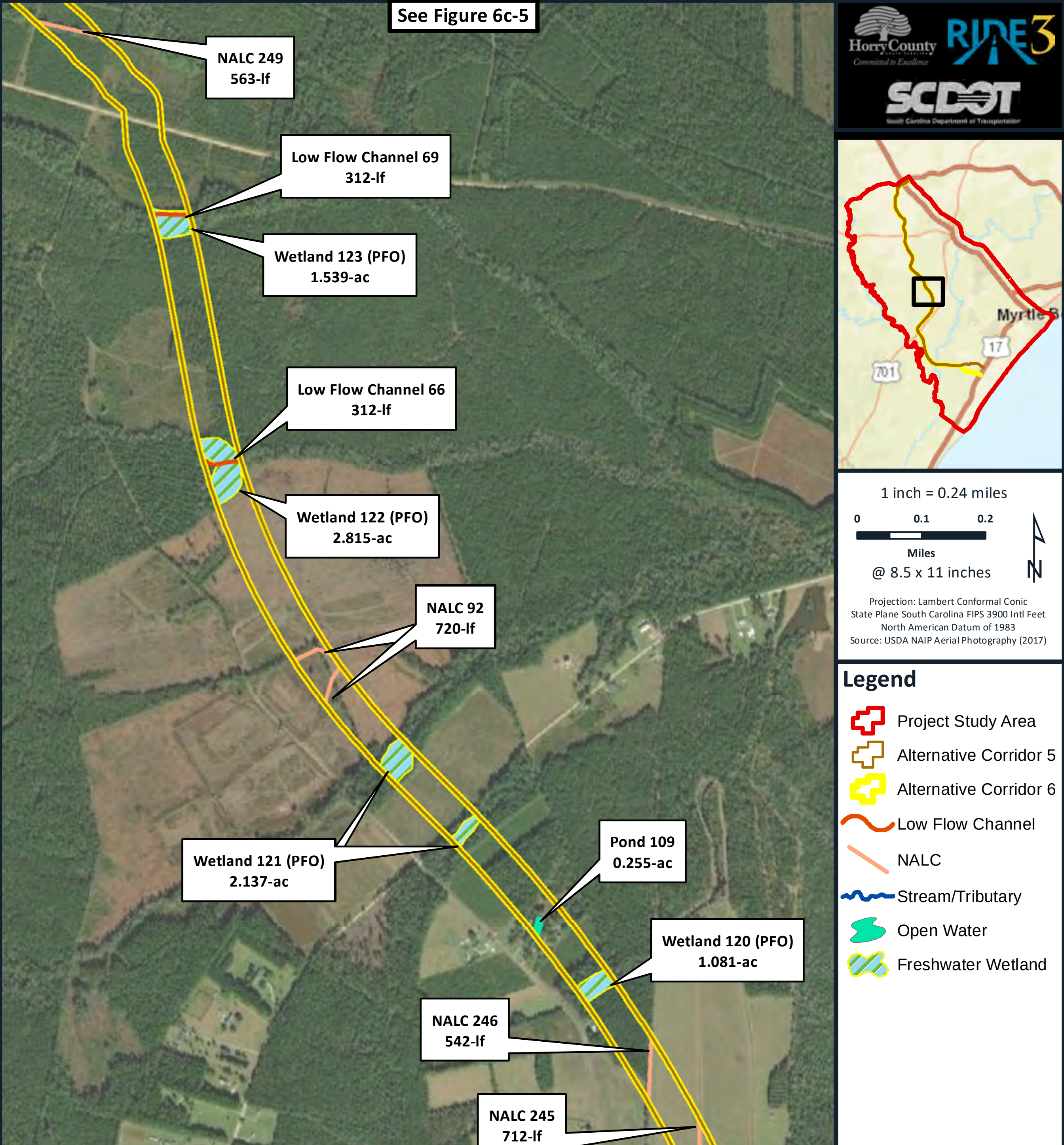


Figure 6c-6
ALTERNATIVES 5 & 6
WATERS MAP

10/2022

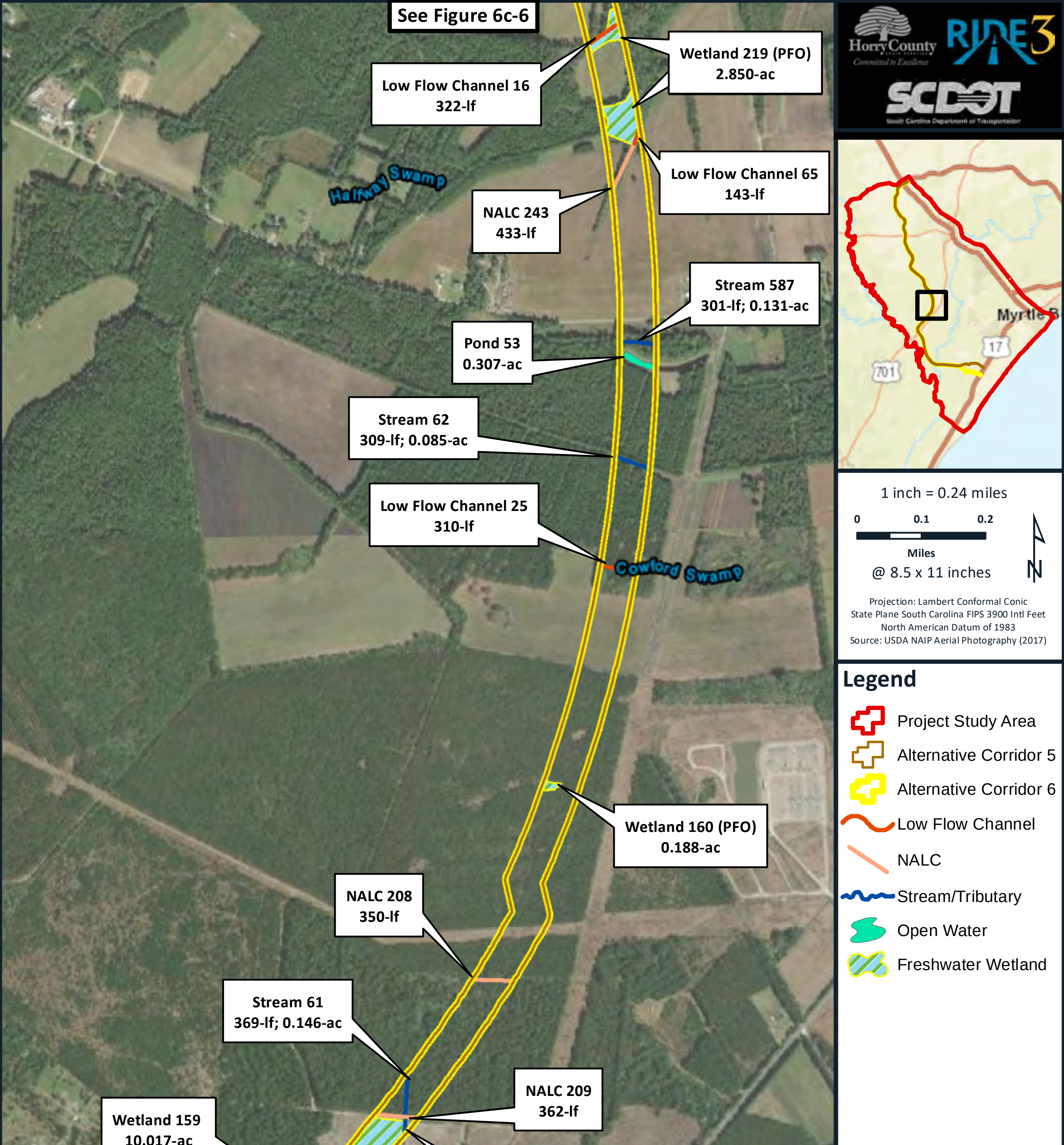
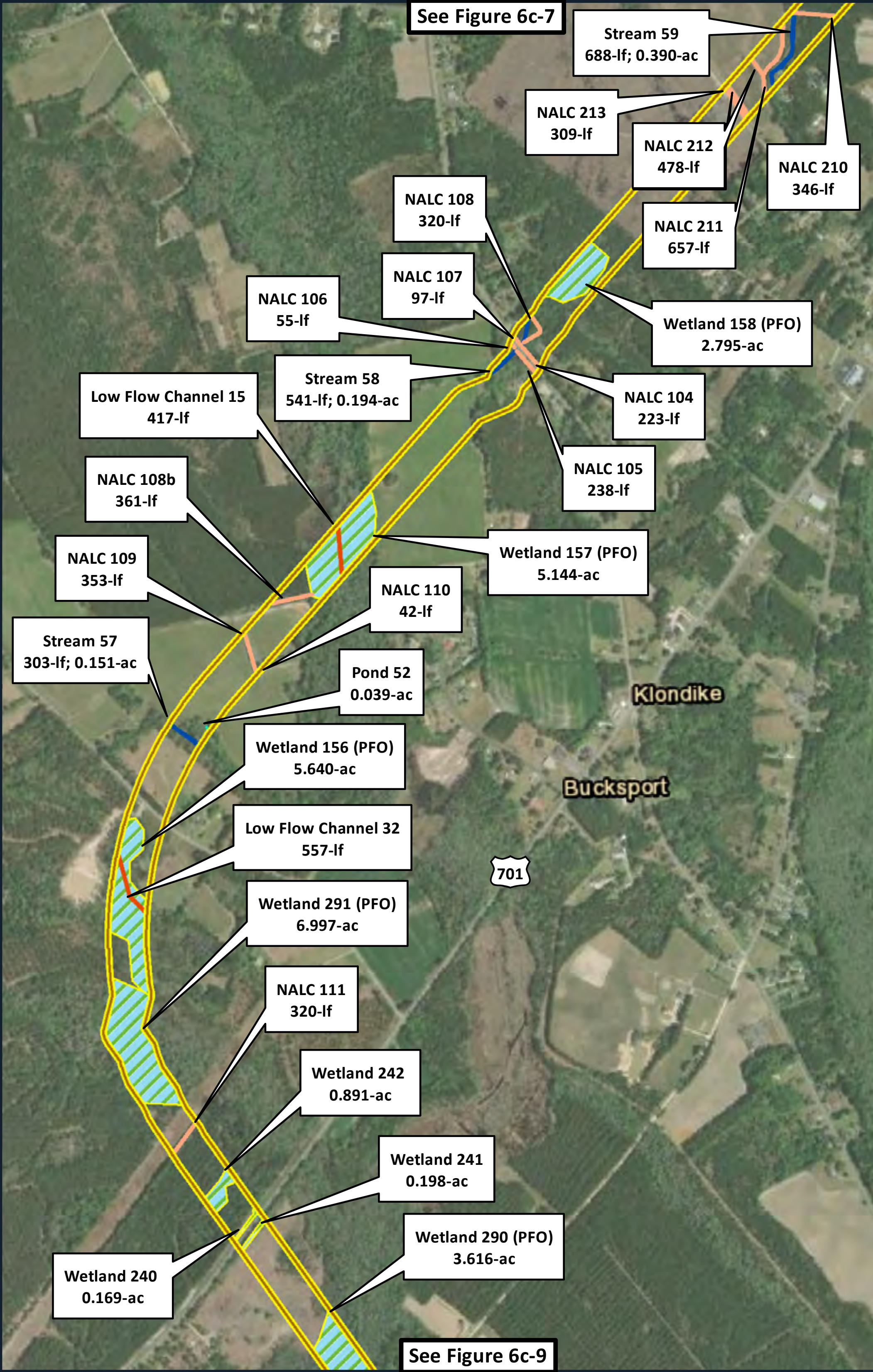


Figure 6c-7
ALTERNATIVES 5 & 6
WATERS MAP

10/2022



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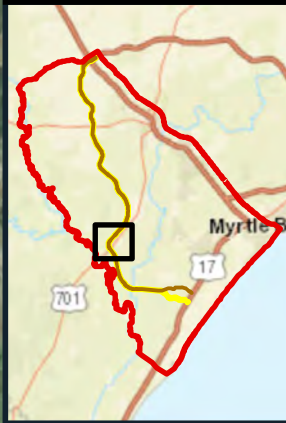


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

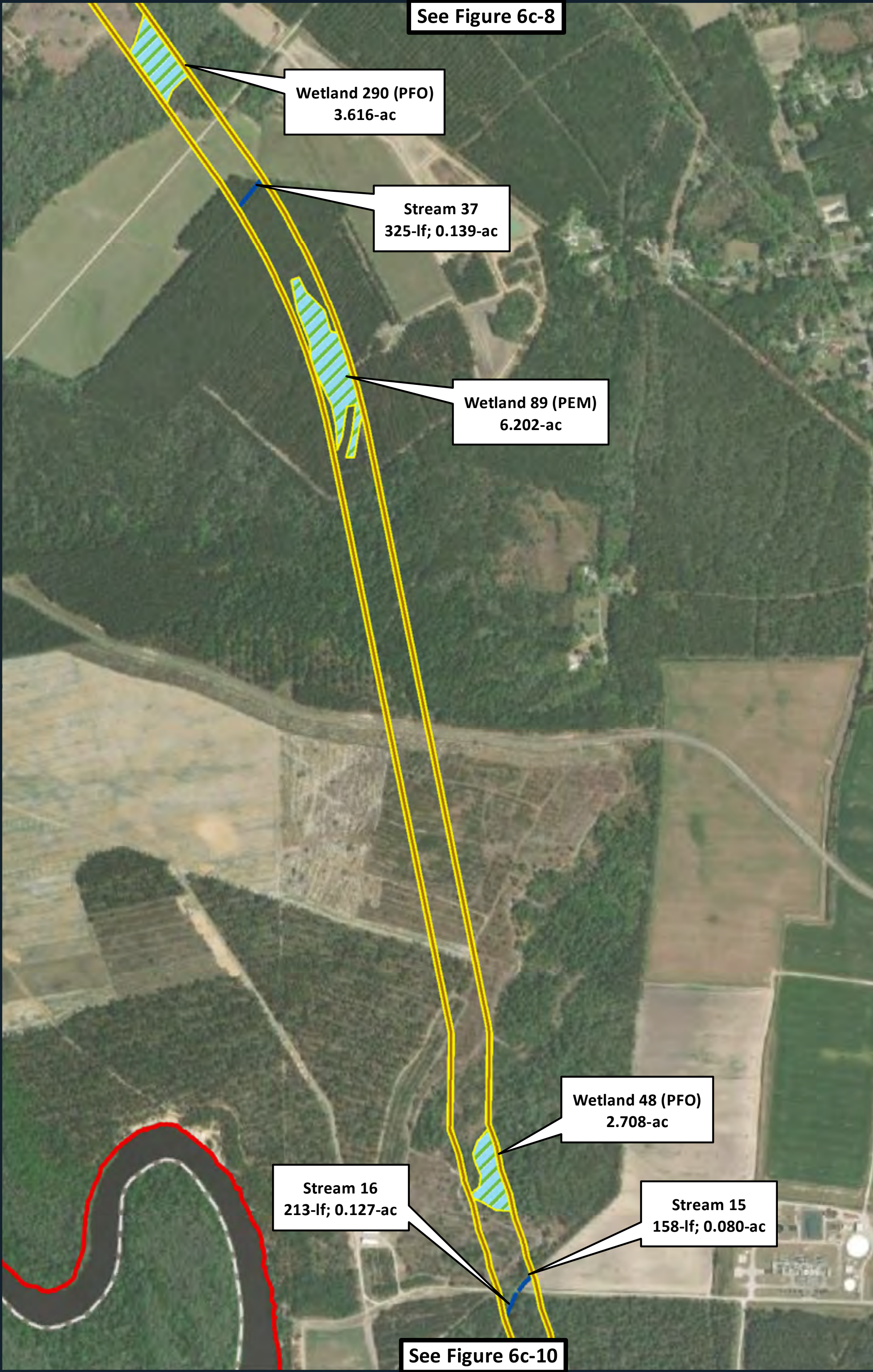
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

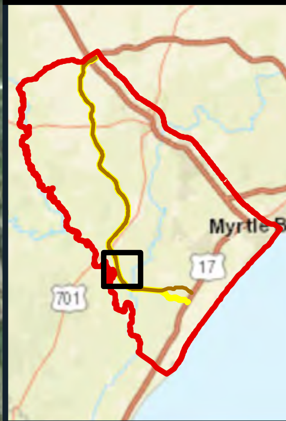
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6c-8
ALTERNATIVES 5 & 6 WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

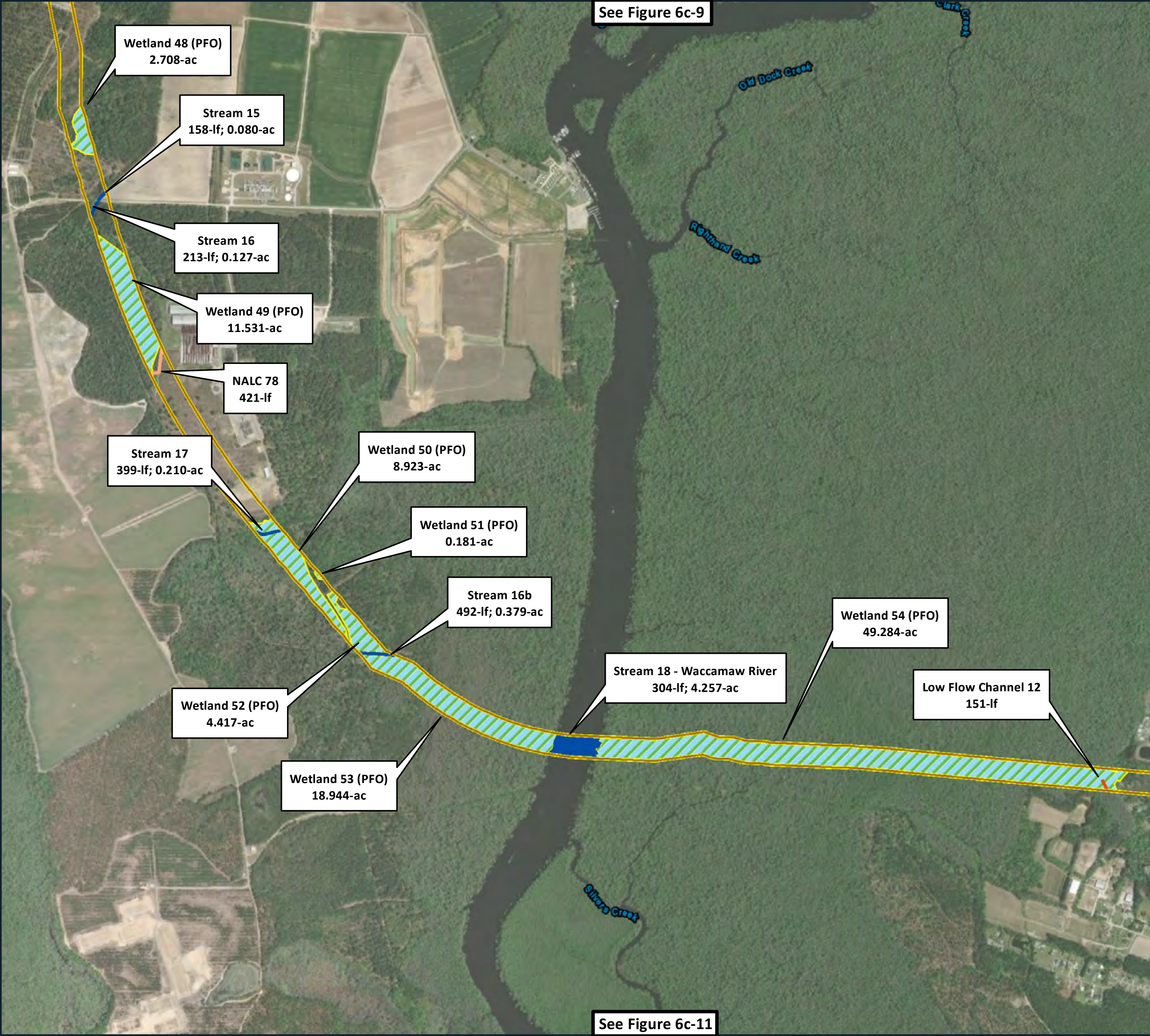
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

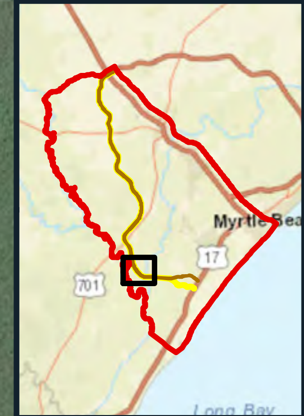
Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6c-9
ALTERNATIVES 5 & 6
WATERS MAP

10/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

N

Legend

- Project Study Area
- Alternative Corridor 5
- Alternative Corridor 6
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6c-10
ALTERNATIVES 5 & 6
WATERS MAP

10/2022

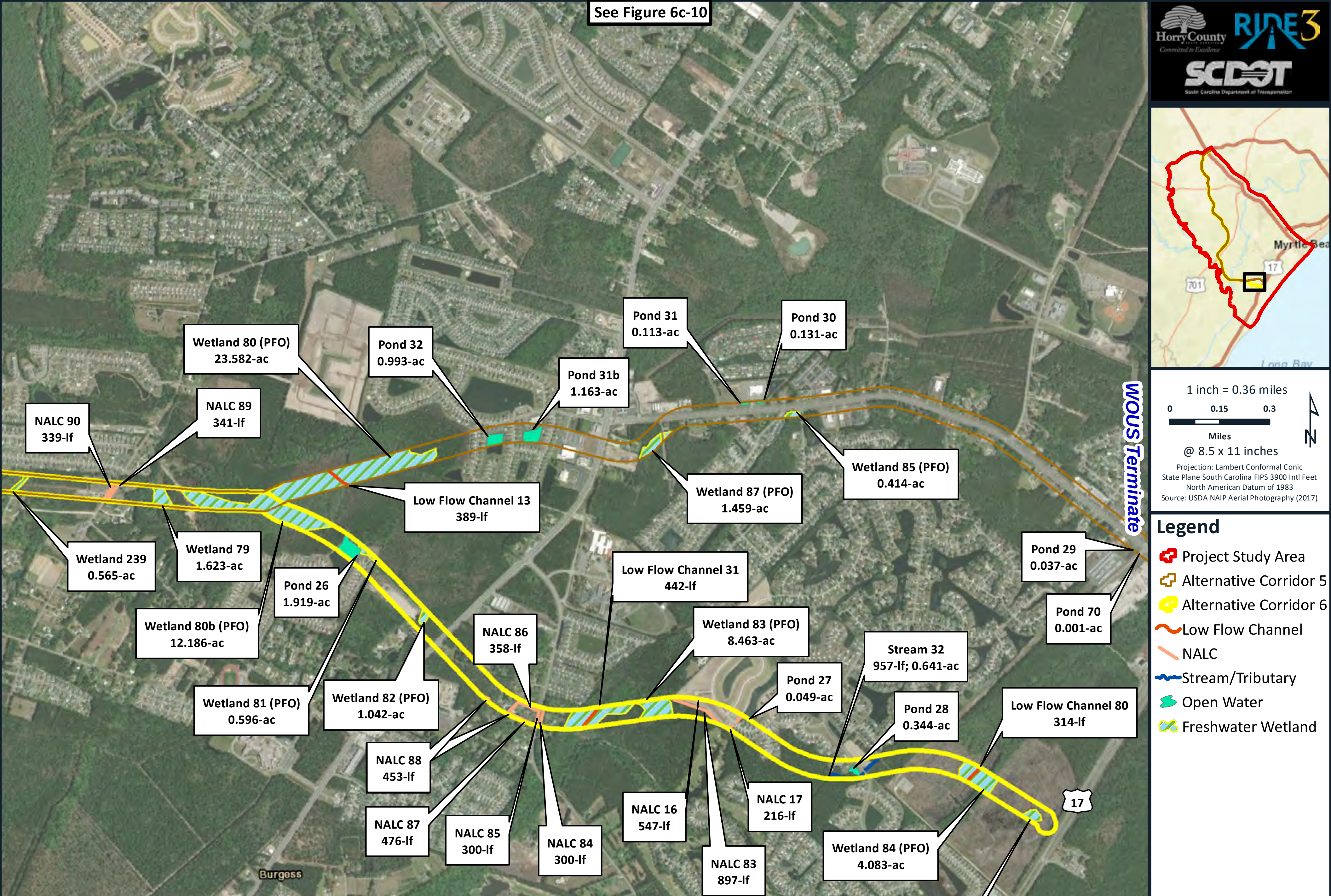
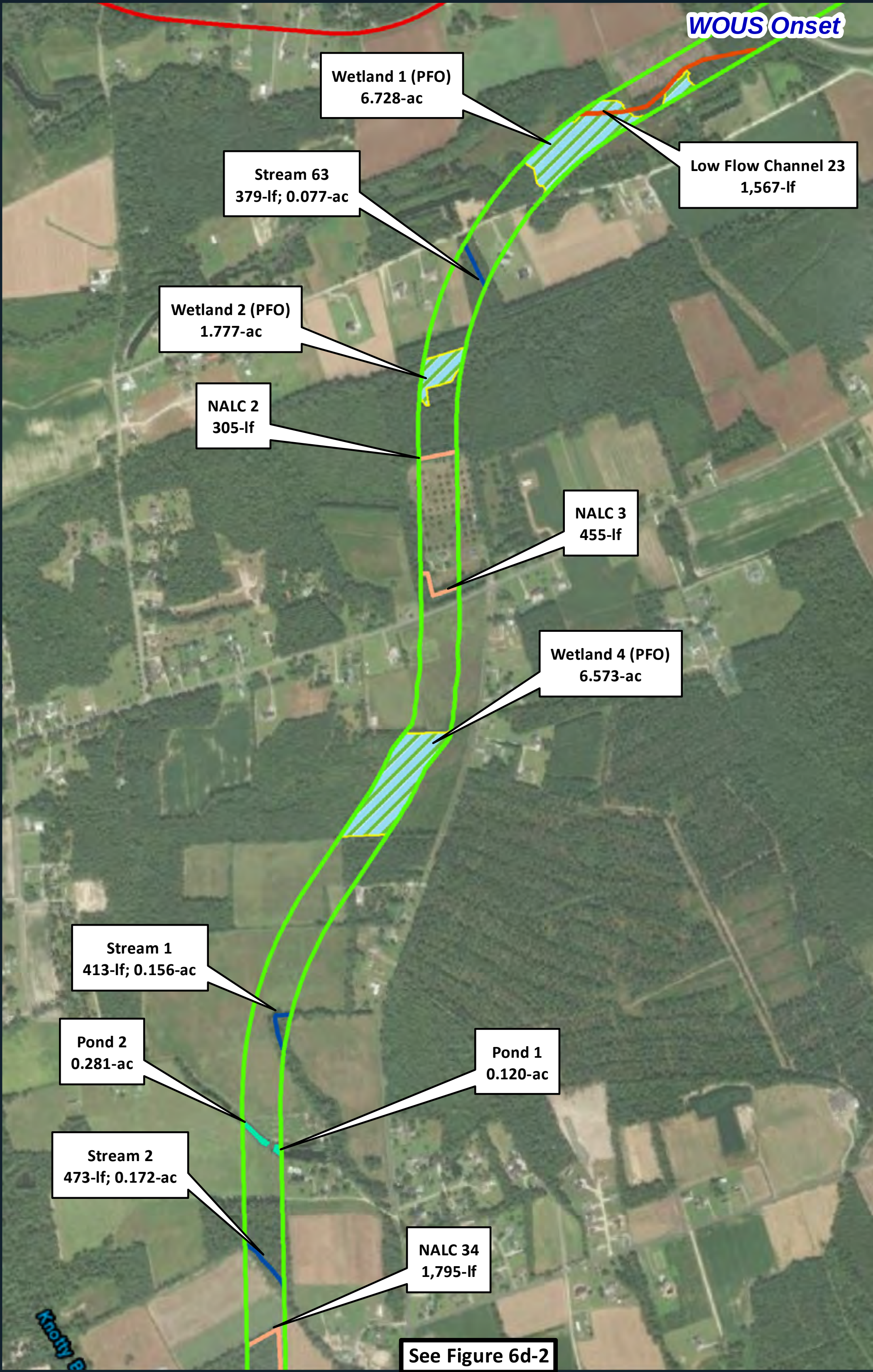


Figure 6c-11
ALTERNATIVES 5 & 6 WATERS MAP

10/2022



See Figure 6d-2

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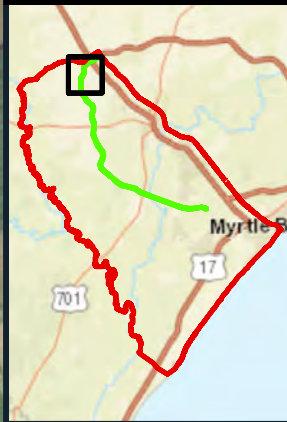


1 inch = 0.24 miles

0 0.1 0.2
Miles
@ 8.5 x 11 inches

N

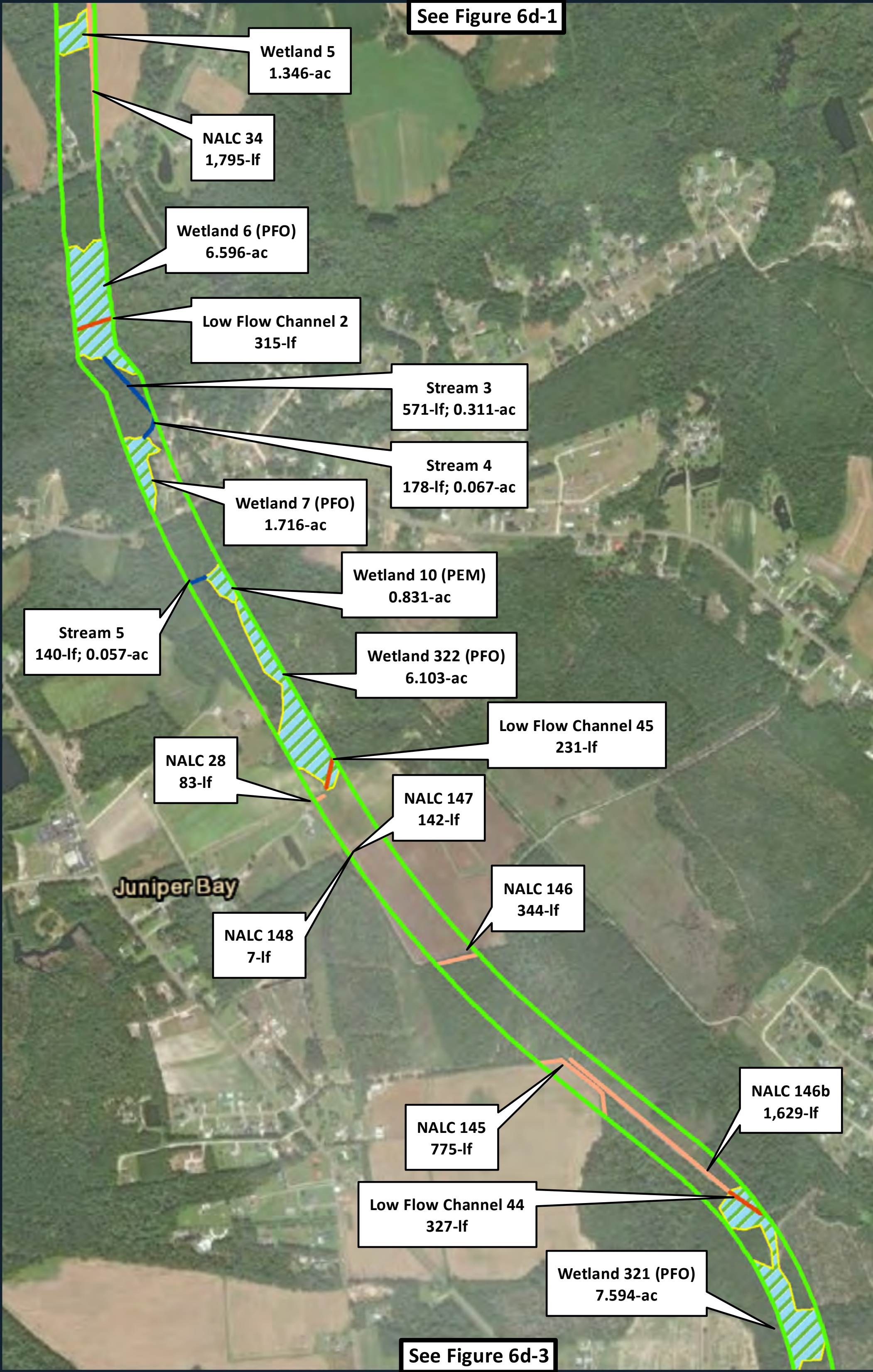
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

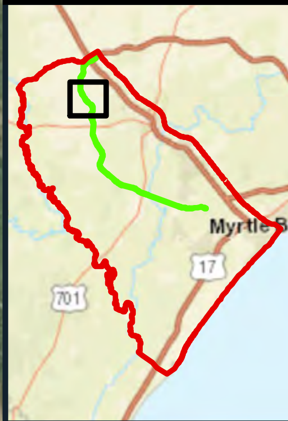
Legend

- Project Study Area
- Alternative Corridor 7
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6d-1
ALTERNATIVE 7
WATERS MAP

10/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 7
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

**Figure 6d-2
ALTERNATIVE 7
WATERS MAP**

10/2022

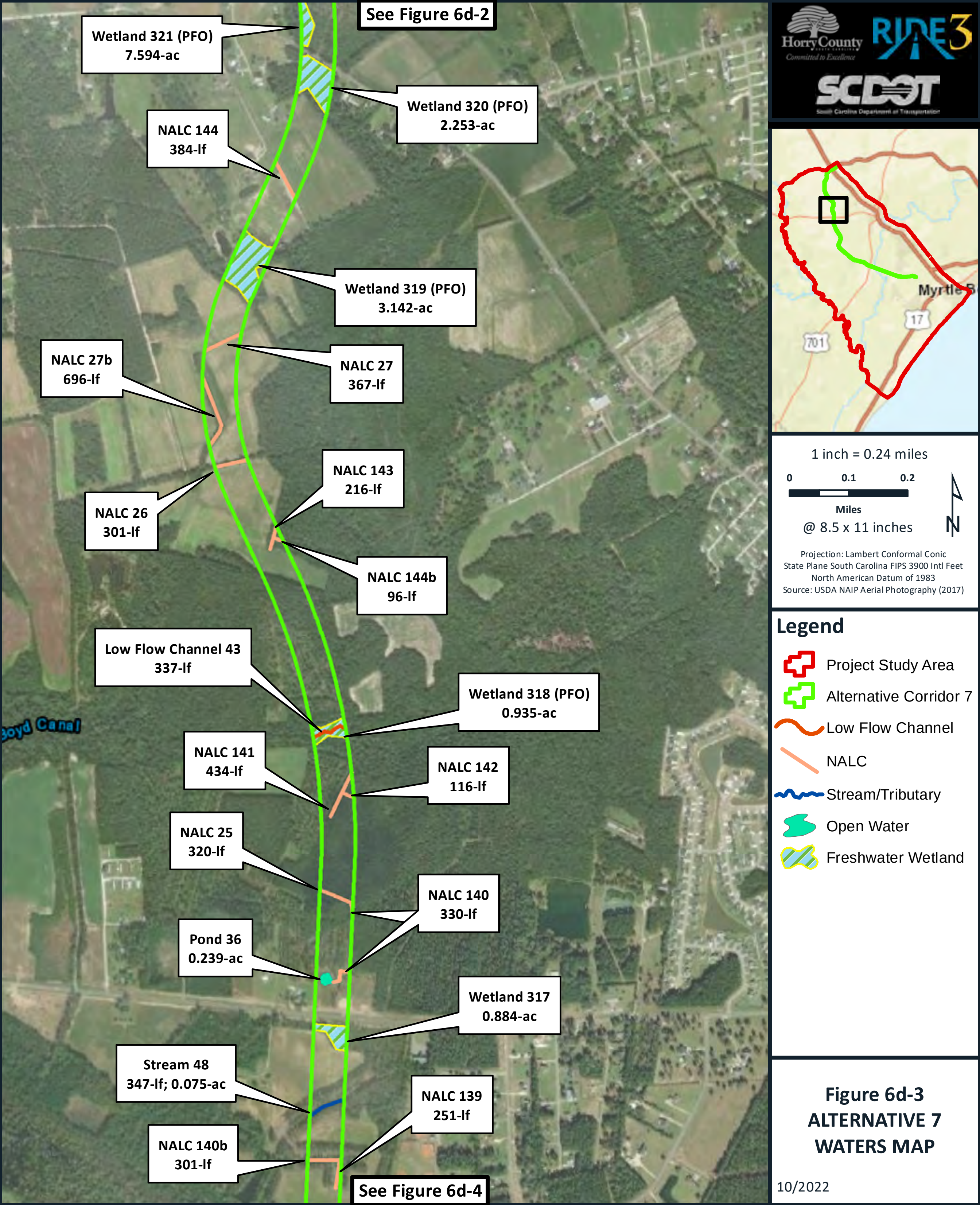


Figure 6d-3
ALTERNATIVE 7
WATERS MAP

10/2022

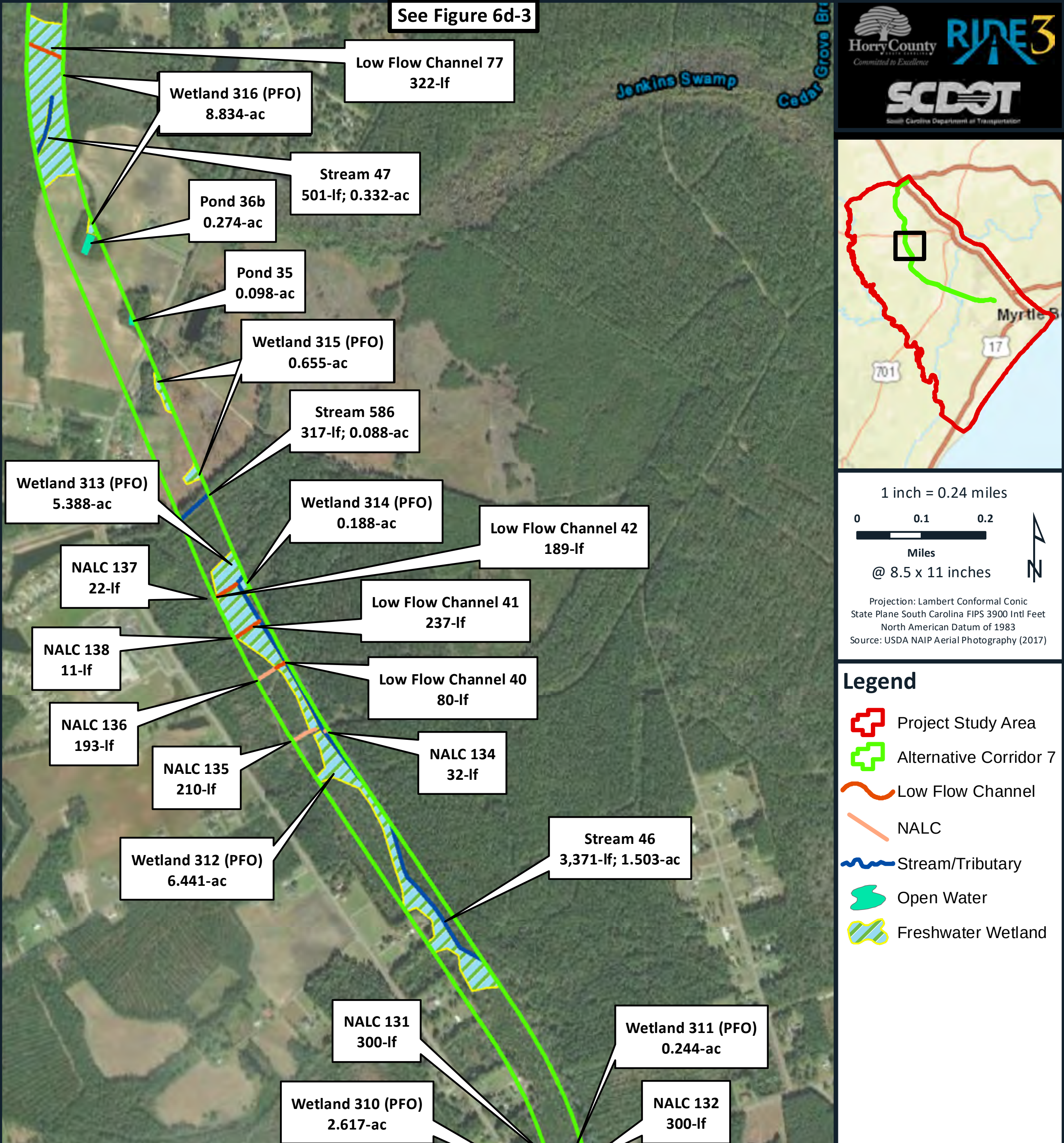


Figure 6d-4
ALTERNATIVE 7
WATERS MAP

10/2022

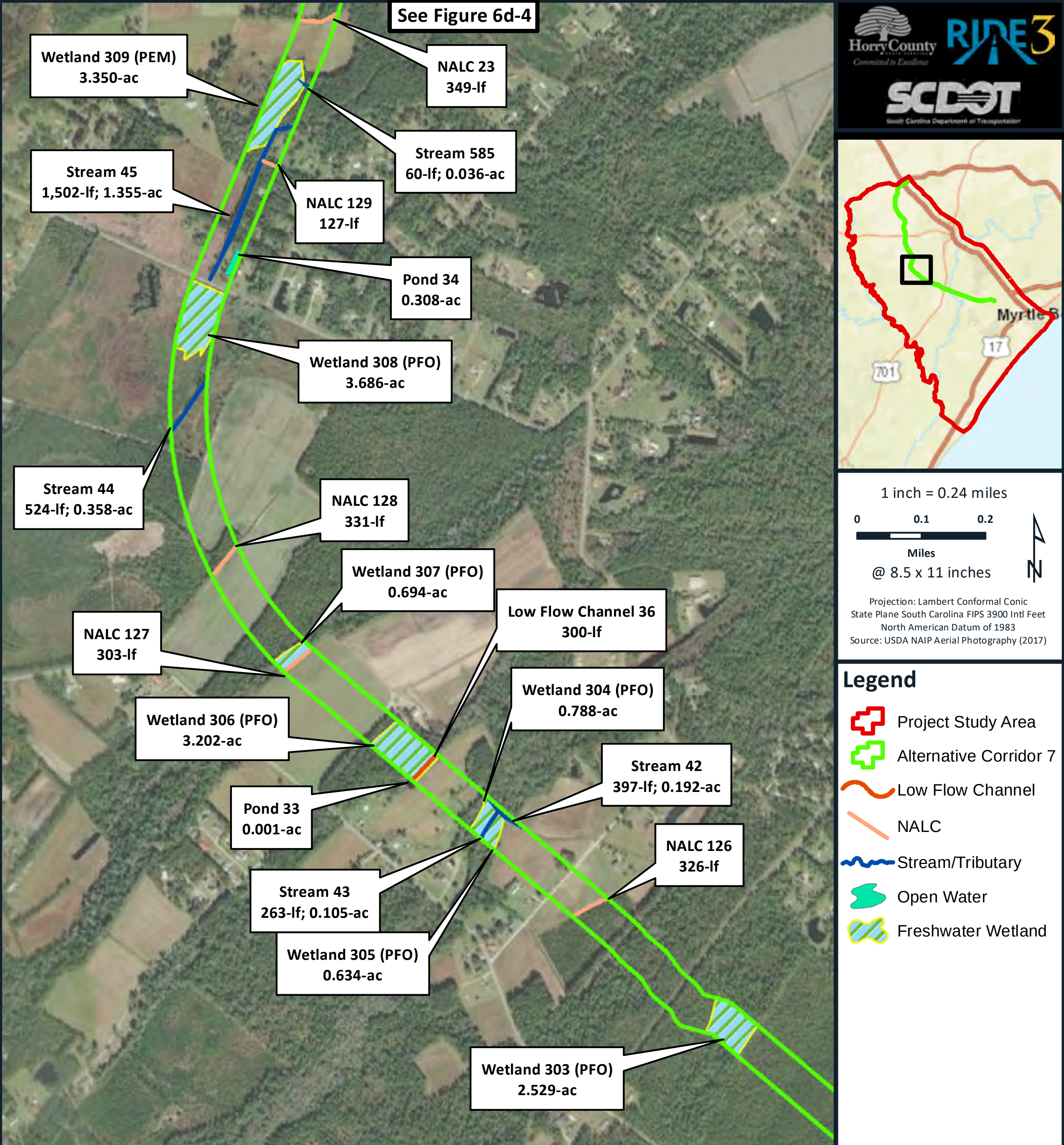


Figure 6d-5
ALTERNATIVE 7
WATERS MAP

10/2022

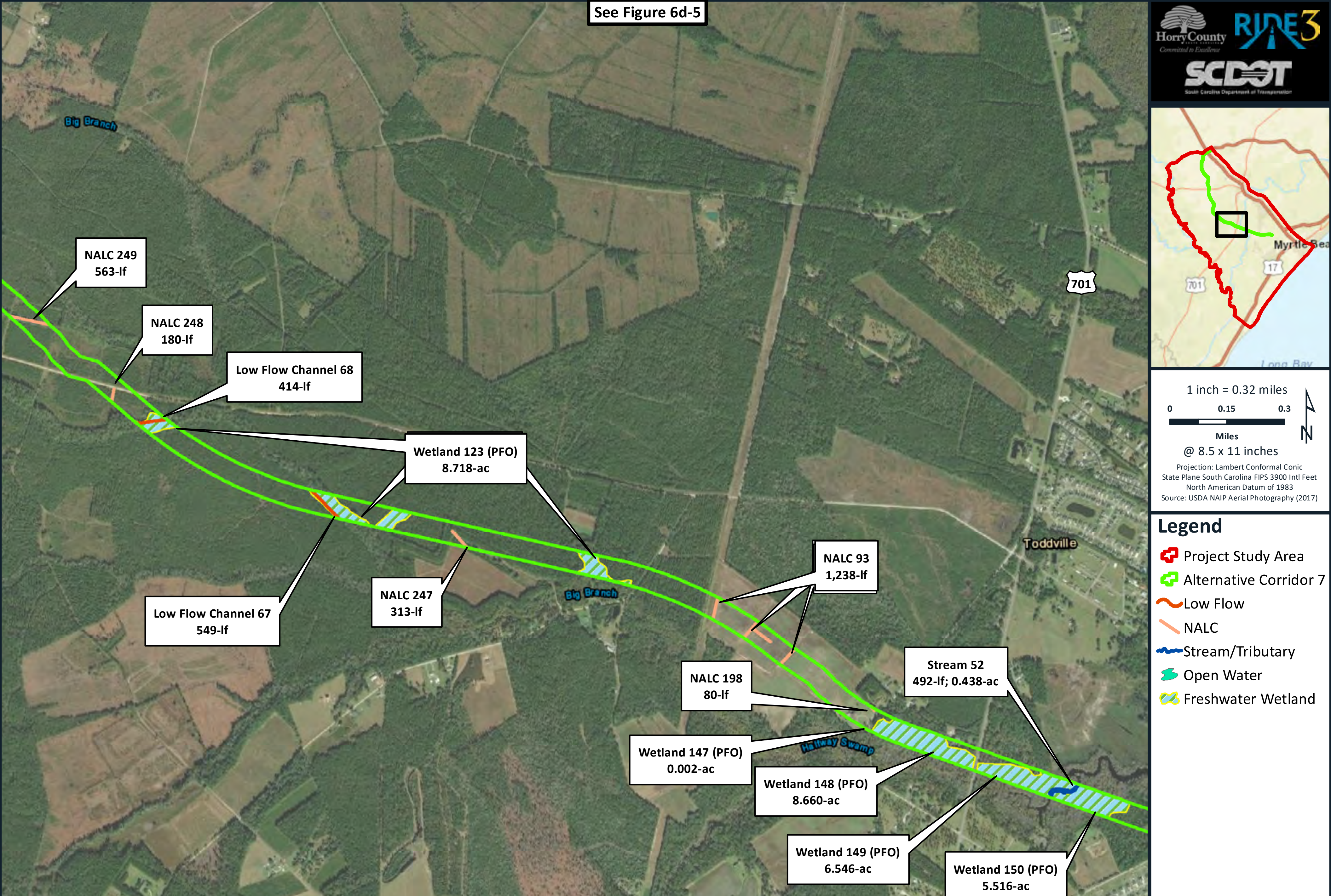
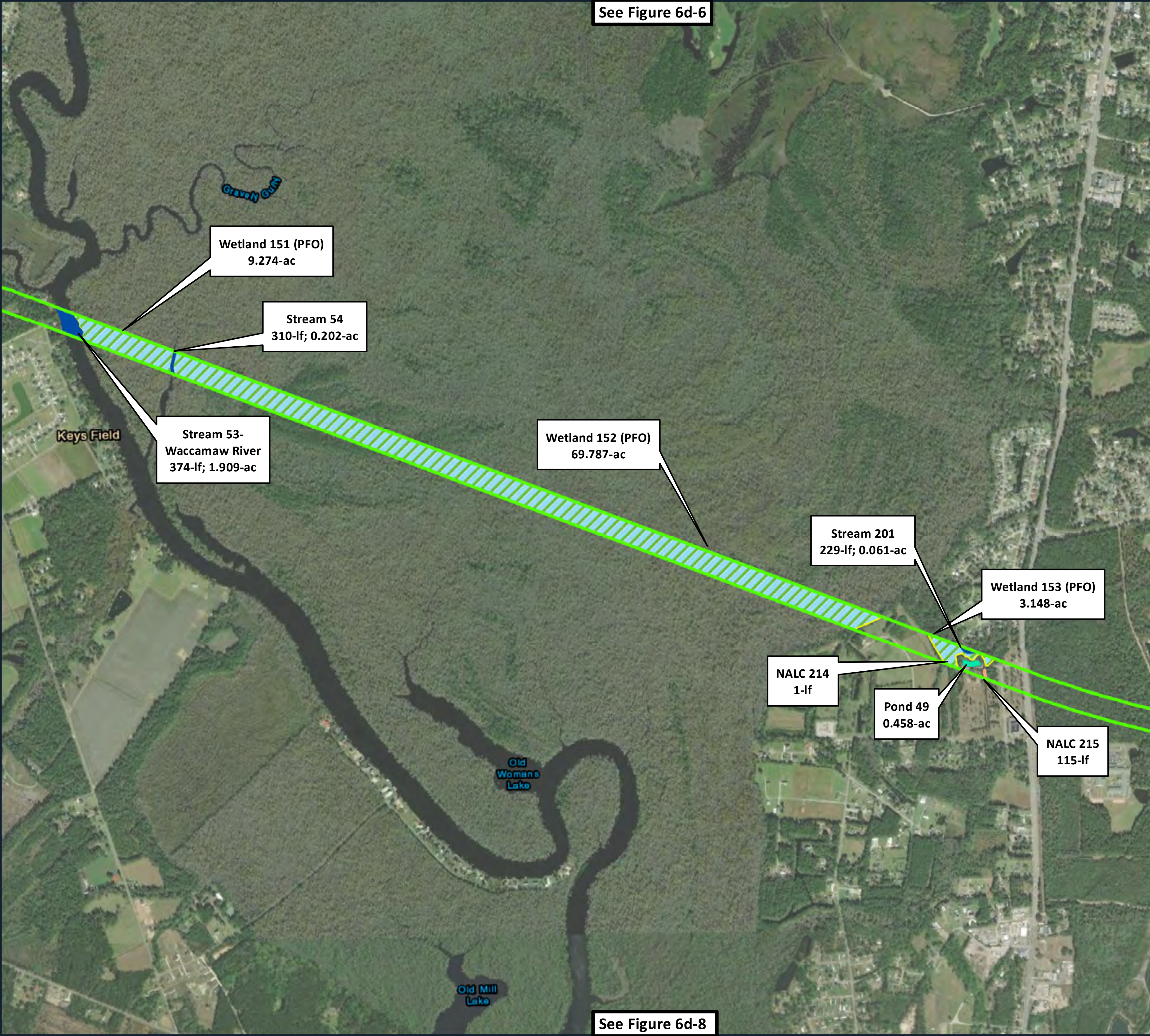


Figure 6d-6
ALTERNATIVE 7
WATERS MAP

10/2022



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 7
- Low Flow
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6d-7
ALTERNATIVE 7
WATERS MAP

10/2022

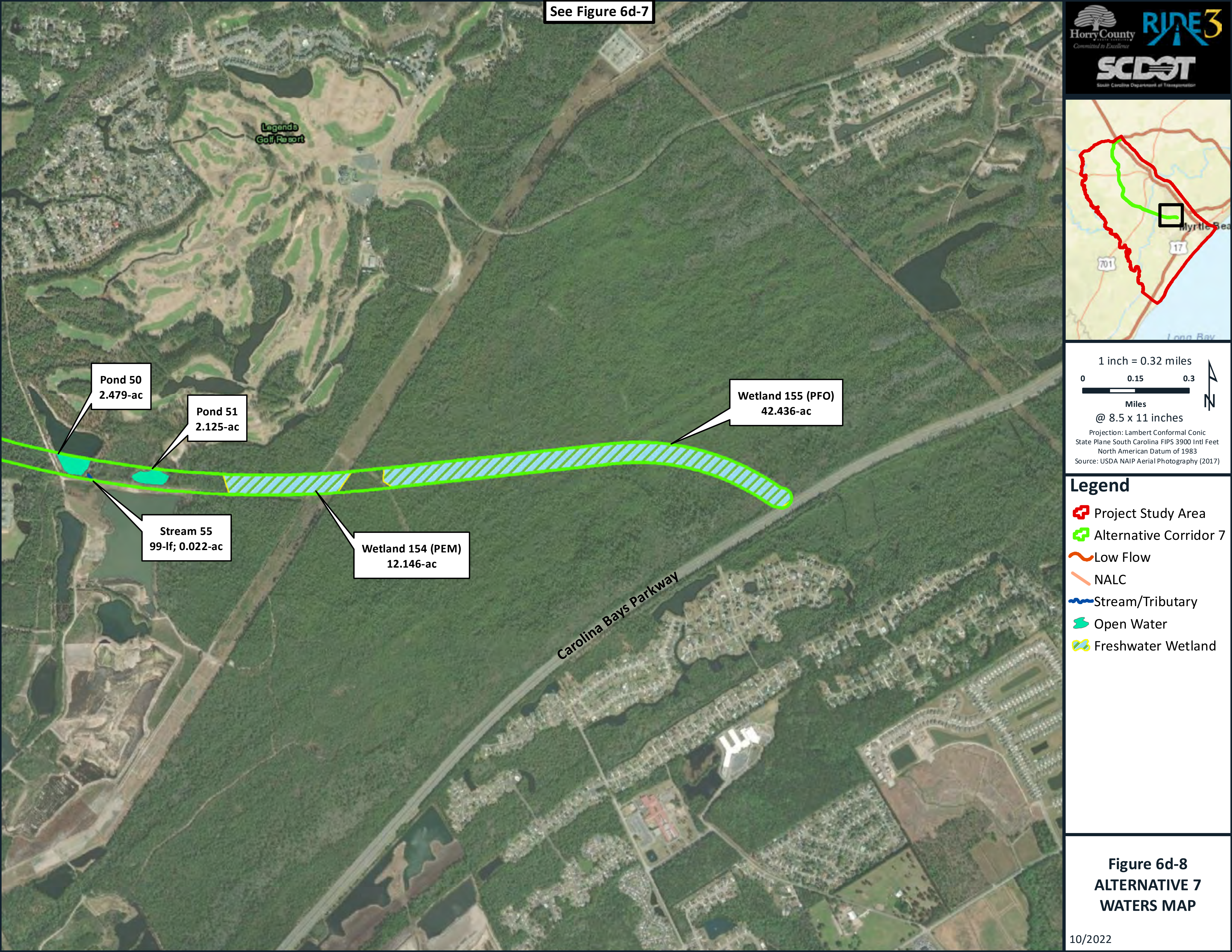
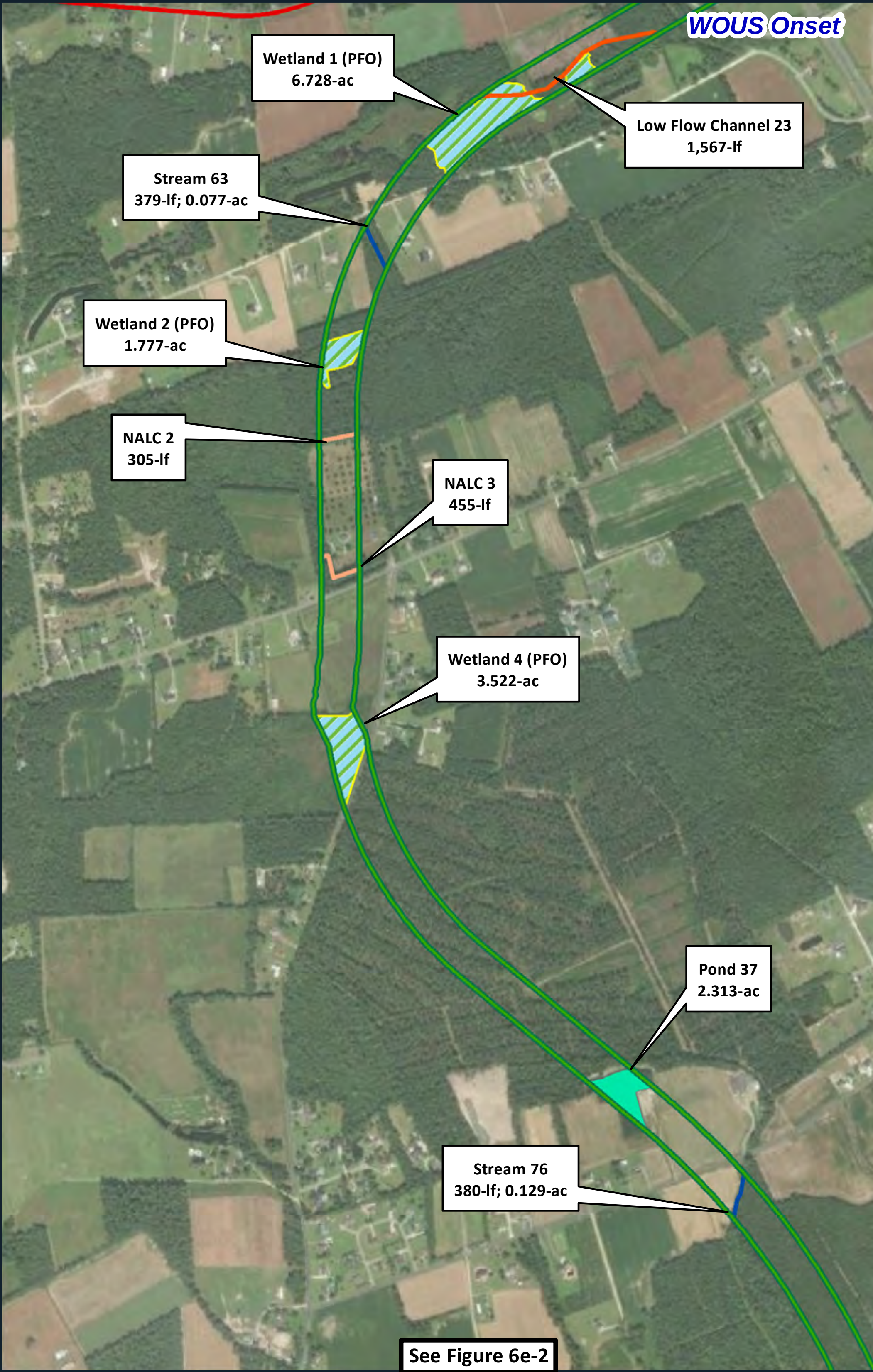


Figure 6d-8
ALTERNATIVE 7
WATERS MAP

10/2022



See Figure 6e-2

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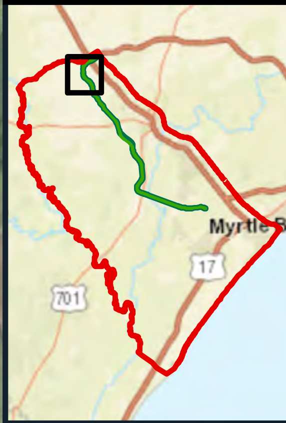


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

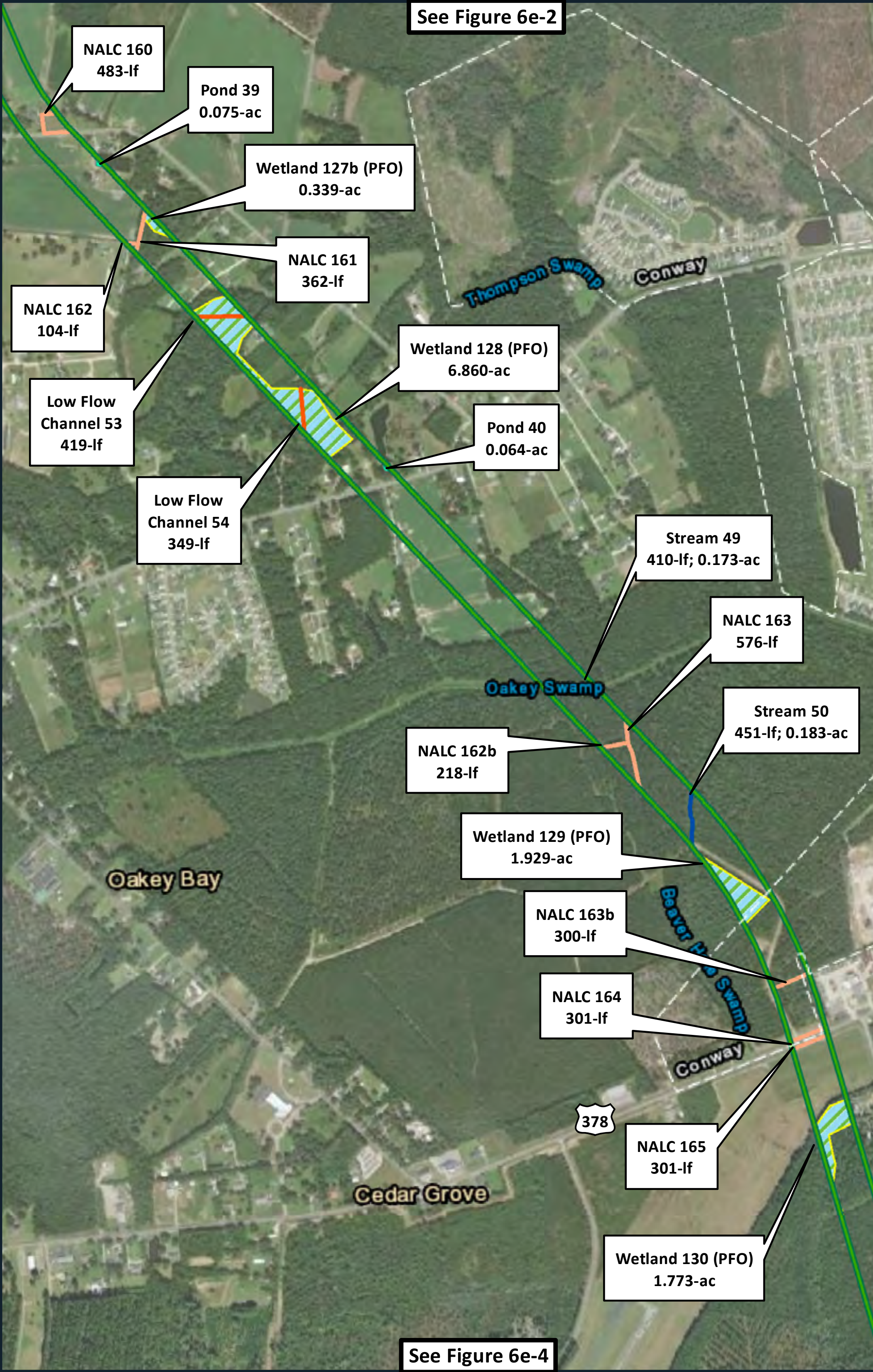
- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6e-1
ALTERNATIVES 8 & 9
WATERS MAP

10/2022

Figure 6e-2
ALTERNATIVES 8 & 9
WATERS MAP

11/2022



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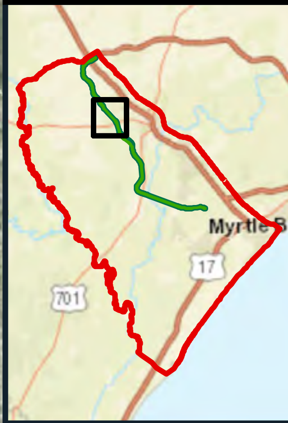


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6e-3
ALTERNATIVES 8 & 9 WATERS MAP

11/2022

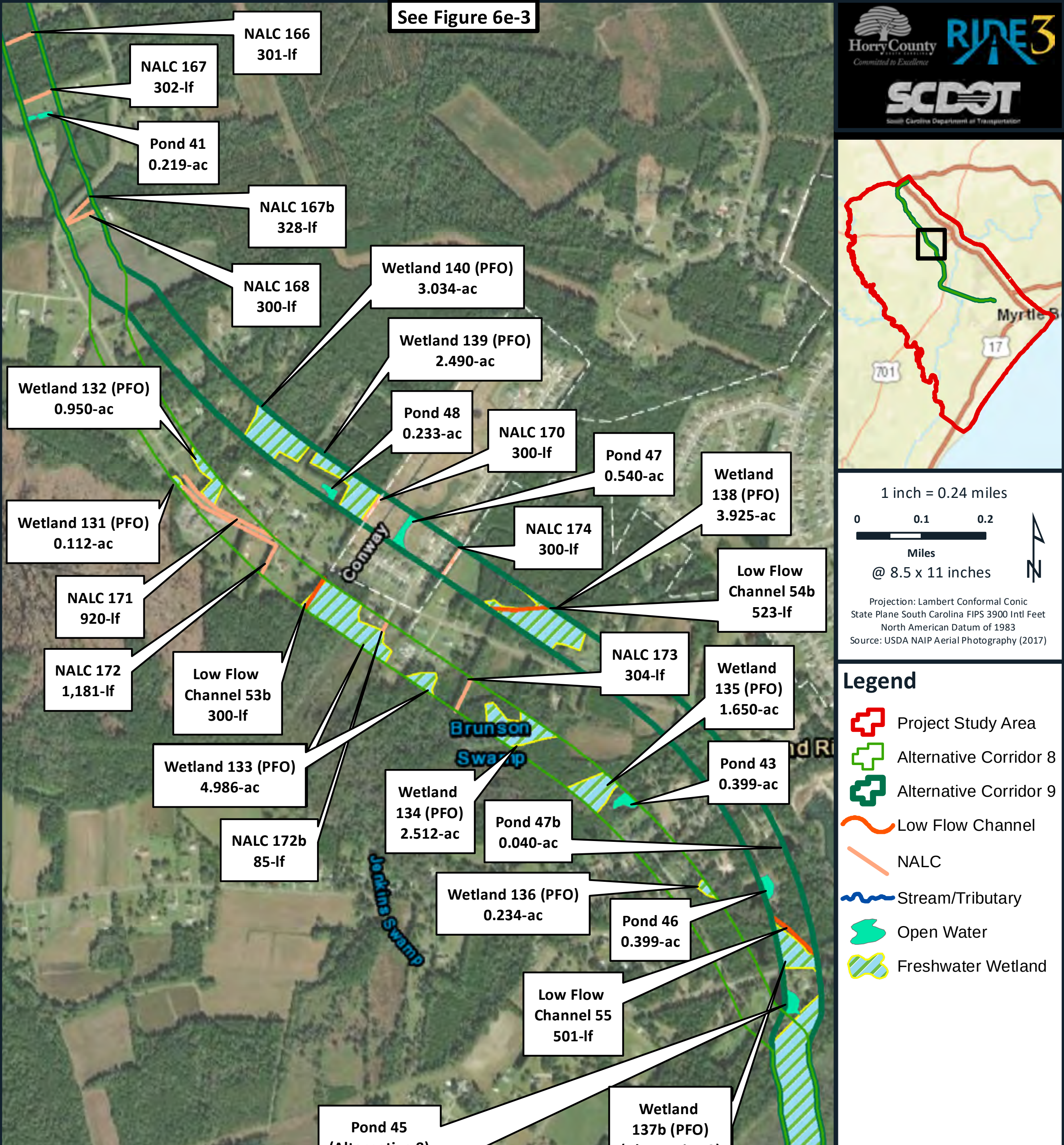
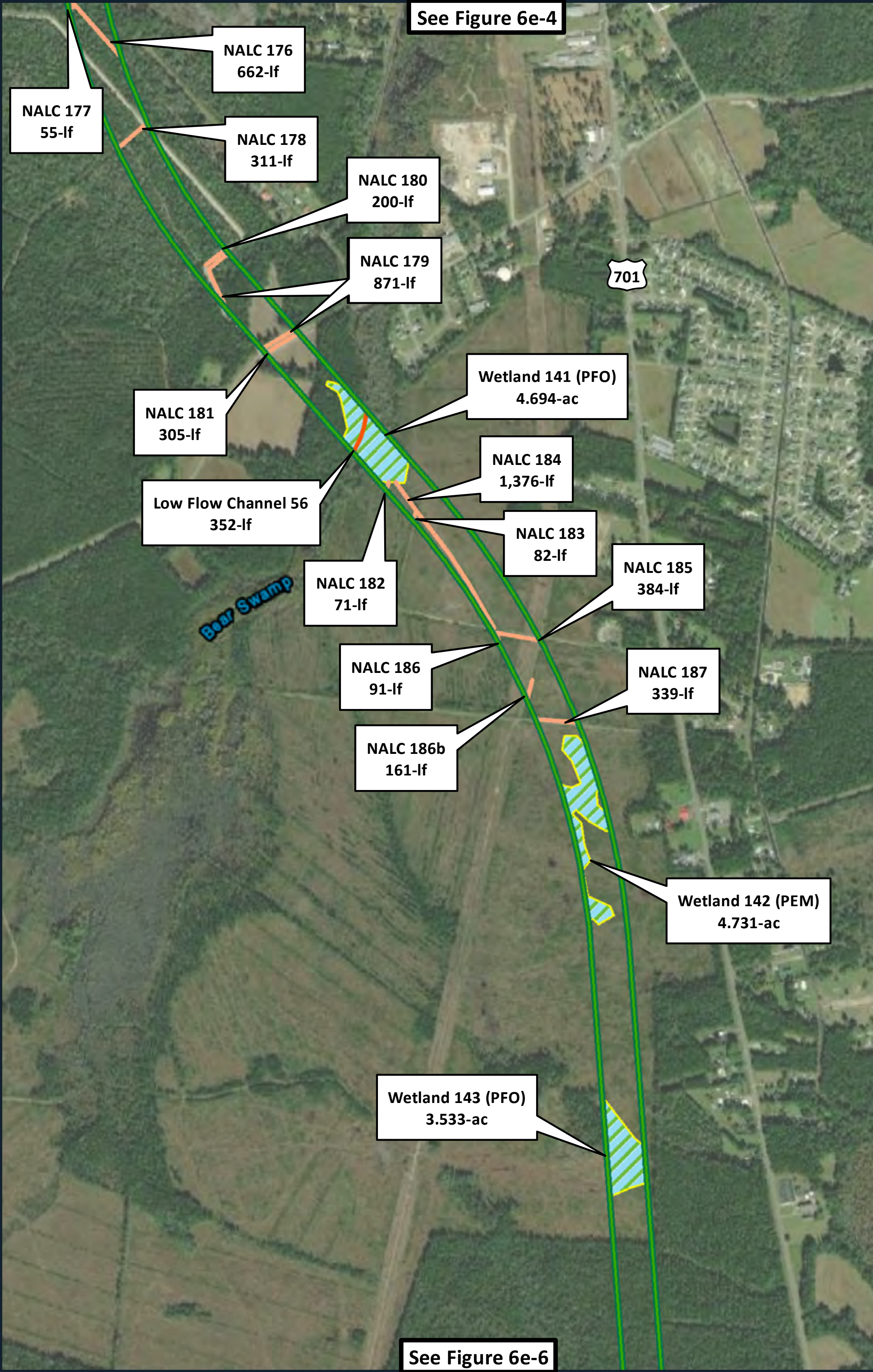


Figure 6e-4
ALTERNATIVES 8 & 9 WATERS MAP

11/2022



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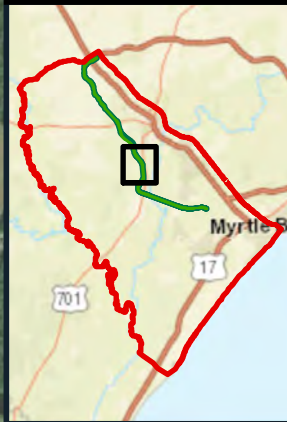


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

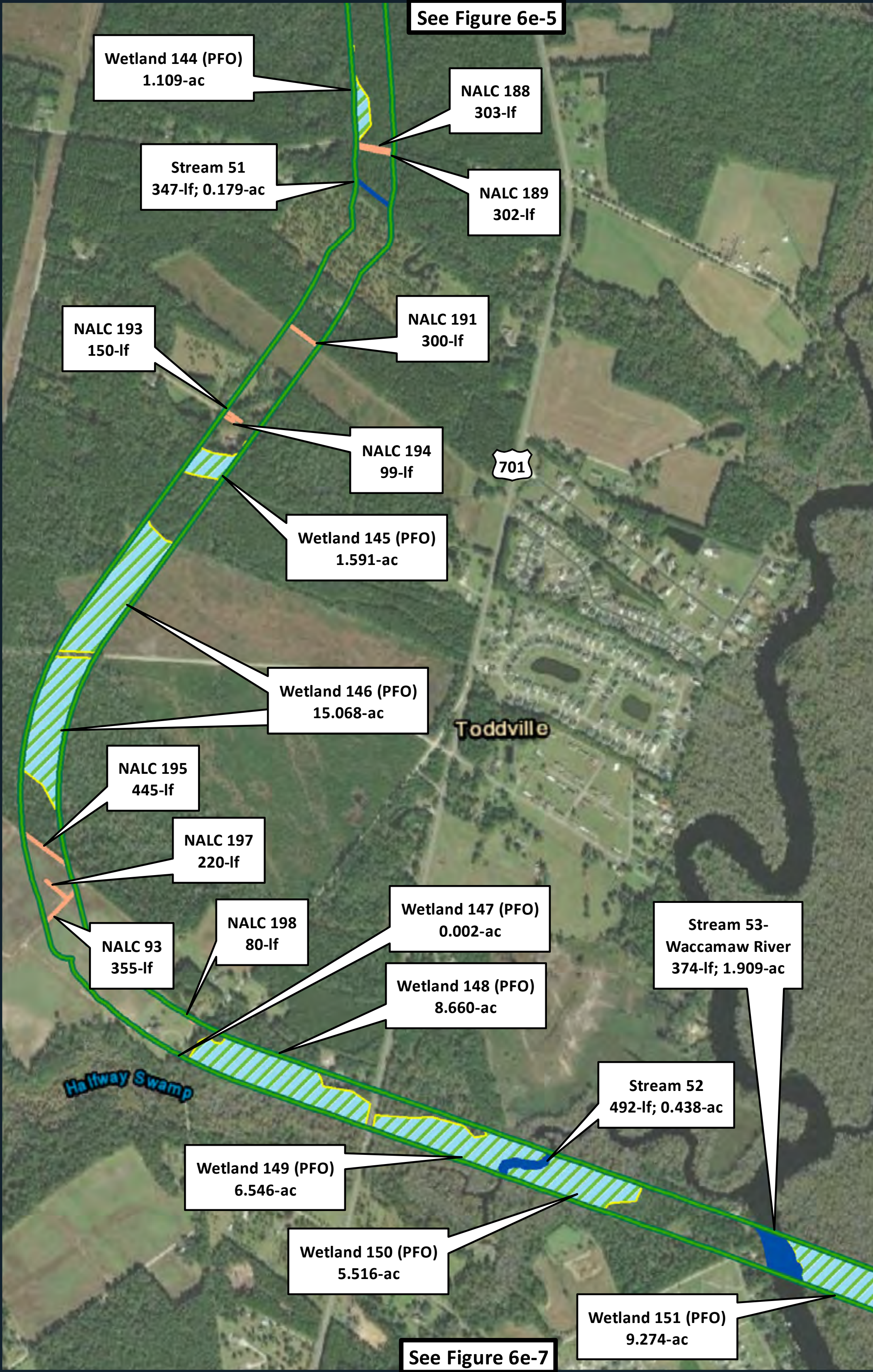
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6e-5
ALTERNATIVES 8 & 9
WATERS MAP

11/2022



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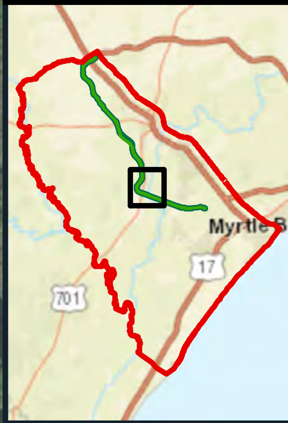


1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

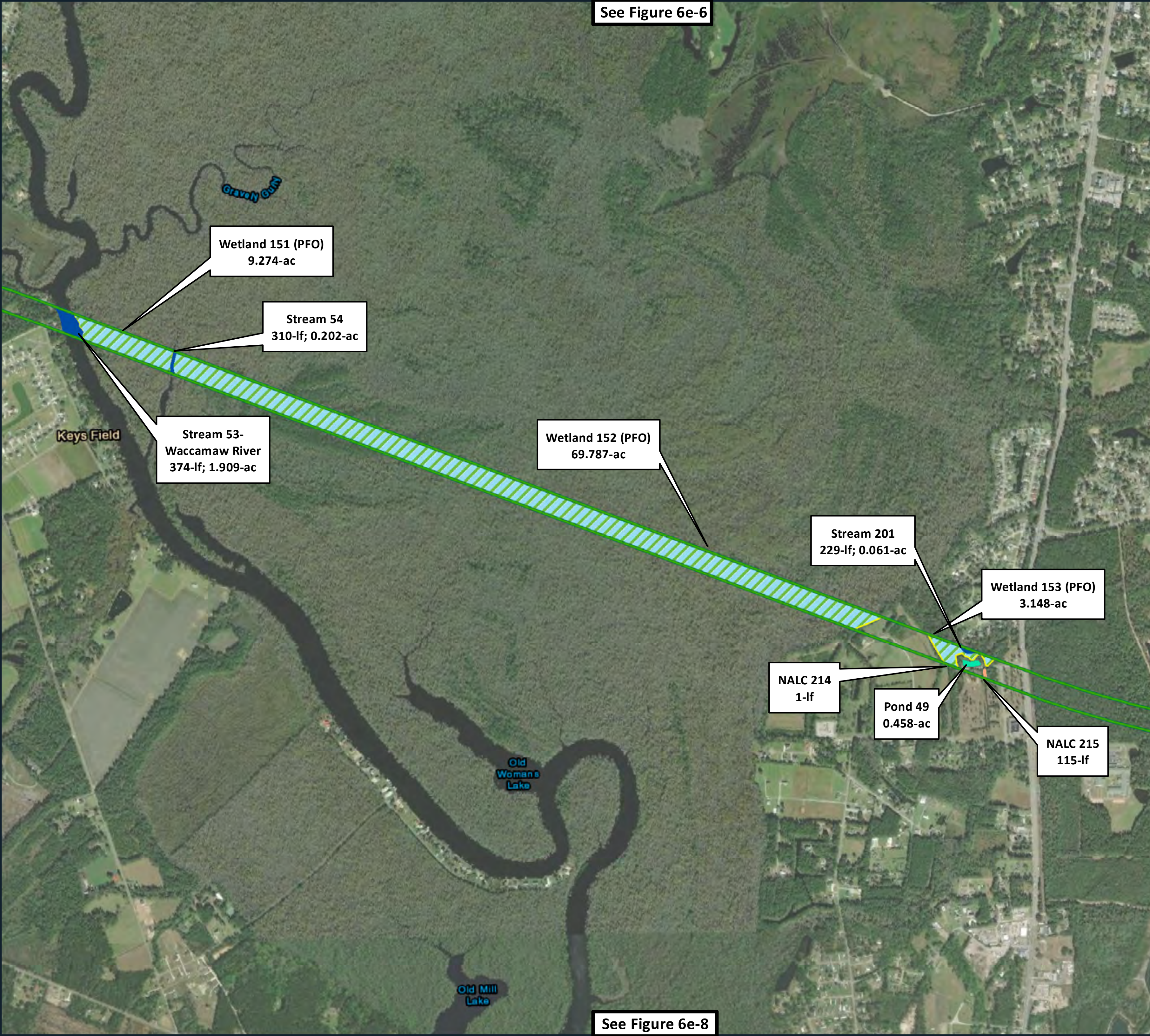
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6e-6
ALTERNATIVES 8 & 9 WATERS MAP

11/2022



Horry County
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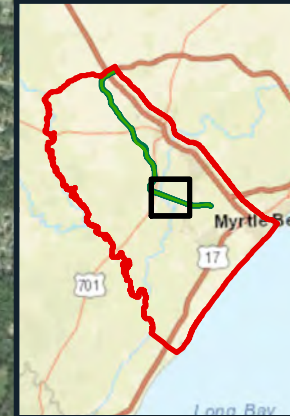
SCDOT
South Carolina Department of Transportation



1 inch = 0.32 miles

0 0.15 0.3

Miles

N

@ 8.5 x 11 inches

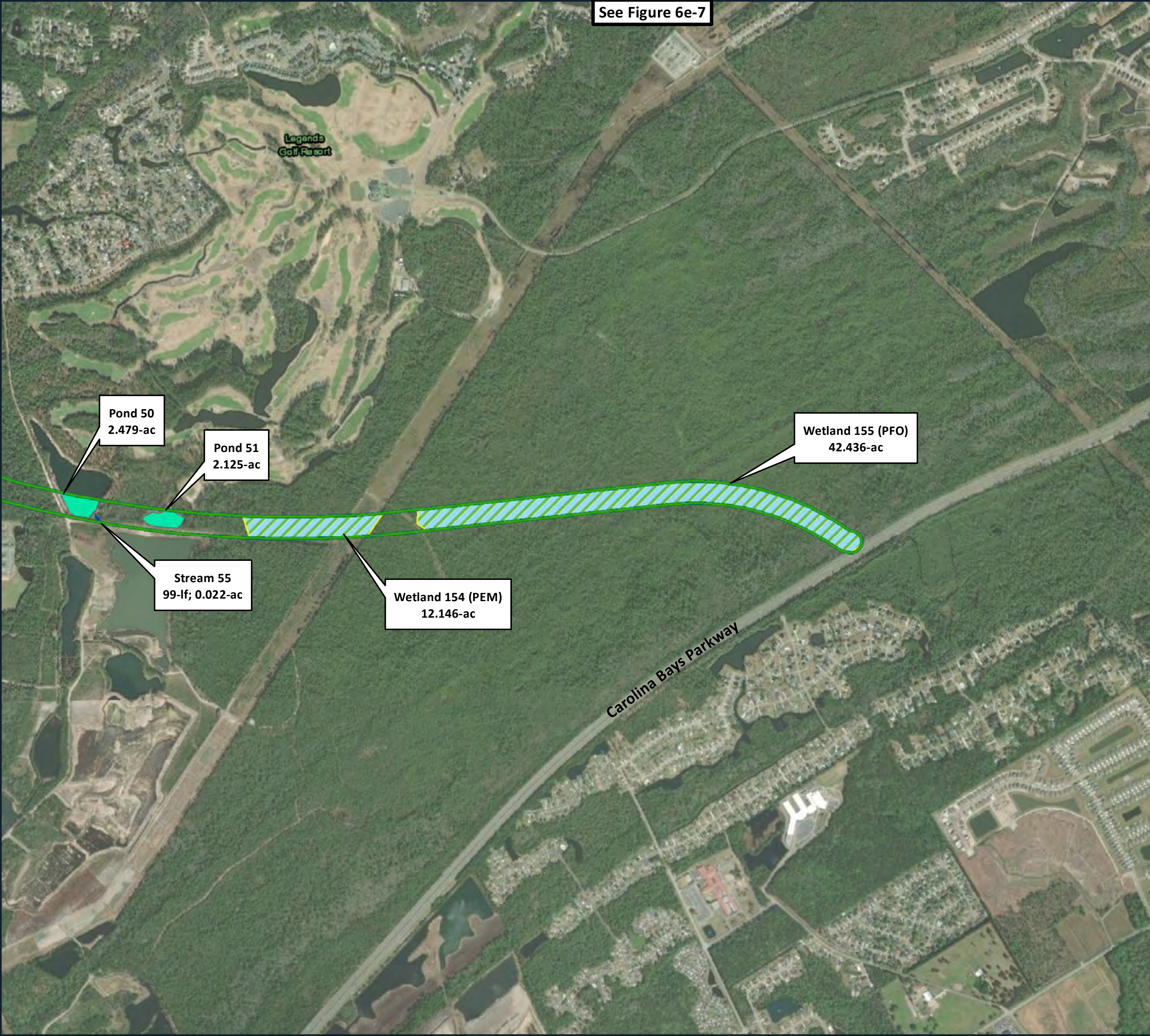
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

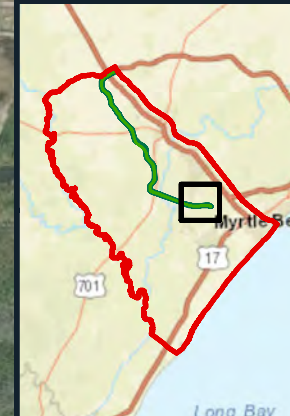
Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6e-7
ALTERNATIVES 8 & 9
WATERS MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 8
- Alternative Corridor 9
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6e-8
ALTERNATIVES 8 & 9
WATERS MAP

10/2022

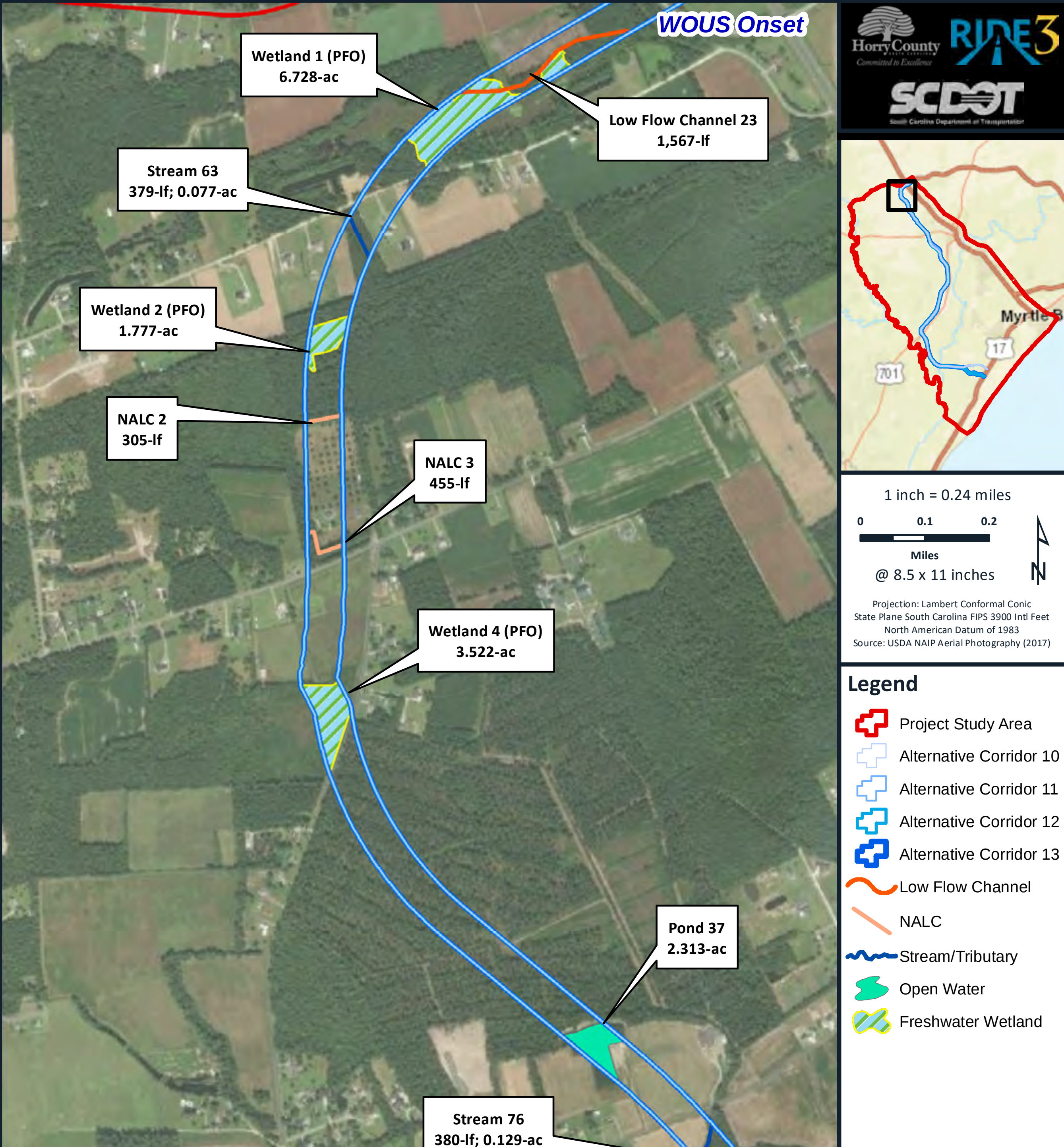
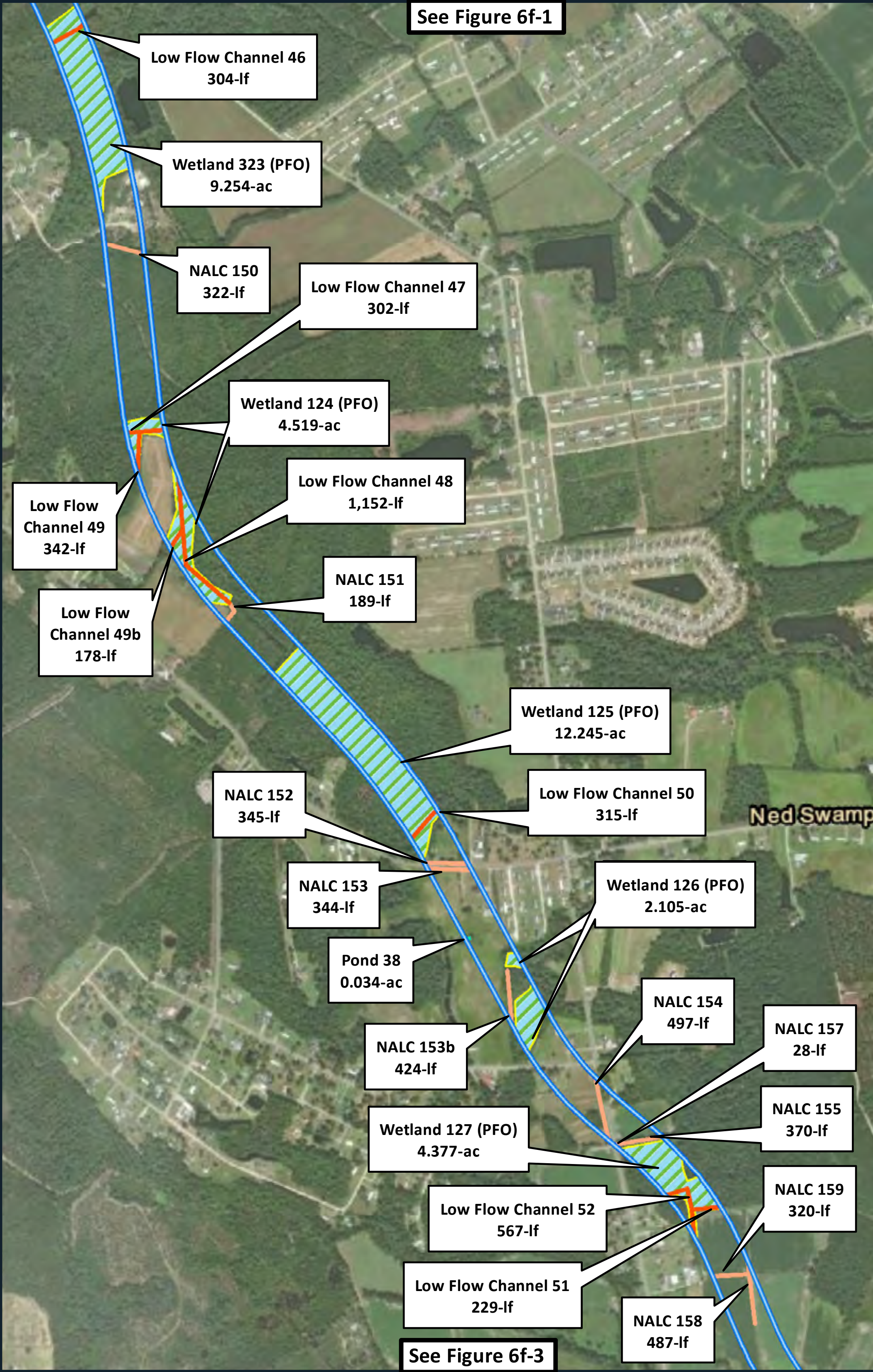


Figure 6f-1
ALTERNATIVES 10 - 13
WATERS MAP

11/2022



Horry County
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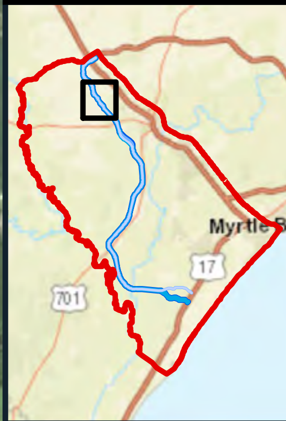
RIDE3
SCDOT
South Carolina Department of Transportation



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

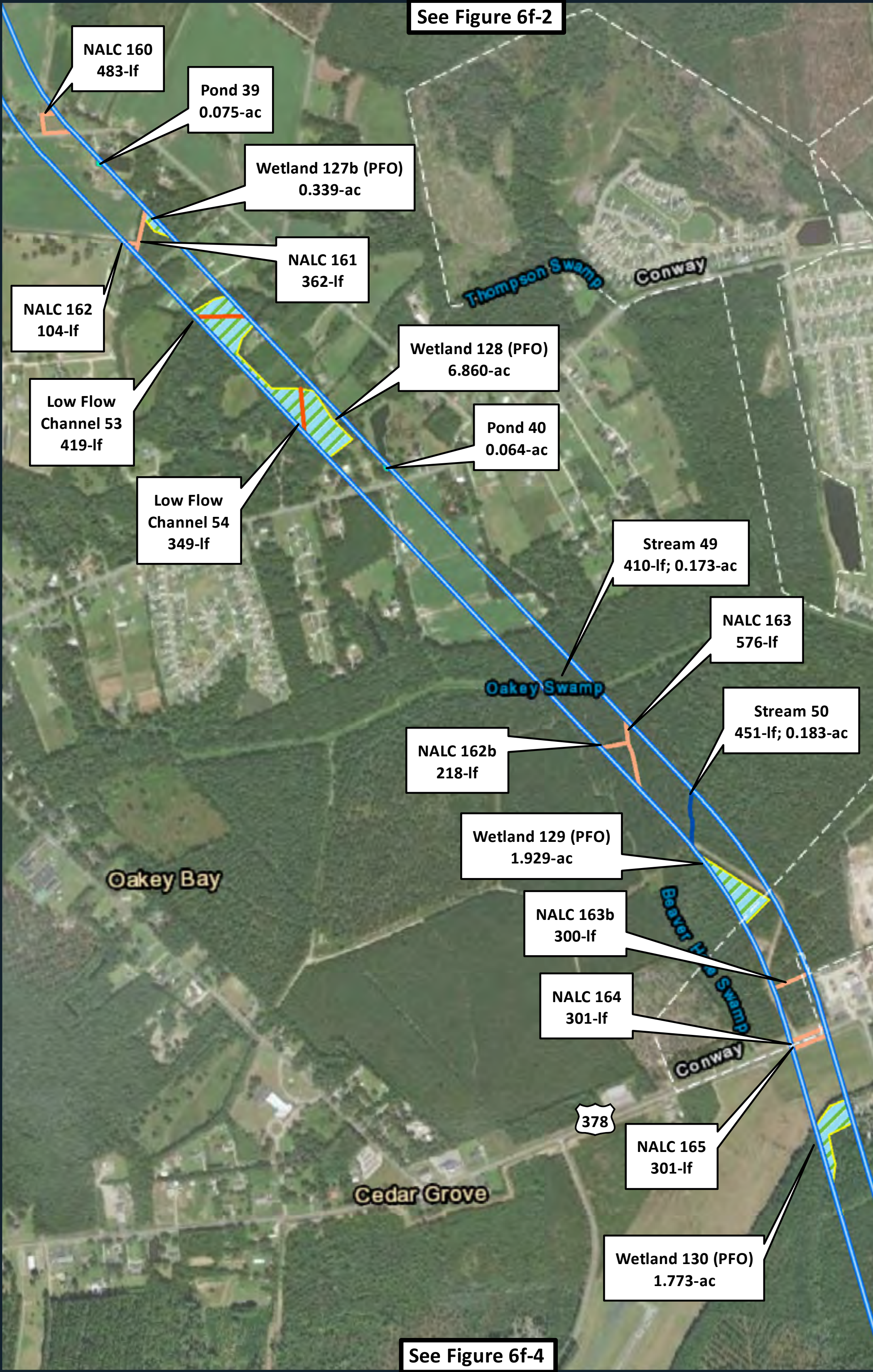
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6f-2
ALTERNATIVES 10 - 13
WATERS MAP

11/2022



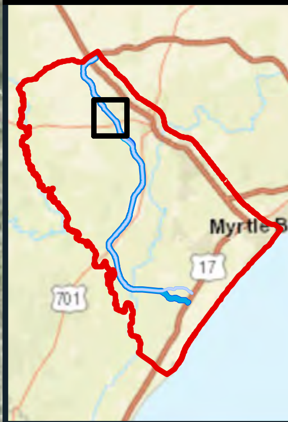


Figure 6f-3
ALTERNATIVES 10 - 13
WATERS MAP

11/2022

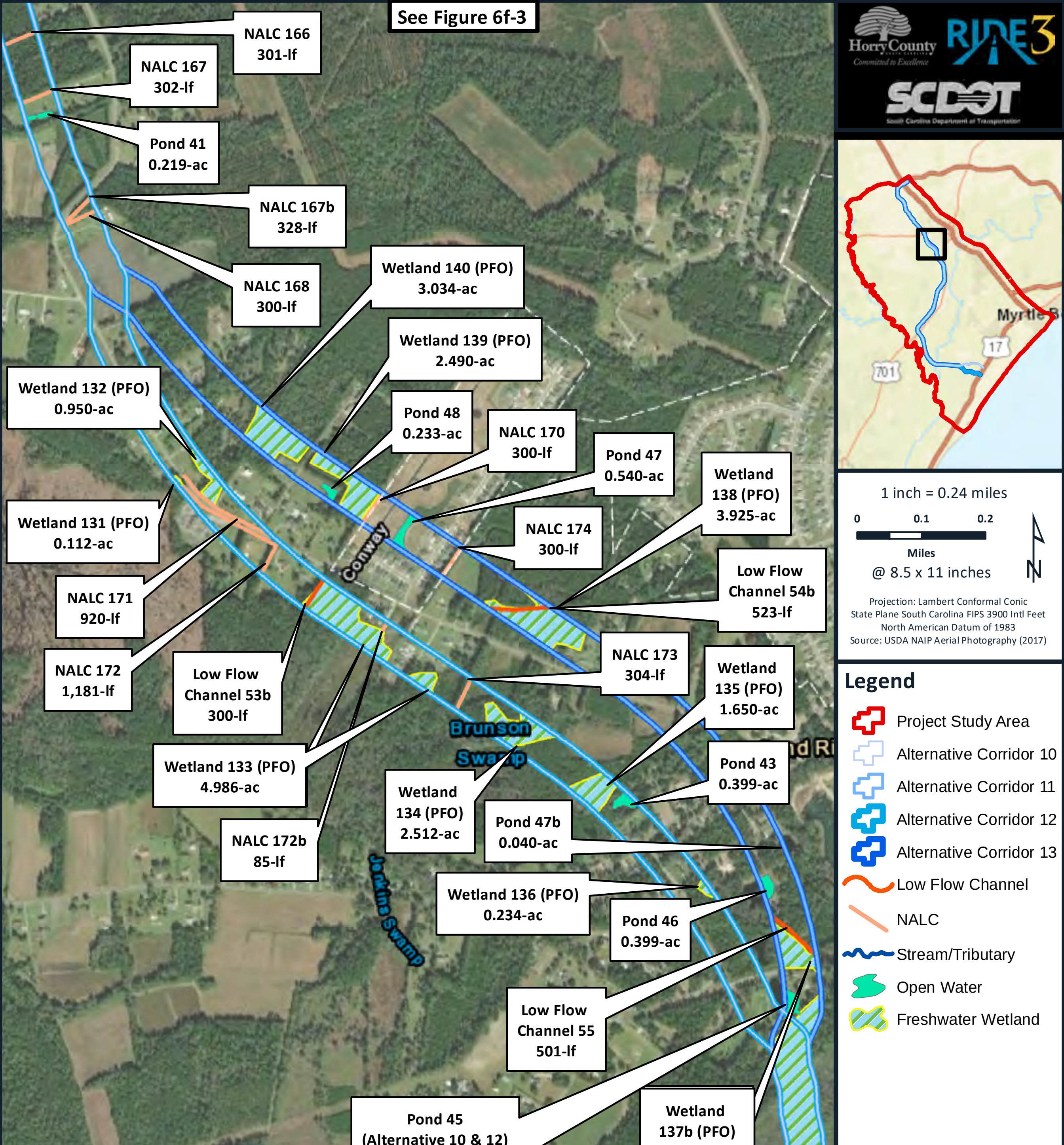
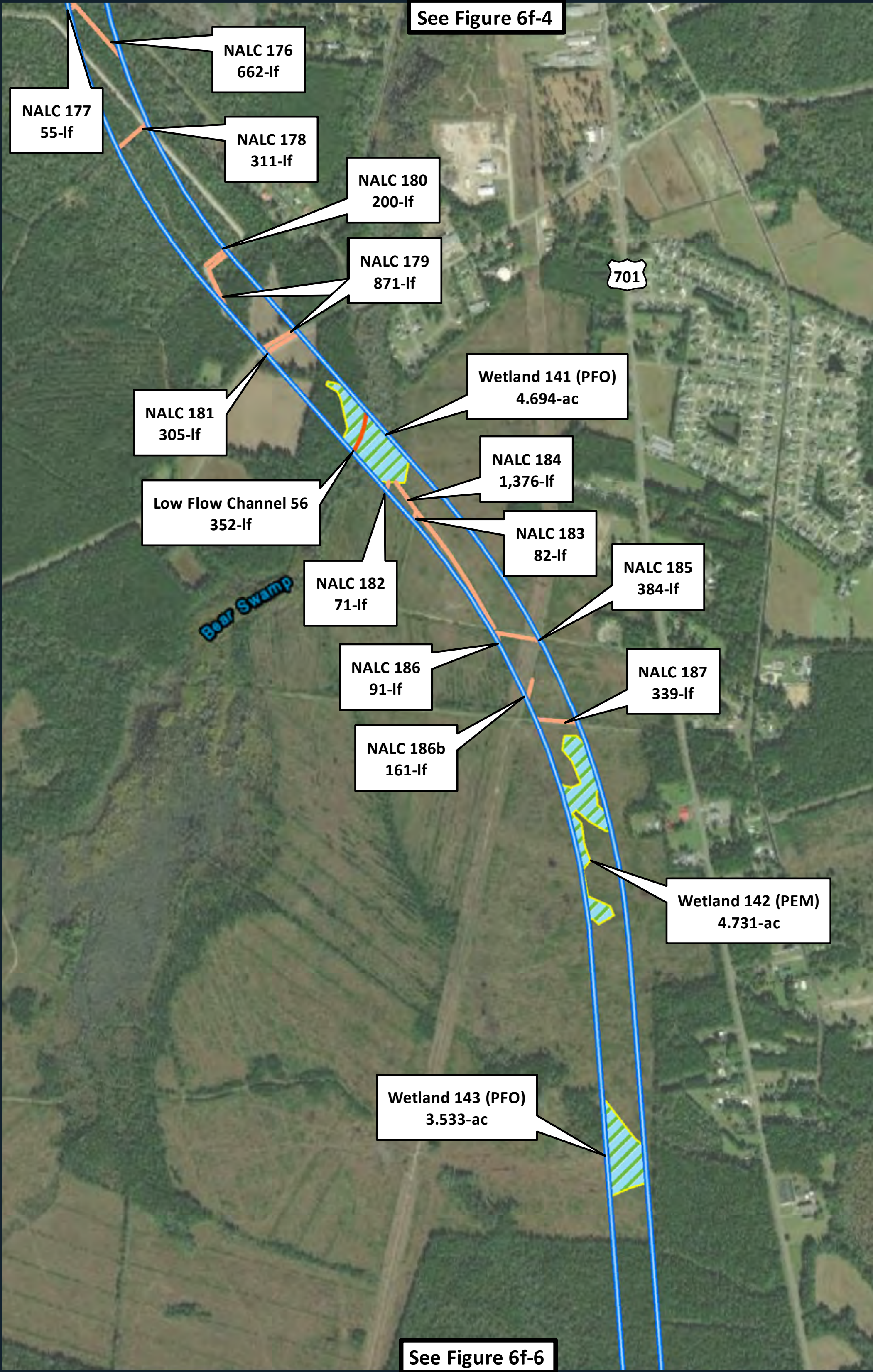
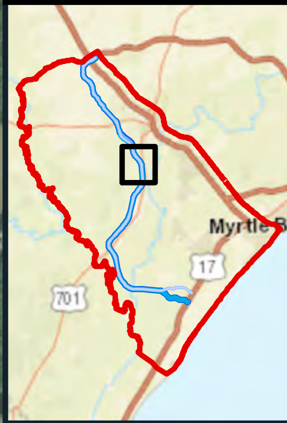


Figure 6f-4
ALTERNATIVES 10 - 13
WATERS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

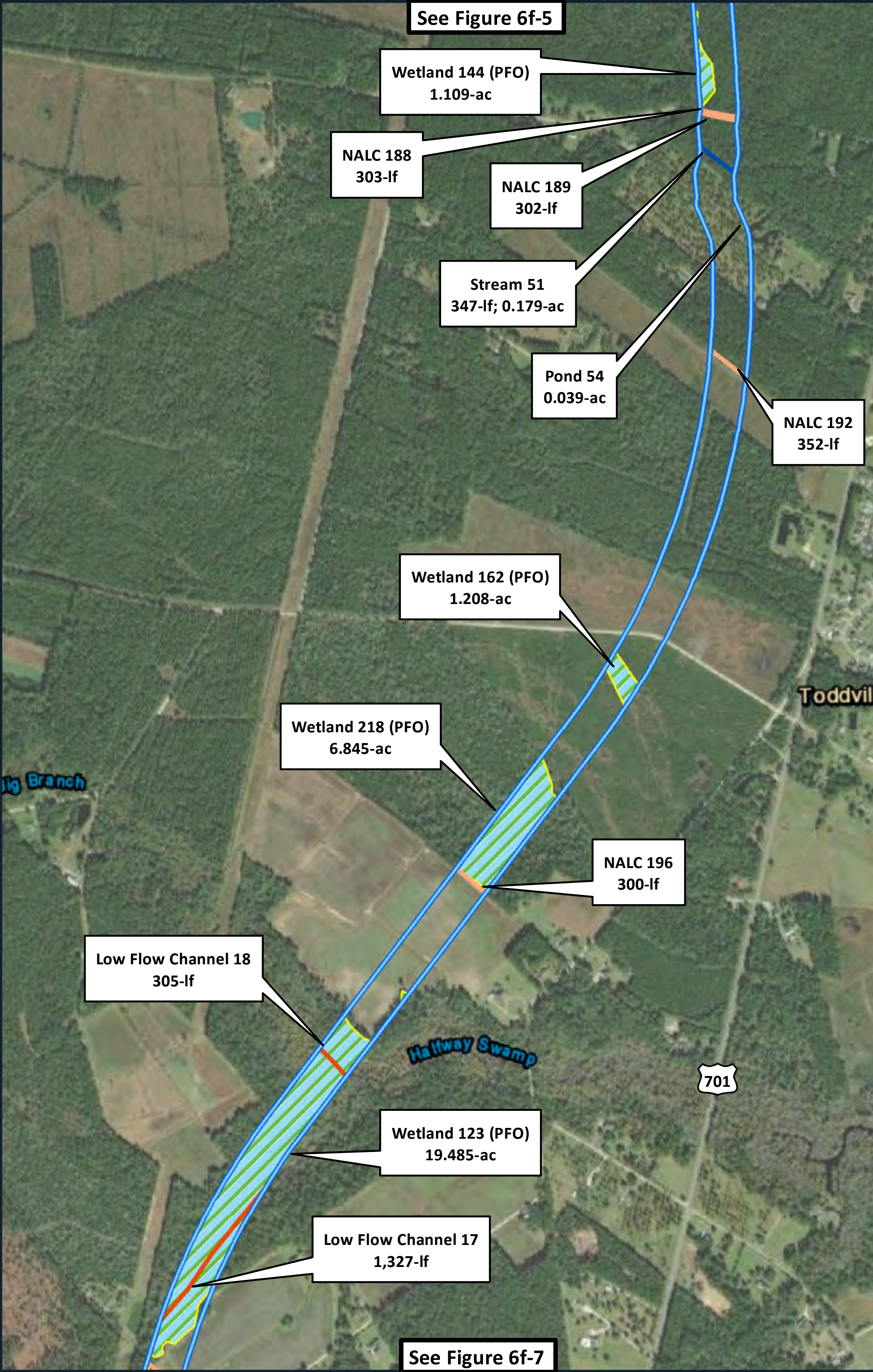
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

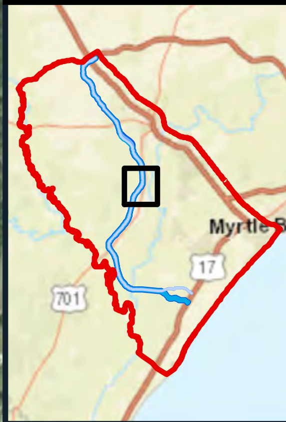
Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6f-5
ALTERNATIVES 10 - 13
WATERS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

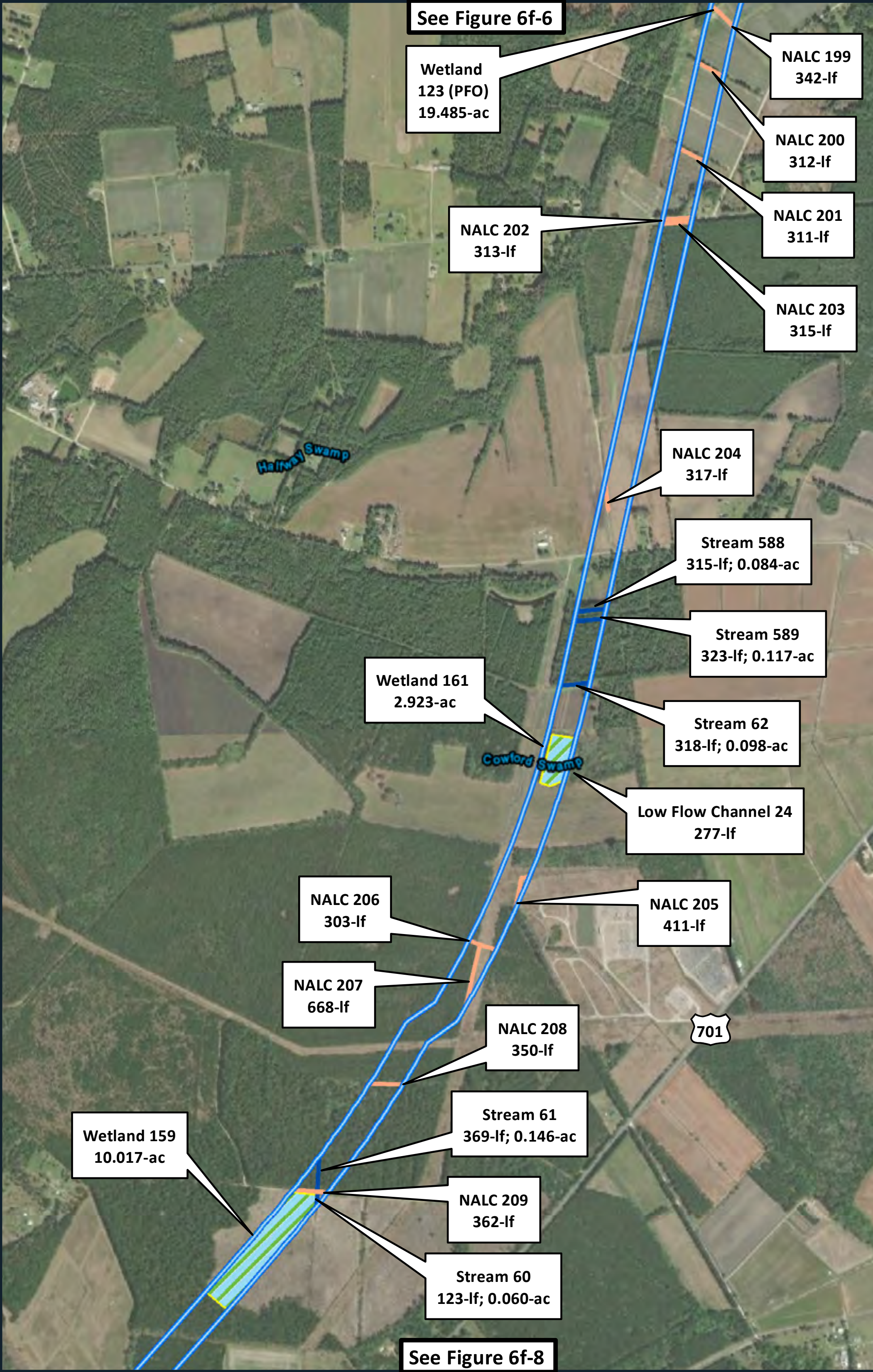
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6f-6
ALTERNATIVES 10 - 13
WATERS MAP

11/2022



Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6f-7
ALTERNATIVES 10 - 13
WATERS MAP

11/2022

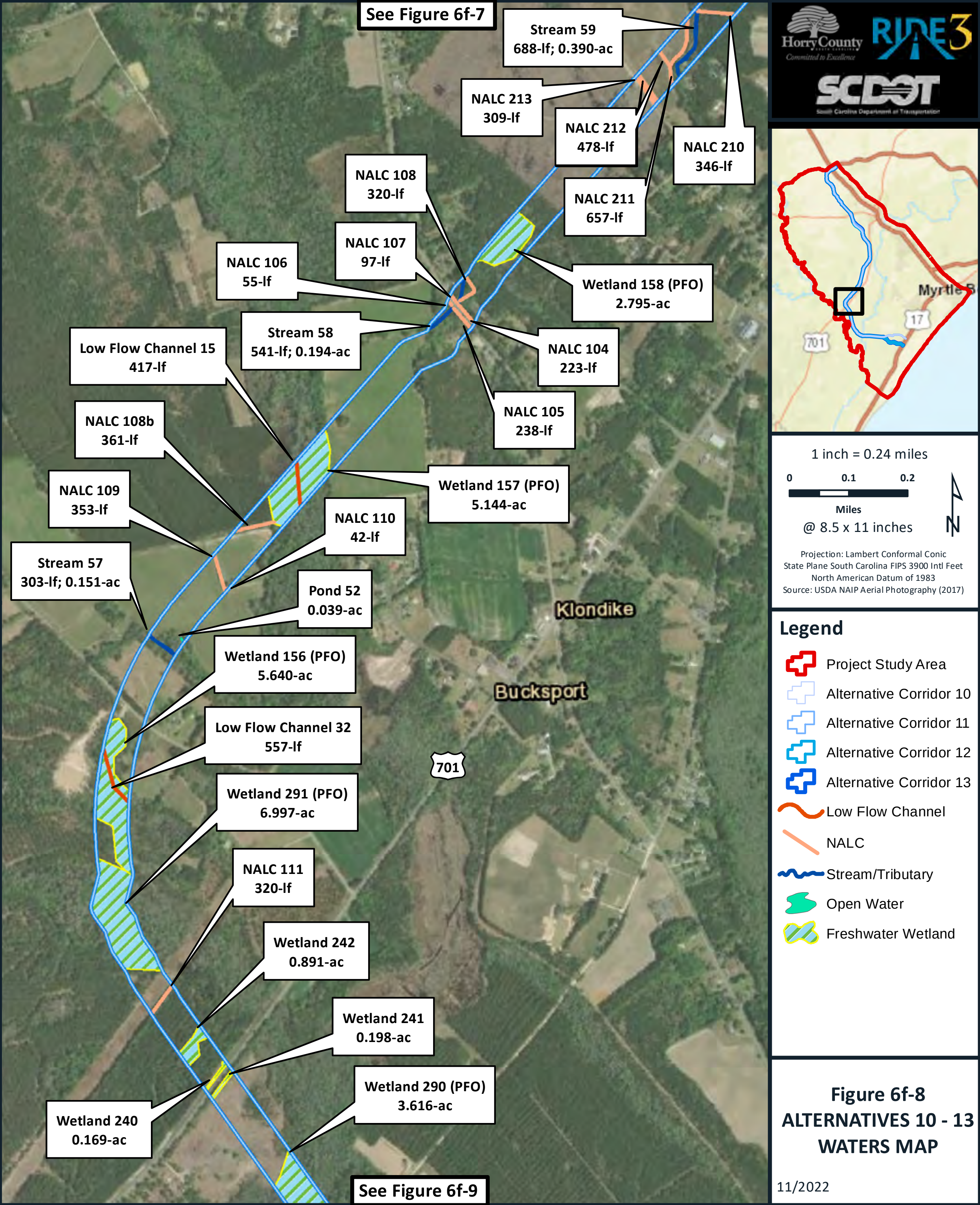
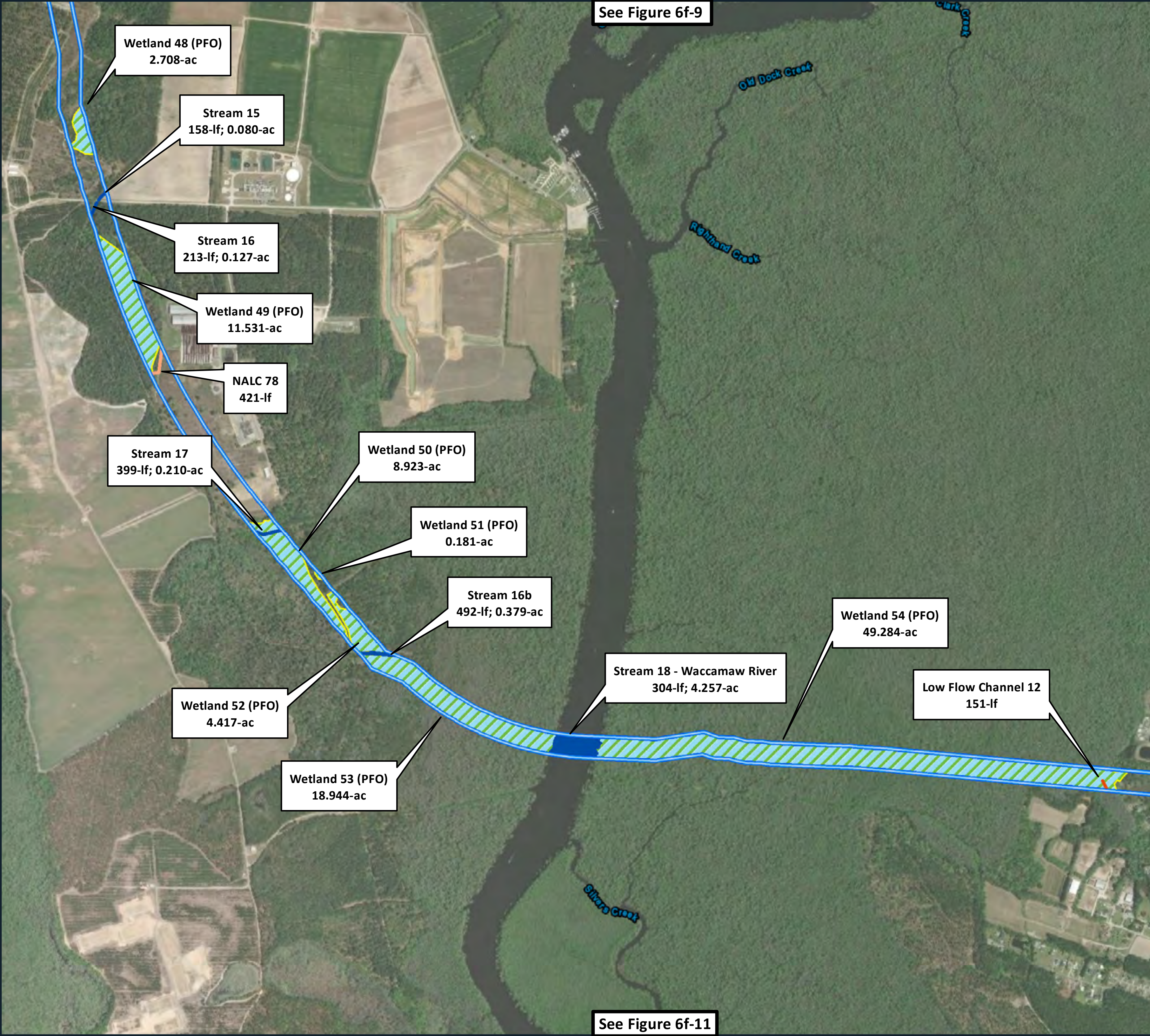
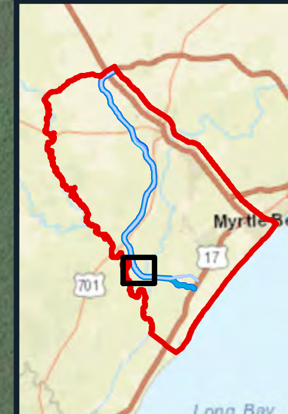

See Figure 6f-7
Stream 59
688-lf; 0.390-ac
NALC 213
309-lf
NALC 212
478-lf
NALC 210
346-lf
NALC 108
320-lf
NALC 211
657-lf
NALC 107
97-lf
NALC 106
55-lf
Wetland 158 (PFO)
2.795-ac
Stream 58
541-lf; 0.194-ac
Low Flow Channel 15
417-lf
NALC 104
223-lf
NALC 105
238-lf
NALC 108b
361-lf
Wetland 157 (PFO)
5.144-ac
NALC 109
353-lf
NALC 110
42-lf
Stream 57
303-lf; 0.151-ac
Pond 52
0.039-ac
Klondike
Wetland 156 (PFO)
5.640-ac
Bucksport
Low Flow Channel 32
557-lf
701
Wetland 291 (PFO)
6.997-ac
NALC 111
320-lf
Wetland 242
0.891-ac
Wetland 241
0.198-ac
Wetland 290 (PFO)
3.616-ac
Wetland 240
0.169-ac
See Figure 6f-9
Horry County
Committed to Excellence
RIDE3
SCDOT
South Carolina Department of Transportation
Myrtle B
17
701
1 inch = 0.24 miles
0
0.1
0.2
Miles
@ 8.5 x 11 inches
N
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)
Legend
Project Study Area
Alternative Corridor 10
Alternative Corridor 11
Alternative Corridor 12
Alternative Corridor 13
Low Flow Channel
NALC
Stream/Tributary
Open Water
Freshwater Wetland
Figure 6f-8
ALTERNATIVES 10 - 13
WATERS MAP
11/2022

Figure 6f-9
ALTERNATIVES 10 - 13
WATERS MAP

11/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6f-10
ALTERNATIVES 10 - 13
WATERS MAP

11/2022

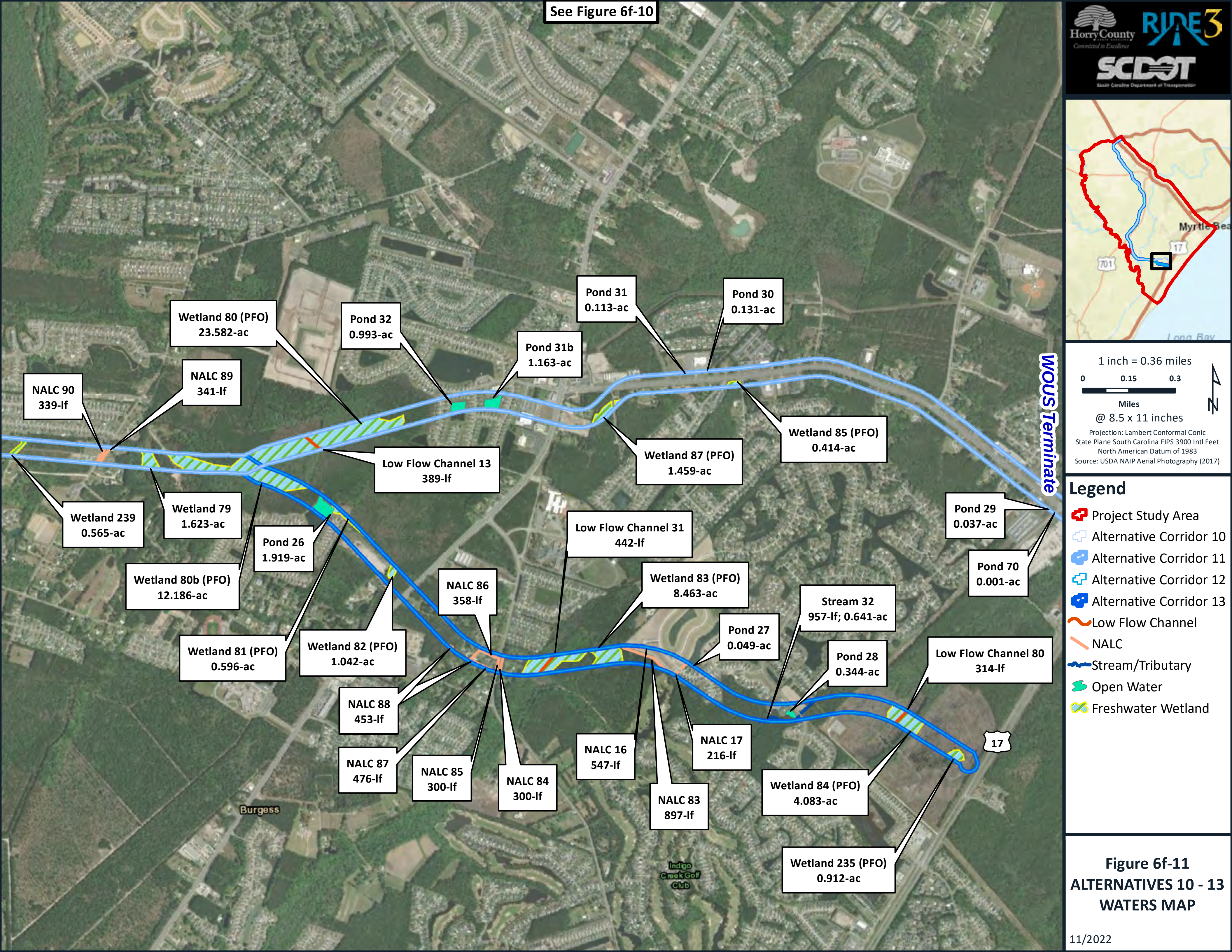


Figure 6f-11
ALTERNATIVES 10 - 13 WATERS MAP

11/2022

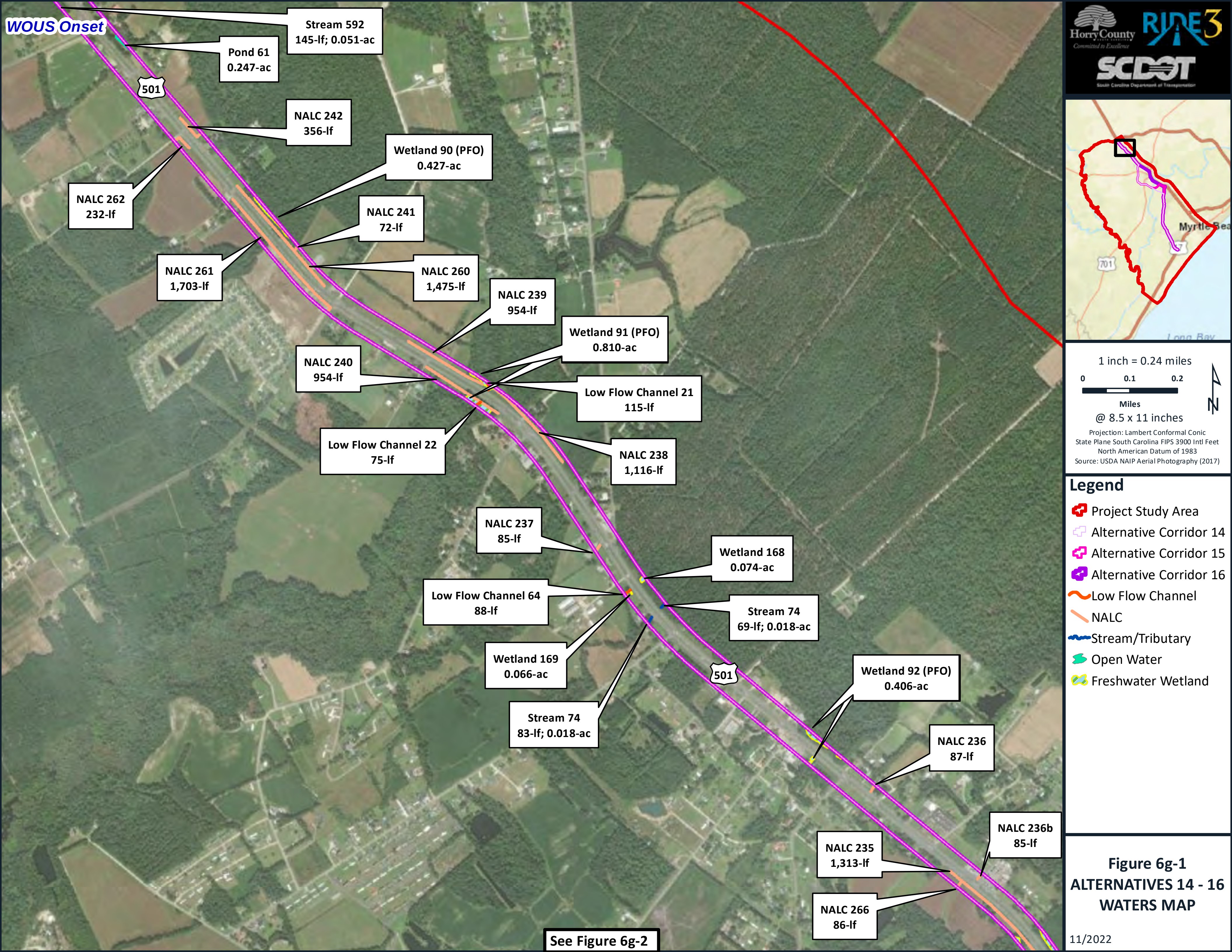
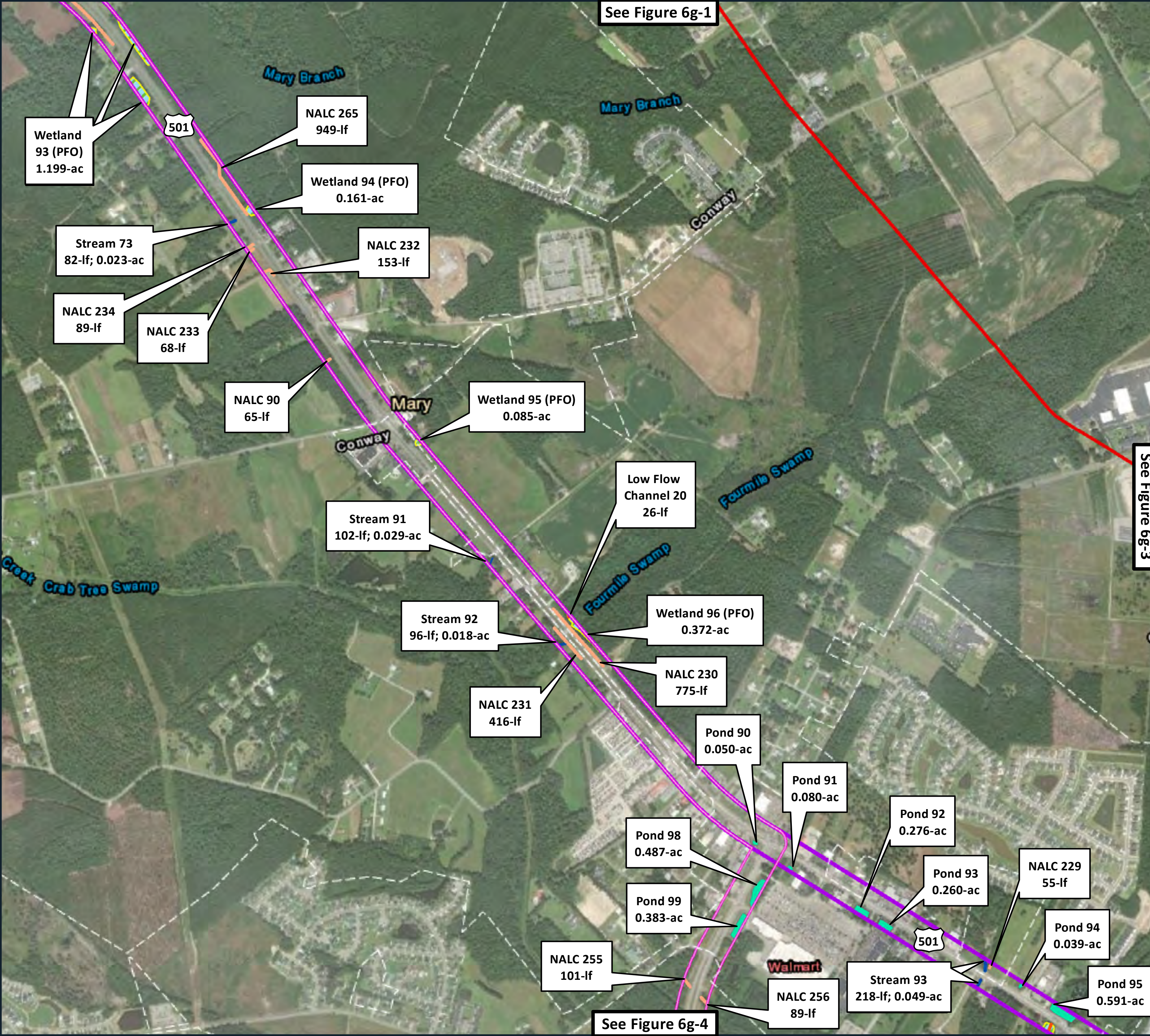
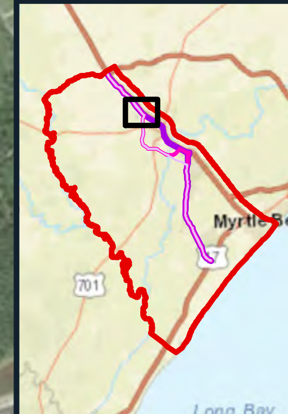


Figure 6g-1
ALTERNATIVES 14 - 16 WATERS MAP

11/2022



Horry County
RIDE3
SCDOT



1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6g-2
ALTERNATIVES 14 - 16
WATERS MAP

11/2022

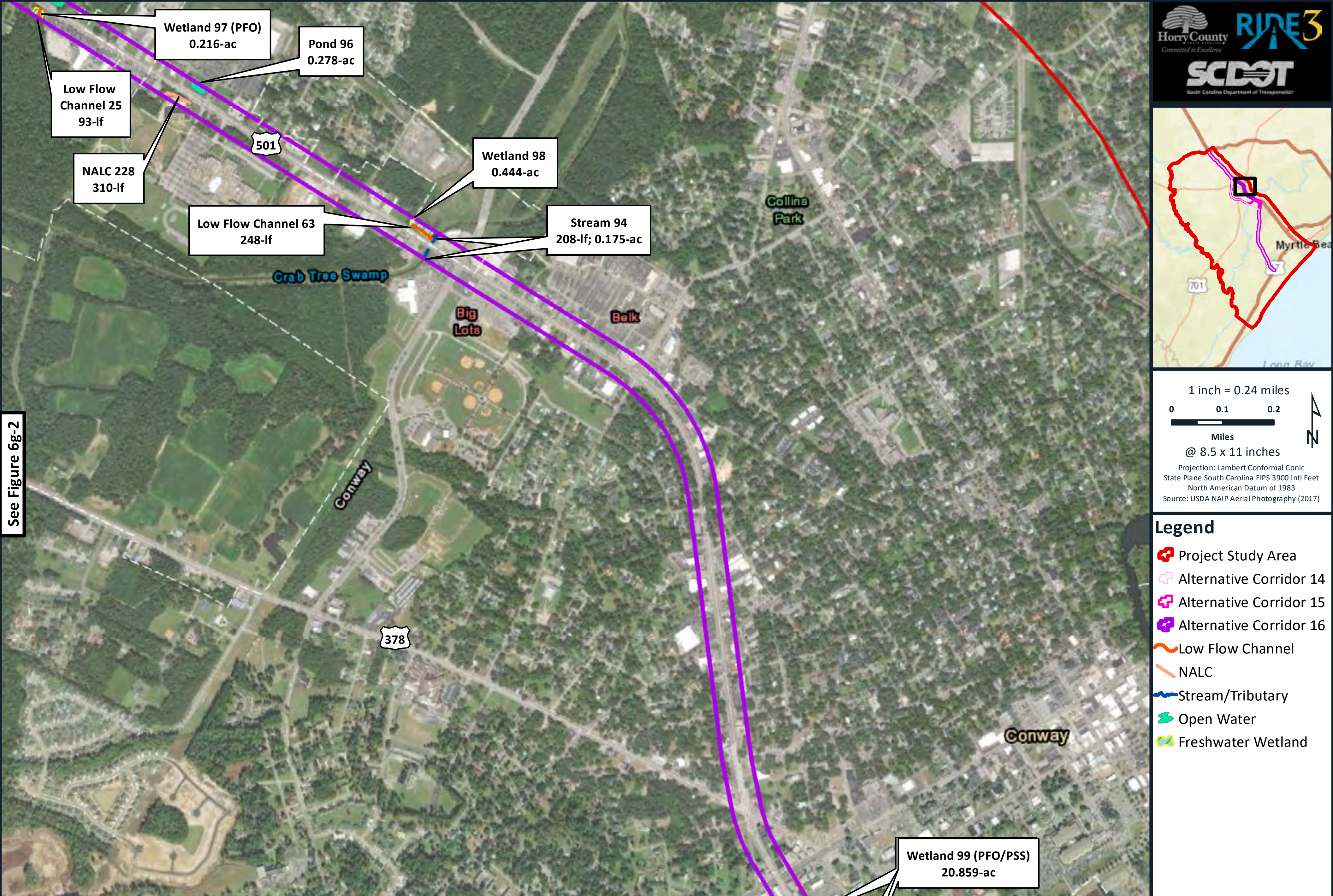


Figure 6g-3
ALTERNATIVES 14 - 16
WATERS MAP

11/2022

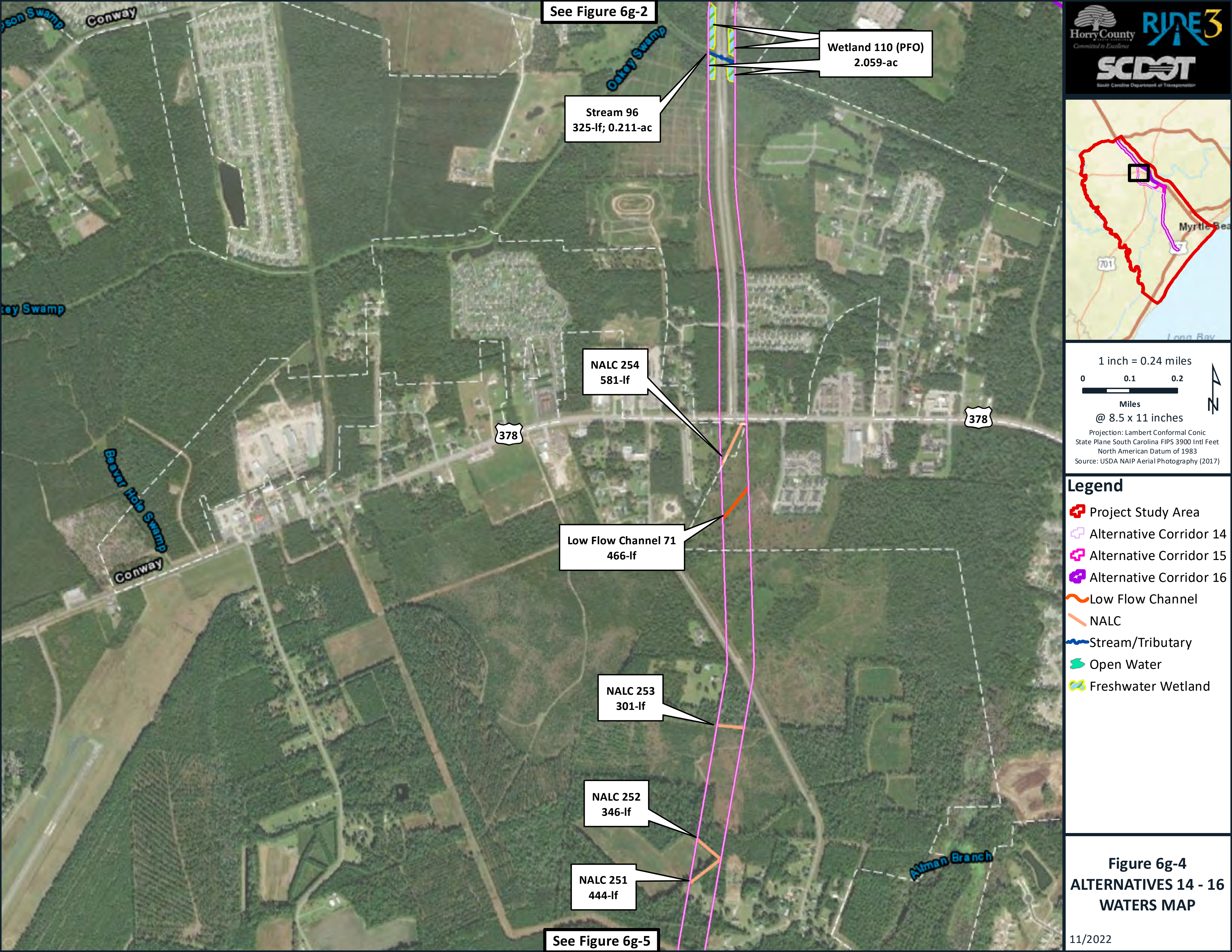
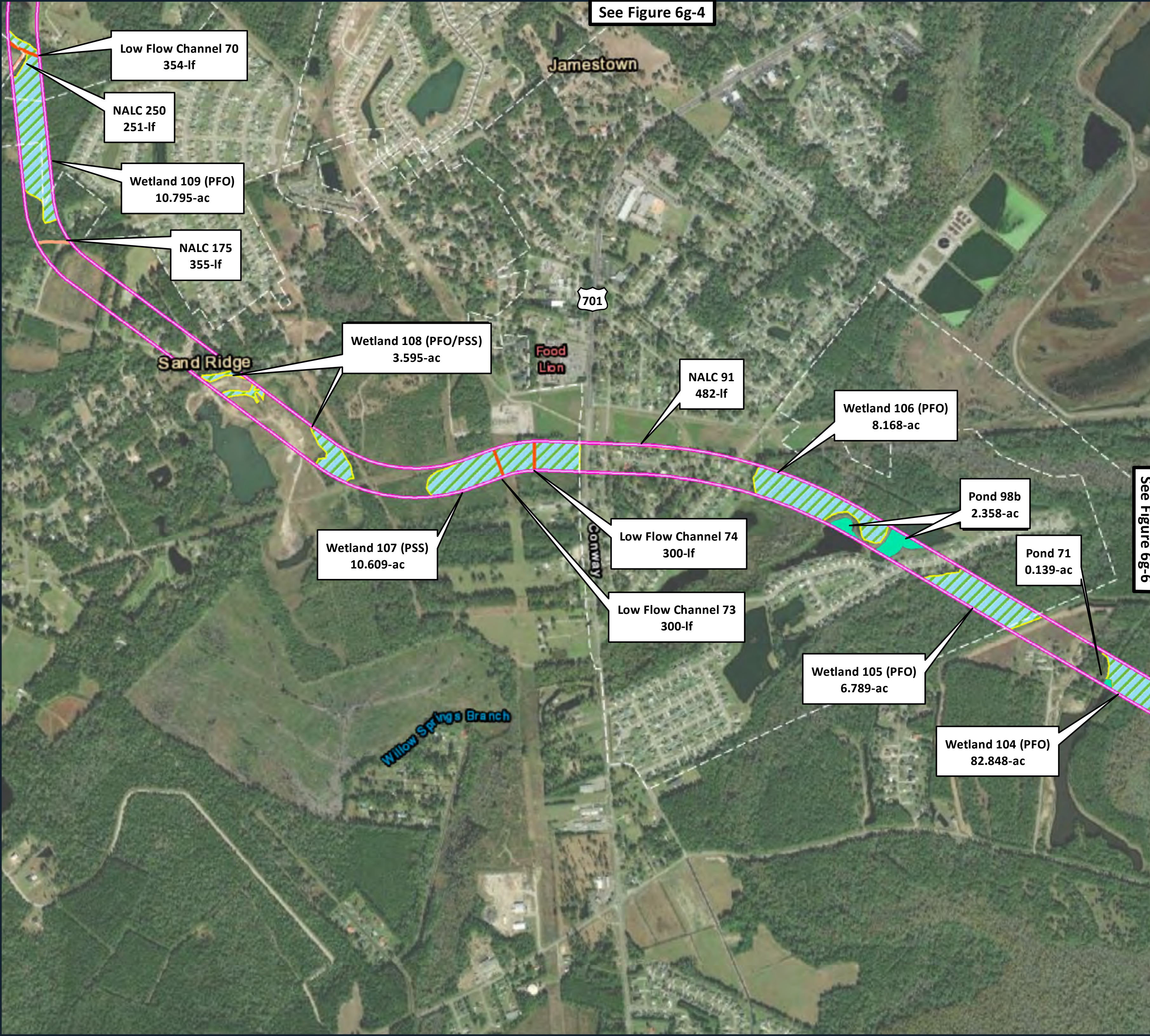
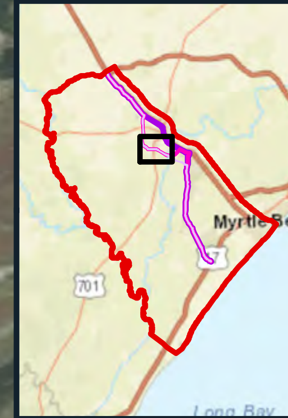


Figure 6g-4
ALTERNATIVES 14 - 16 WATERS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6g-5
ALTERNATIVES 14 - 16
WATERS MAP

11/2022

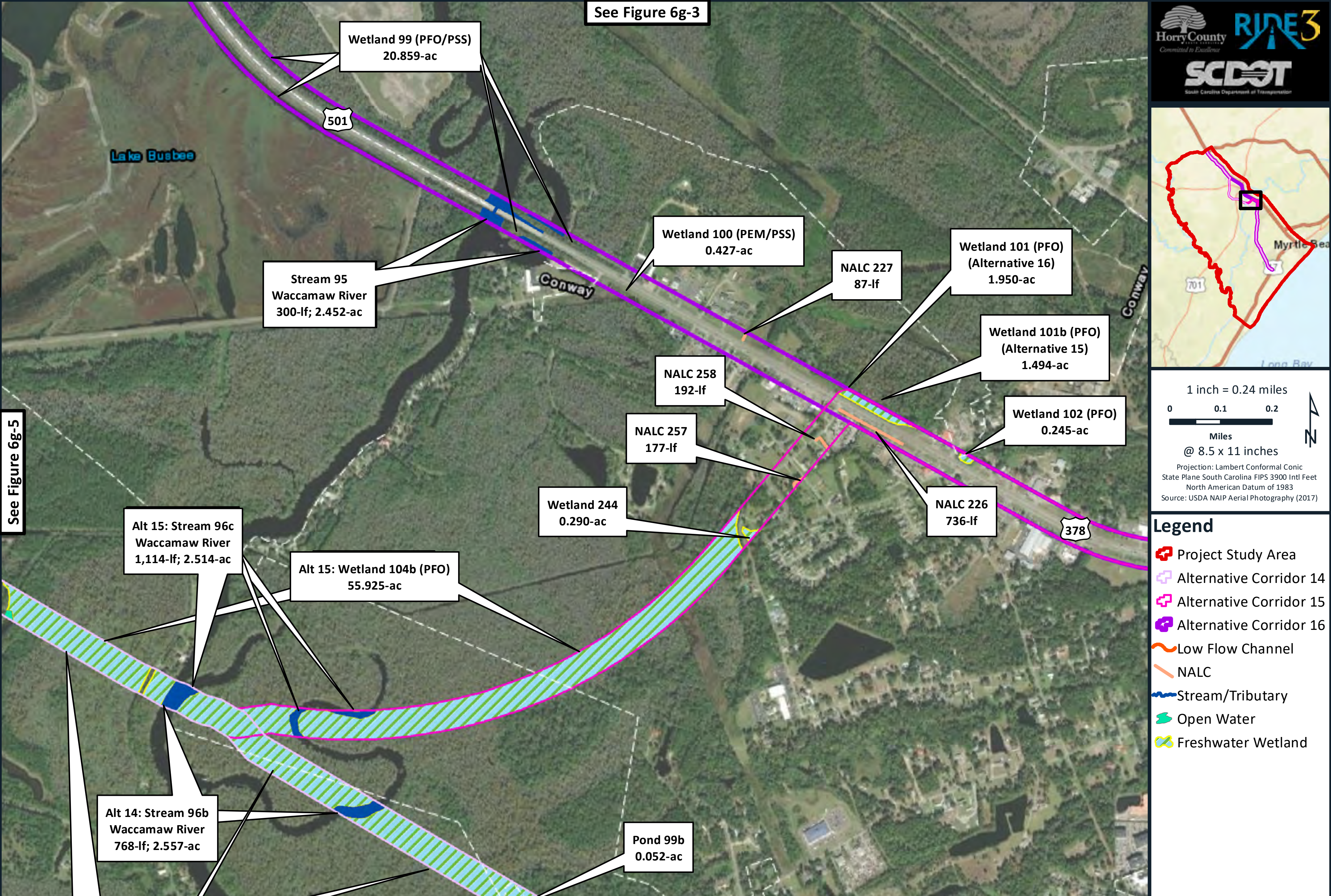
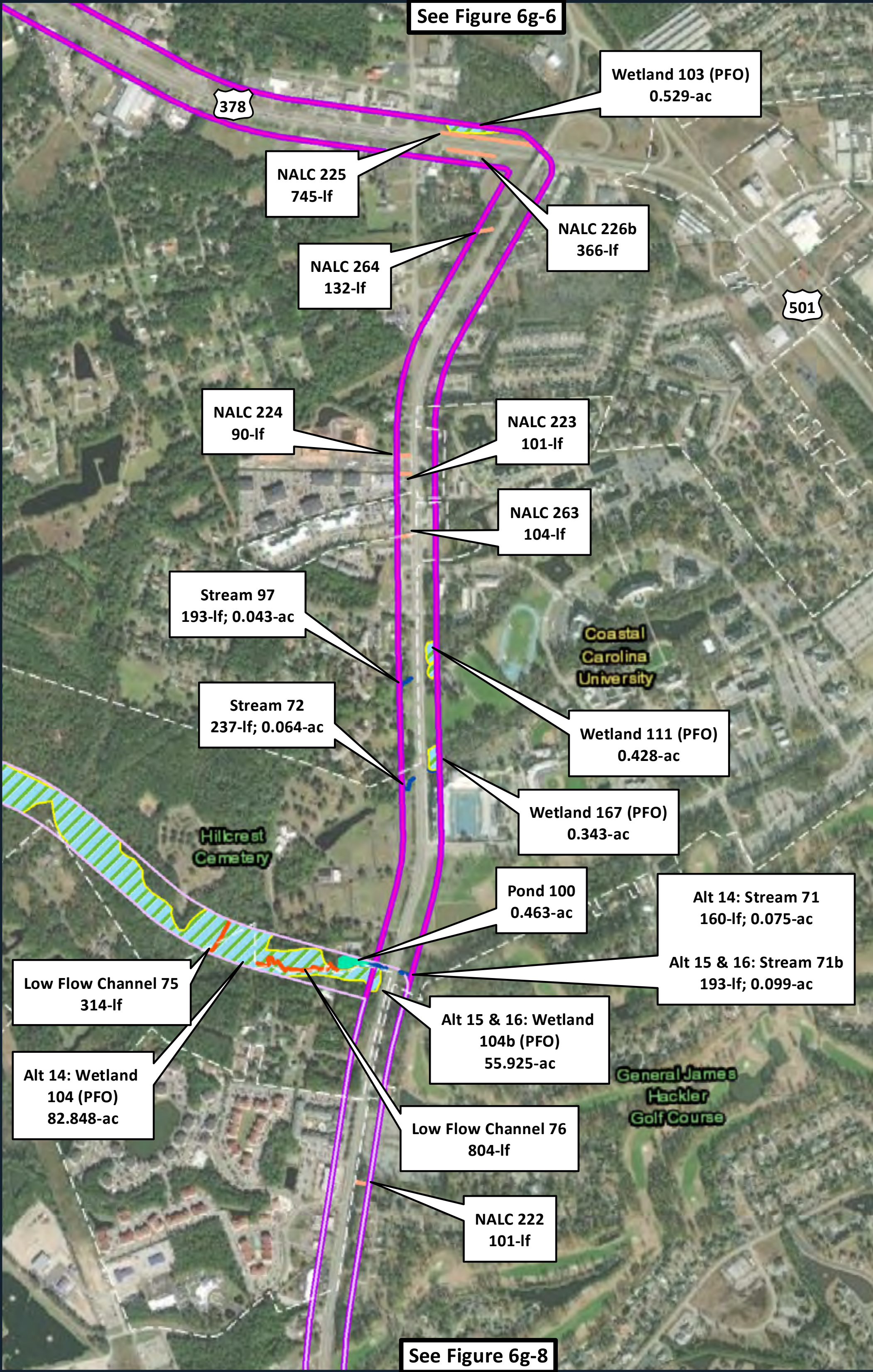
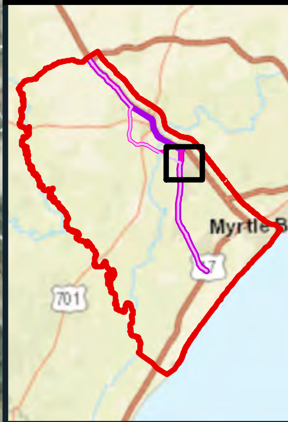


Figure 6g-6
ALTERNATIVES 14 - 16
WATERS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

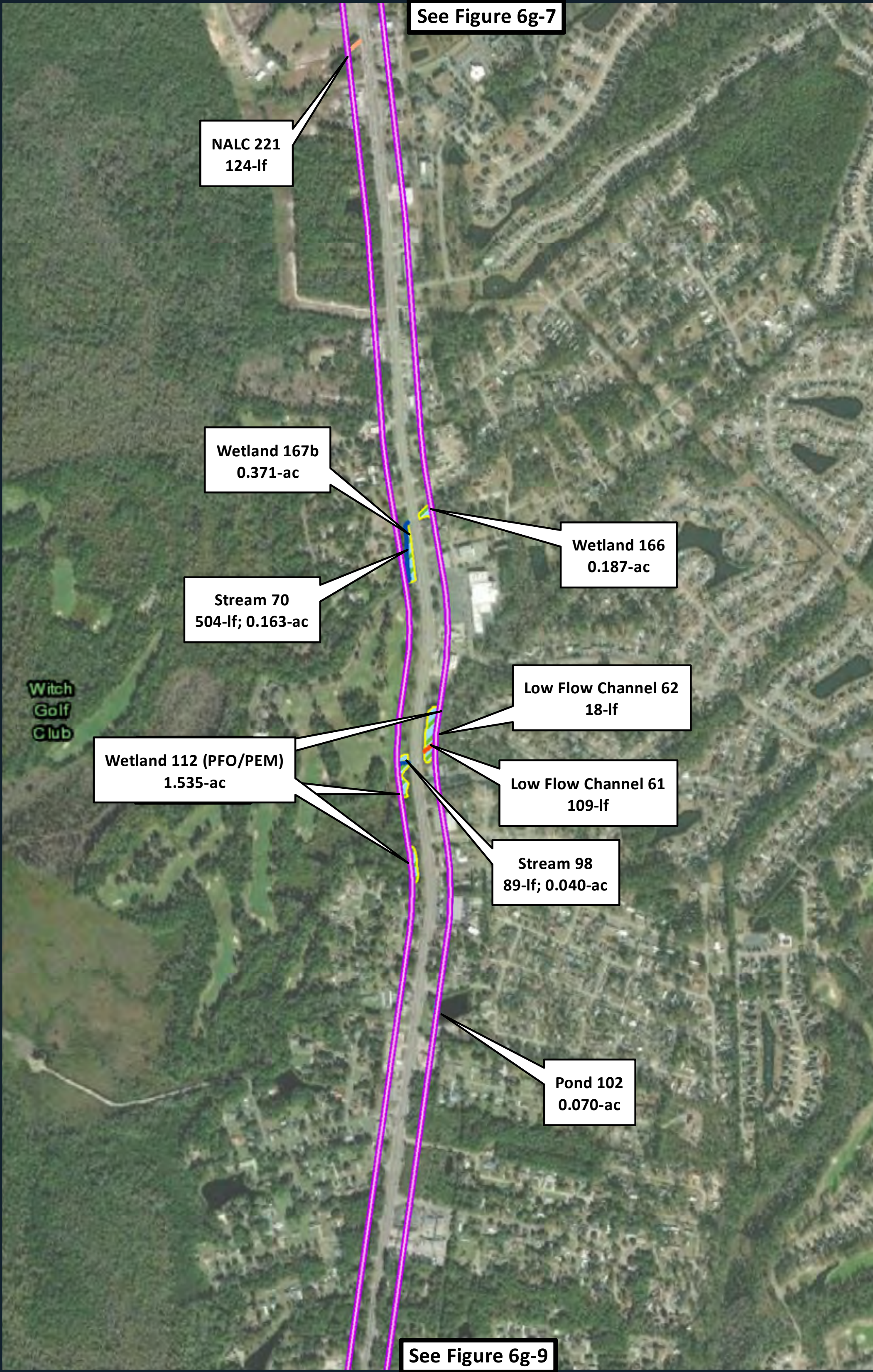
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

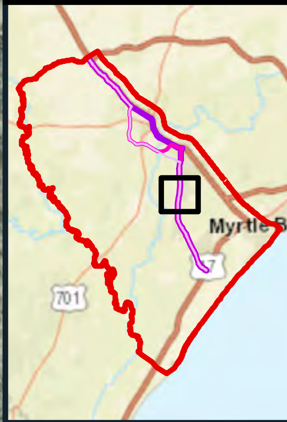
Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6g-7
ALTERNATIVES 14 - 16
WATERS MAP

11/2022





1 inch = 0.24 miles

0 0.1 0.2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Low Flow Channel
- NALC
- Stream/Tributary
- Open Water
- Freshwater Wetland

Figure 6g-8
ALTERNATIVES 14 - 16
WATERS MAP

11/2022

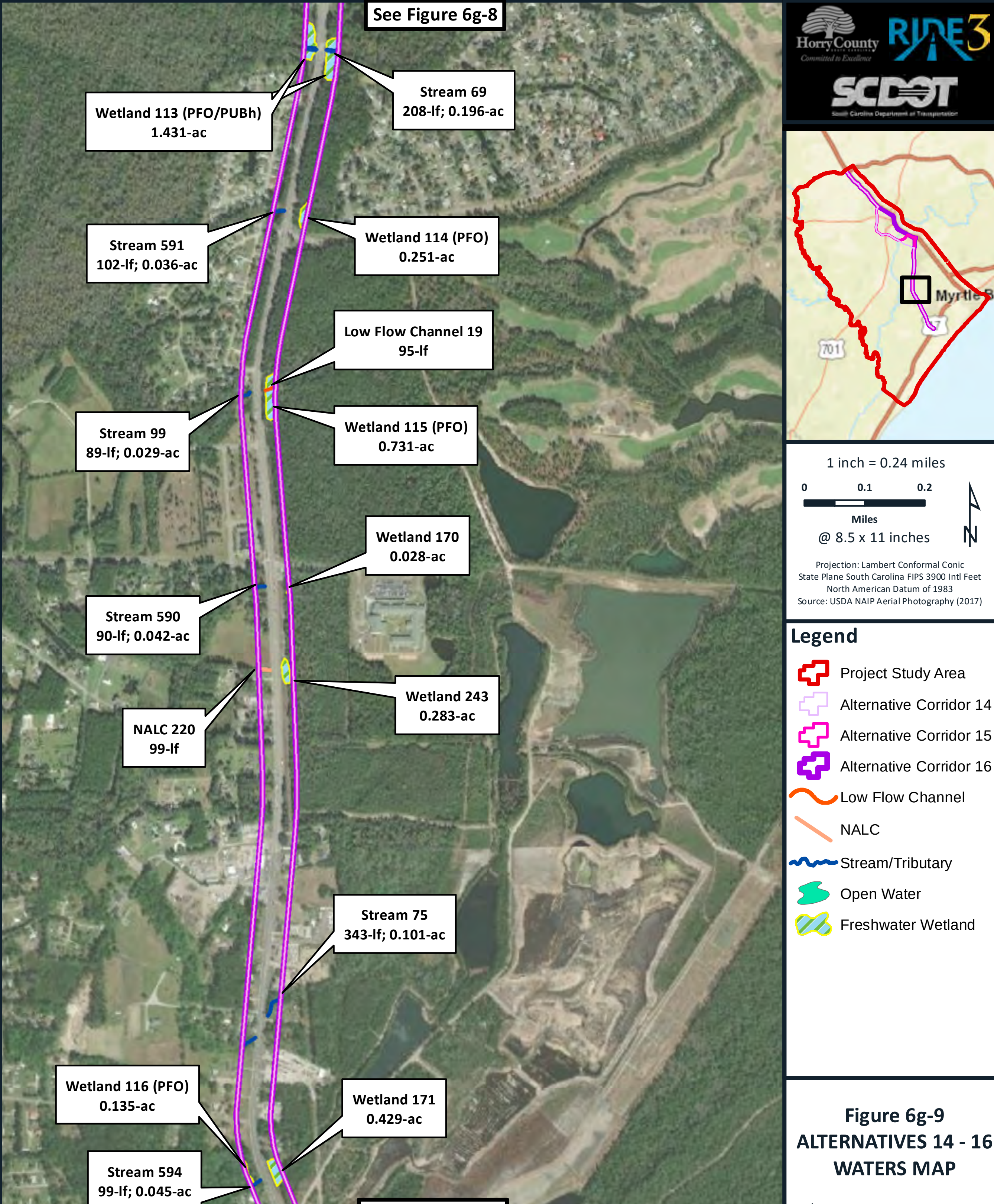


Figure 6g-9
ALTERNATIVES 14 - 16
WATERS MAP

11/2022

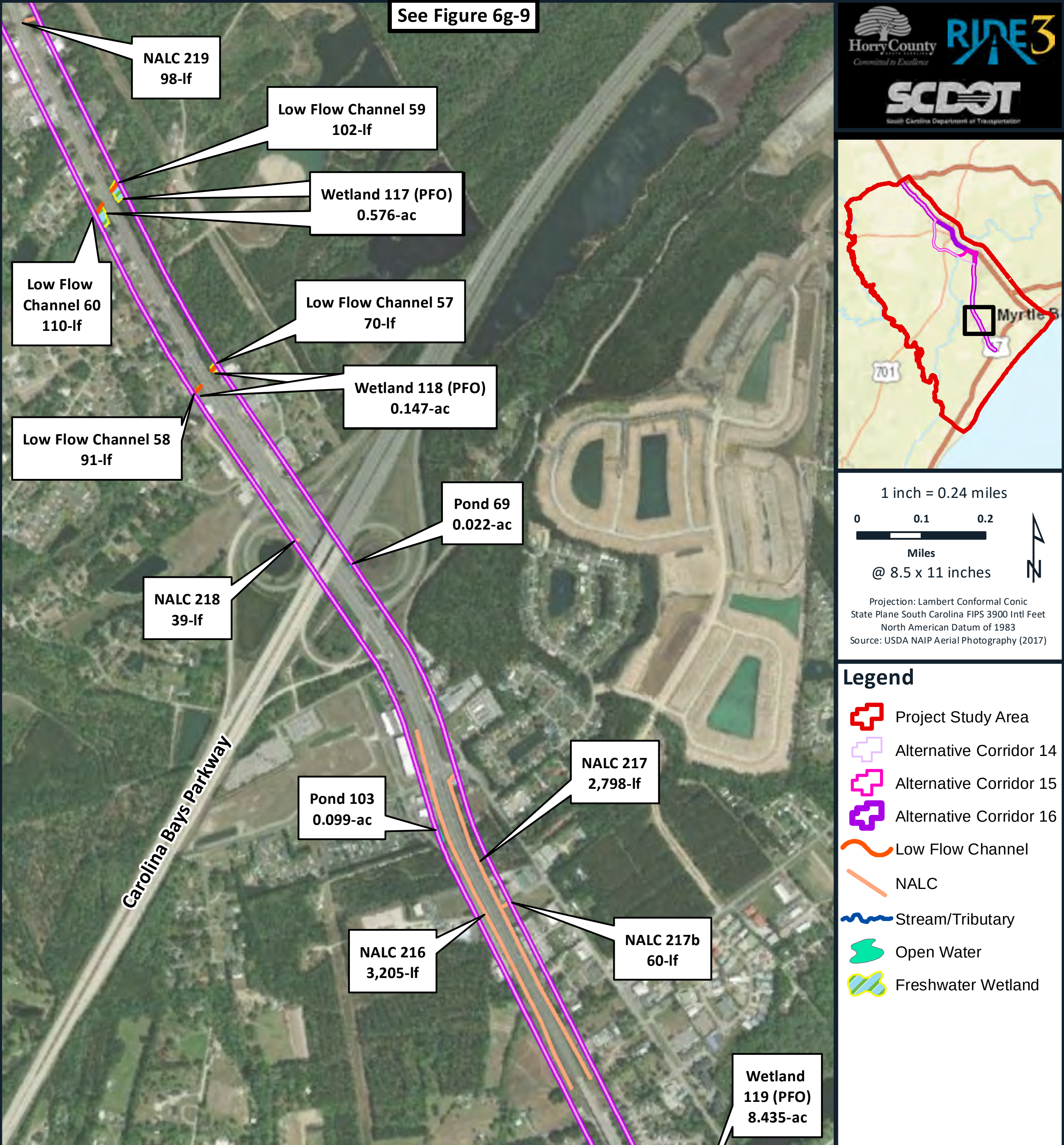


Figure 6g-10
ALTERNATIVES 14 - 16 WATERS MAP

11/2022

Figure 6g-11
ALTERNATIVES 14 - 16
WATERS MAP

11/2022

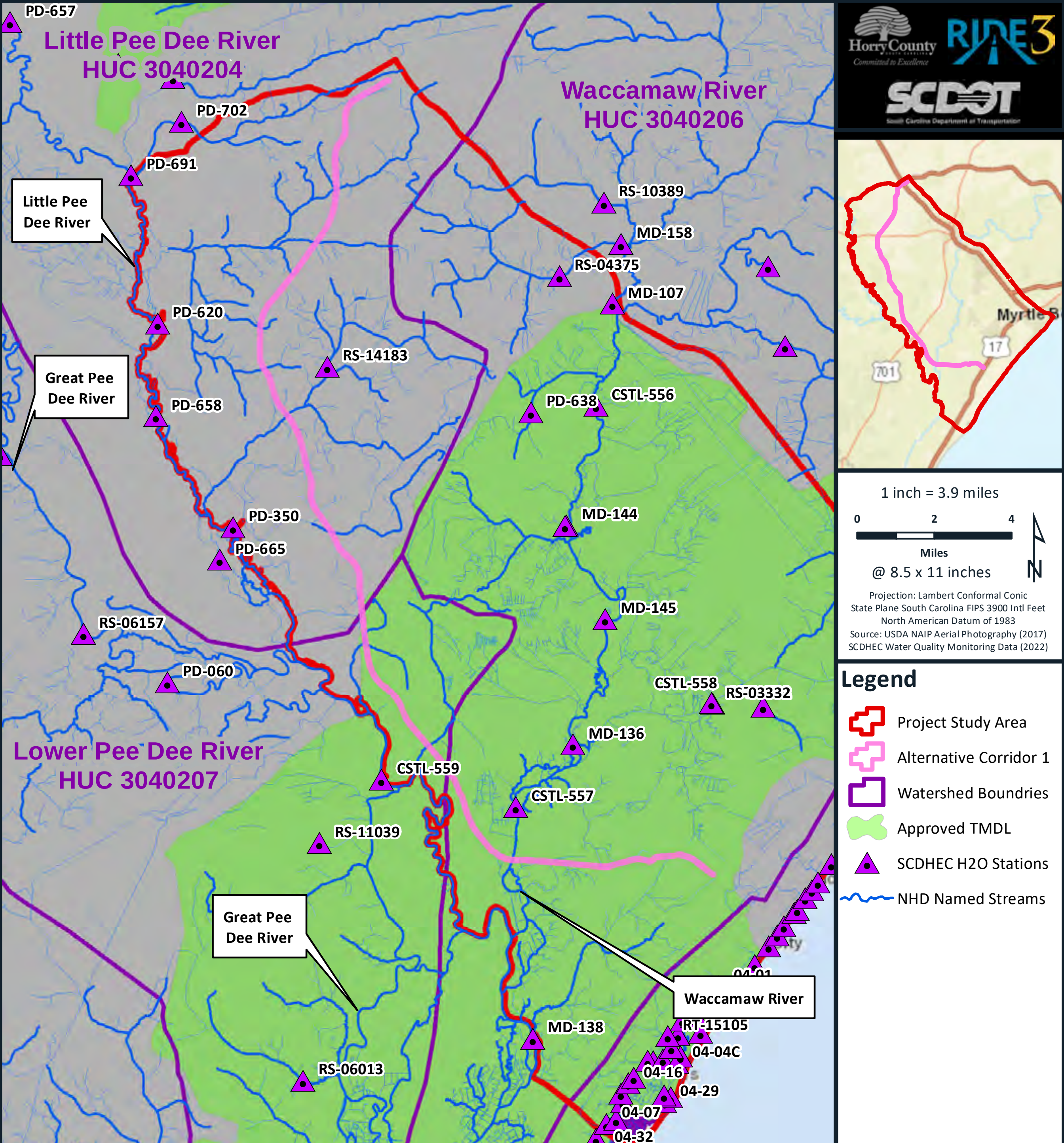


FIGURE 7-1
ALTERNATIVE 1
WATER QUALITY MAP

10/2022

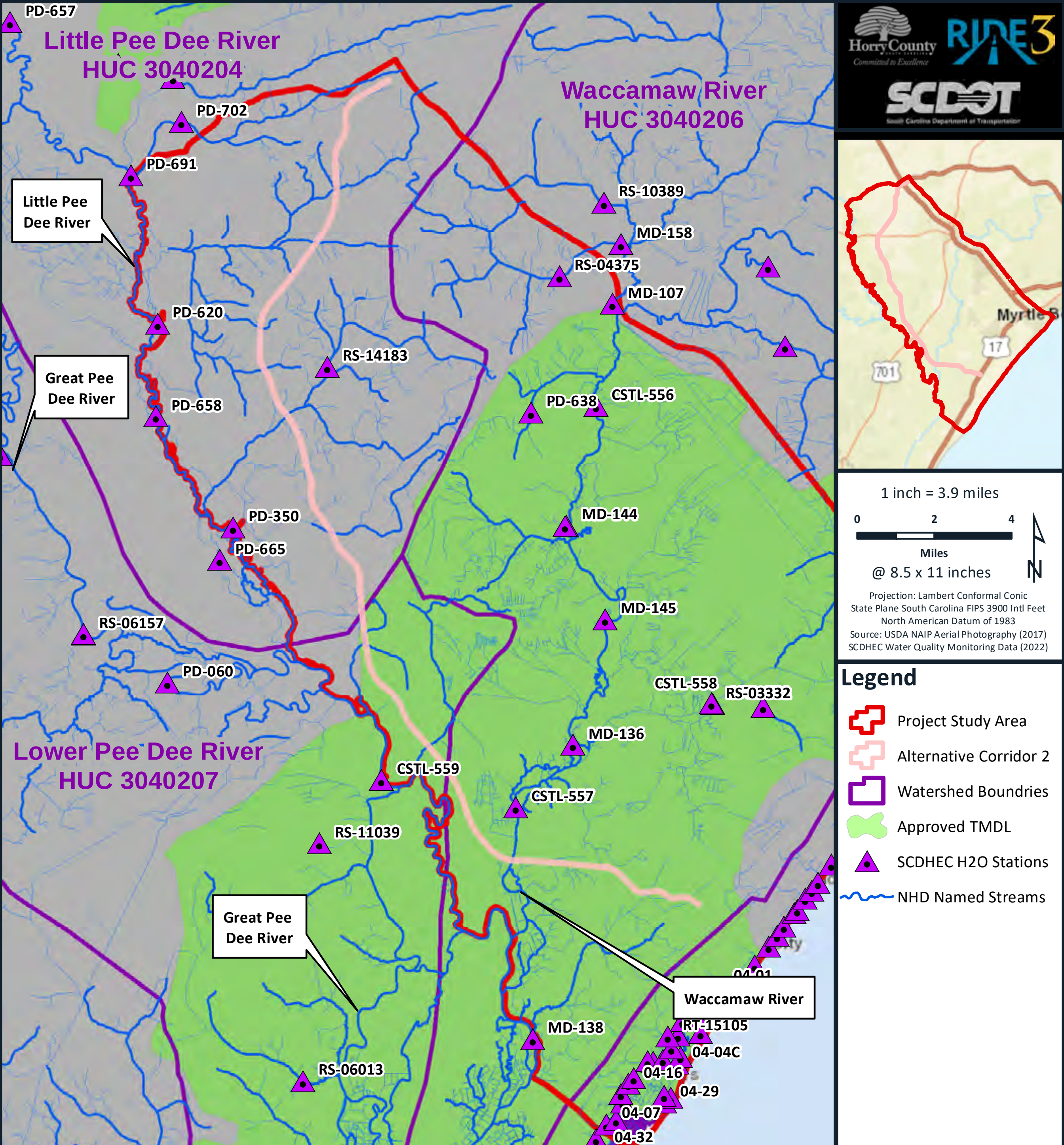


FIGURE 7-2
ALTERNATIVE 2
WATER QUALITY
MAP

10/2022

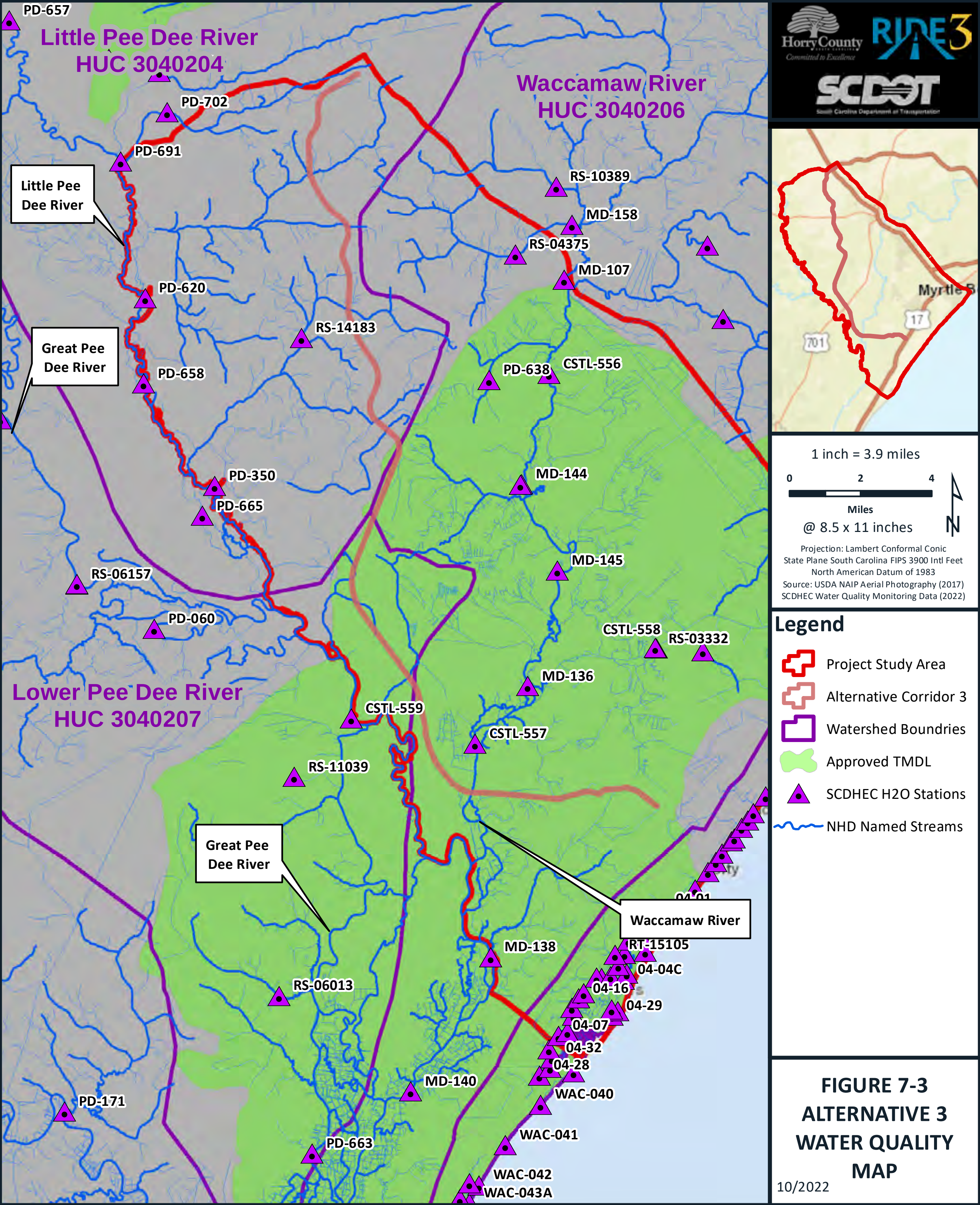


FIGURE 7-3
ALTERNATIVE 3
WATER QUALITY
MAP

10/2022

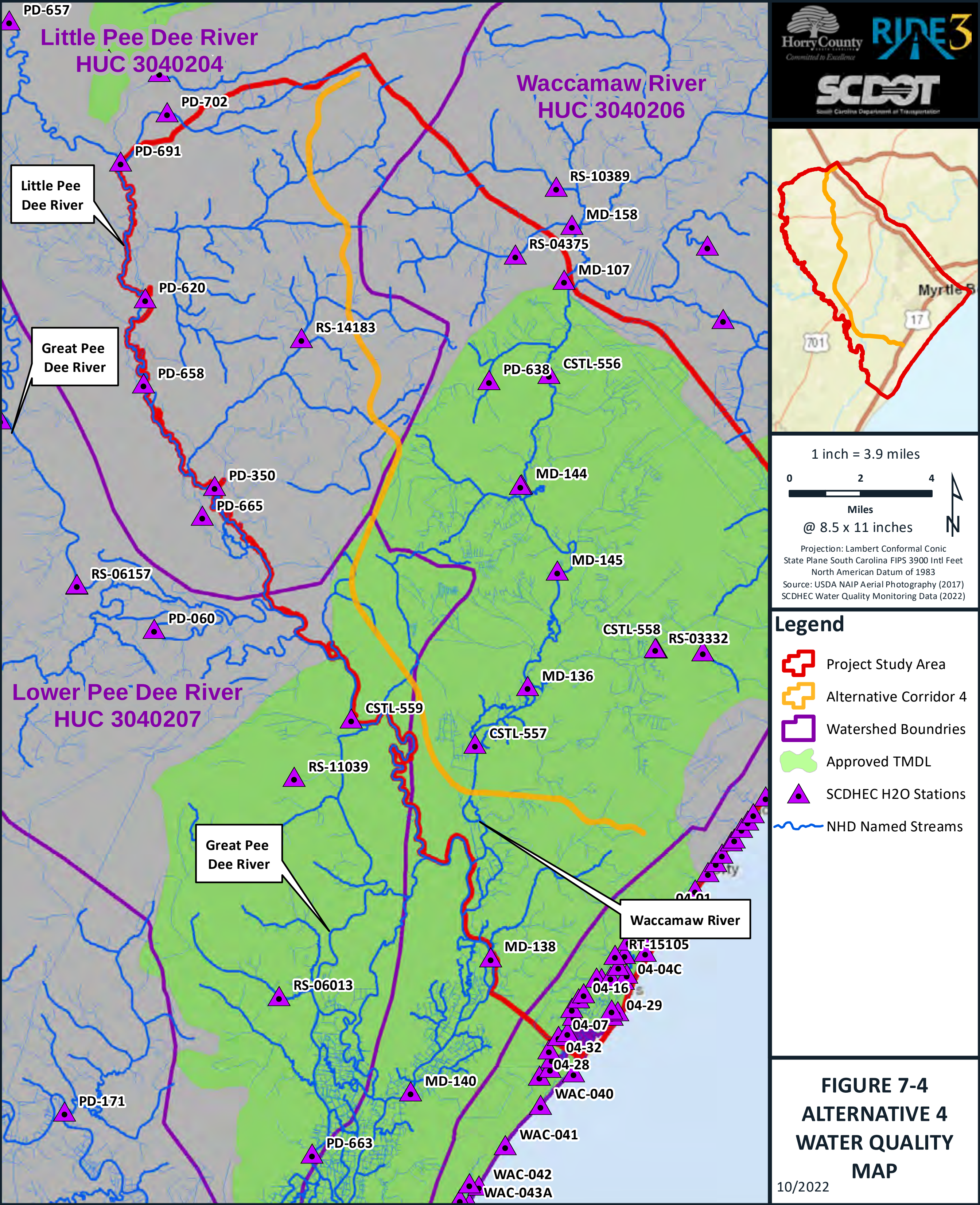


FIGURE 7-4
ALTERNATIVE 4
WATER QUALITY
MAP

10/2022

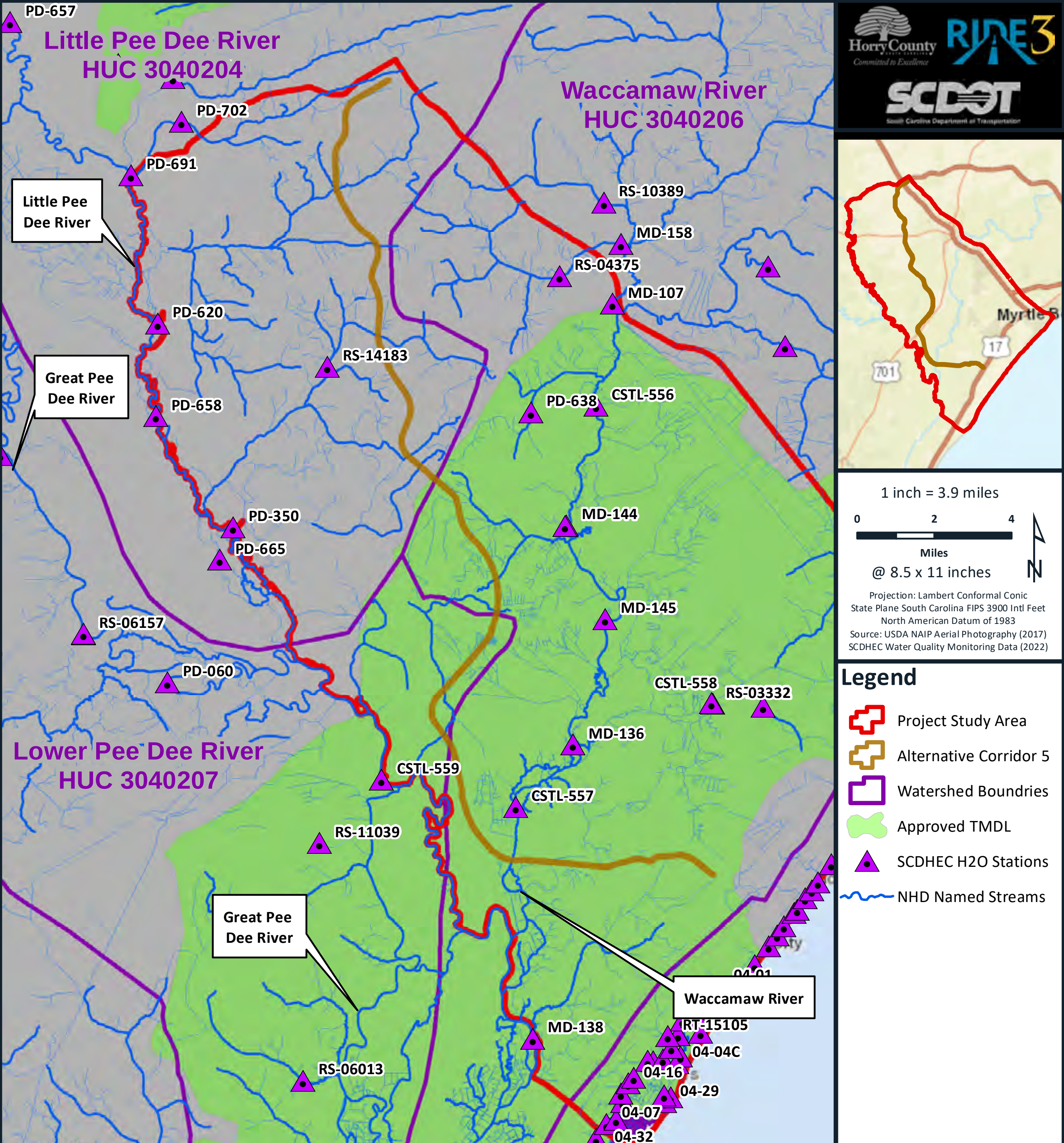


FIGURE 7-5
ALTERNATIVE 5
WATER QUALITY
MAP

10/2022

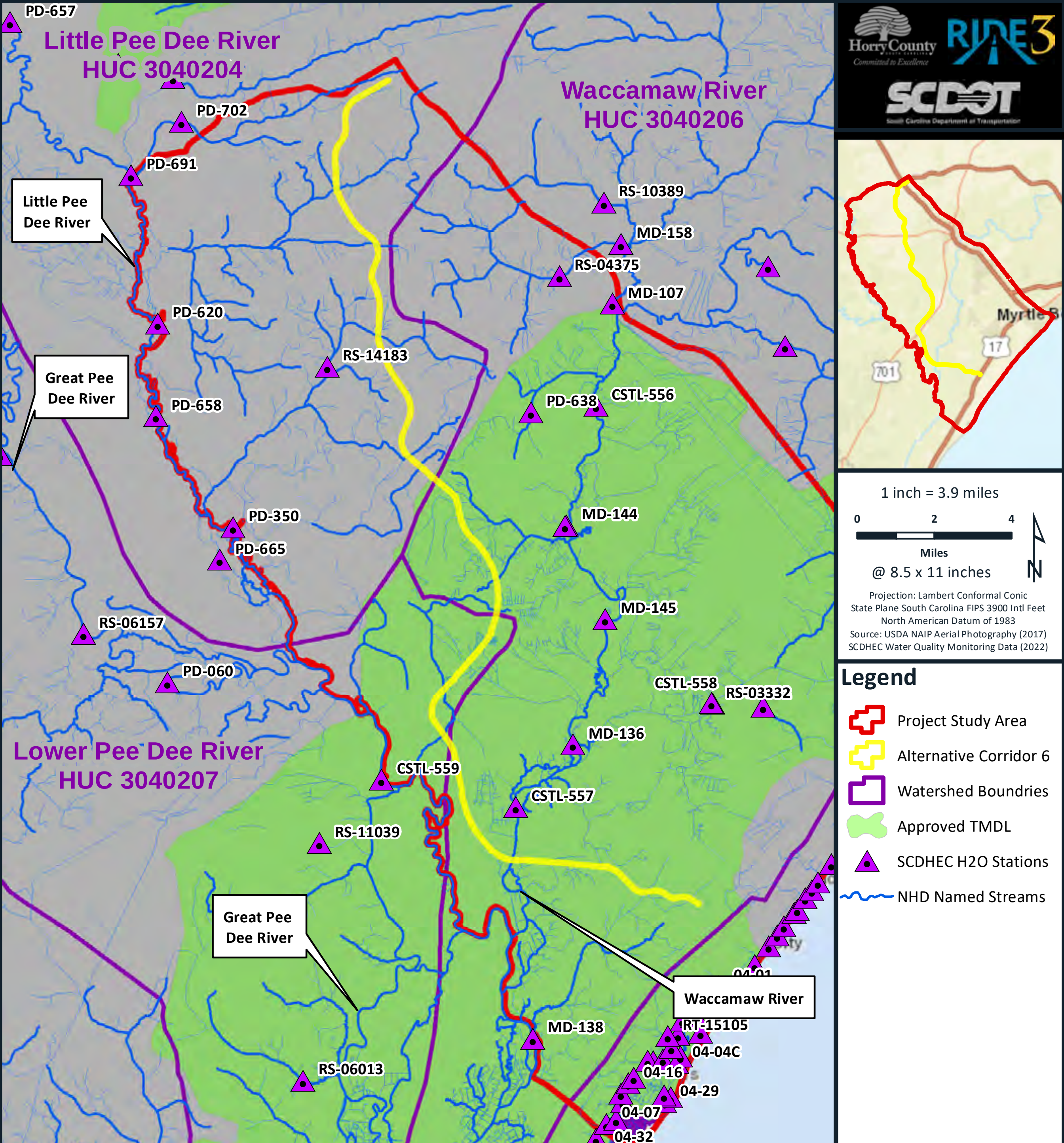


FIGURE 7-6
ALTERNATIVE 6
WATER QUALITY
MAP

10/2022

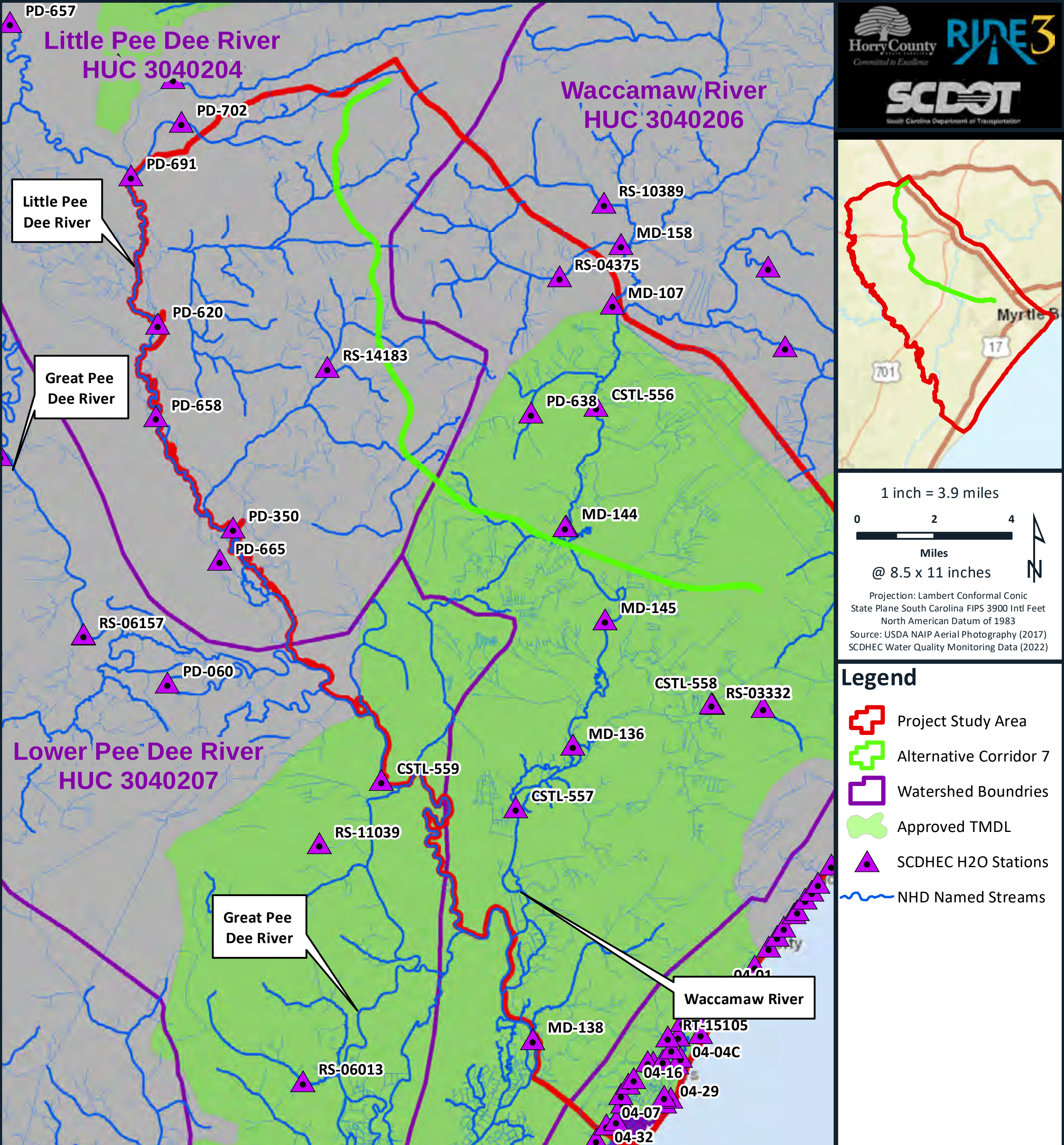


FIGURE 7-7
ALTERNATIVE 7
WATER QUALITY
MAP

10/2022

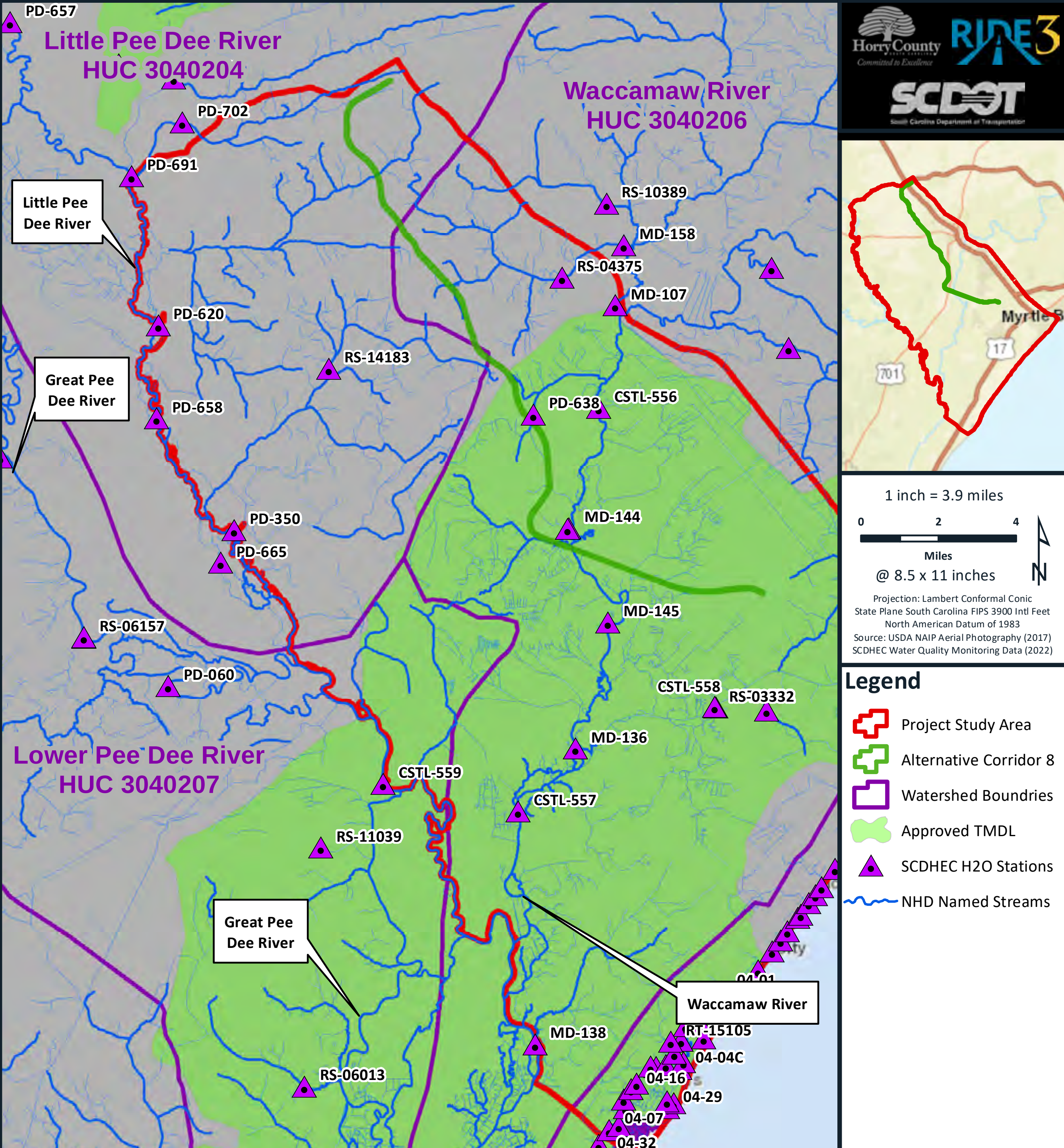


FIGURE 7-8
ALTERNATIVE 8
WATER QUALITY
MAP

10/2022

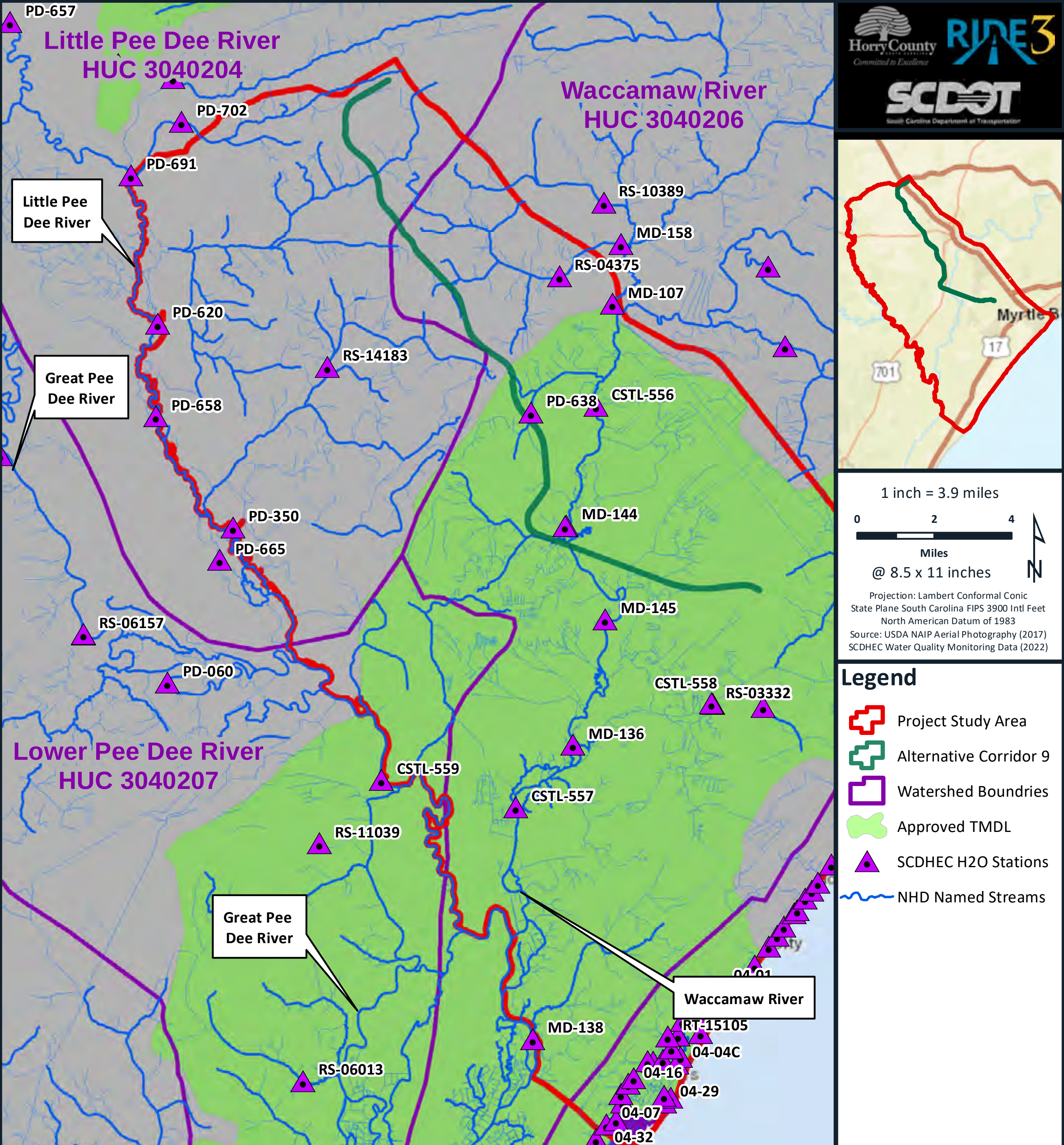


FIGURE 7-9 ALTERNATIVE 9 WATER QUALITY MAP

10/2022

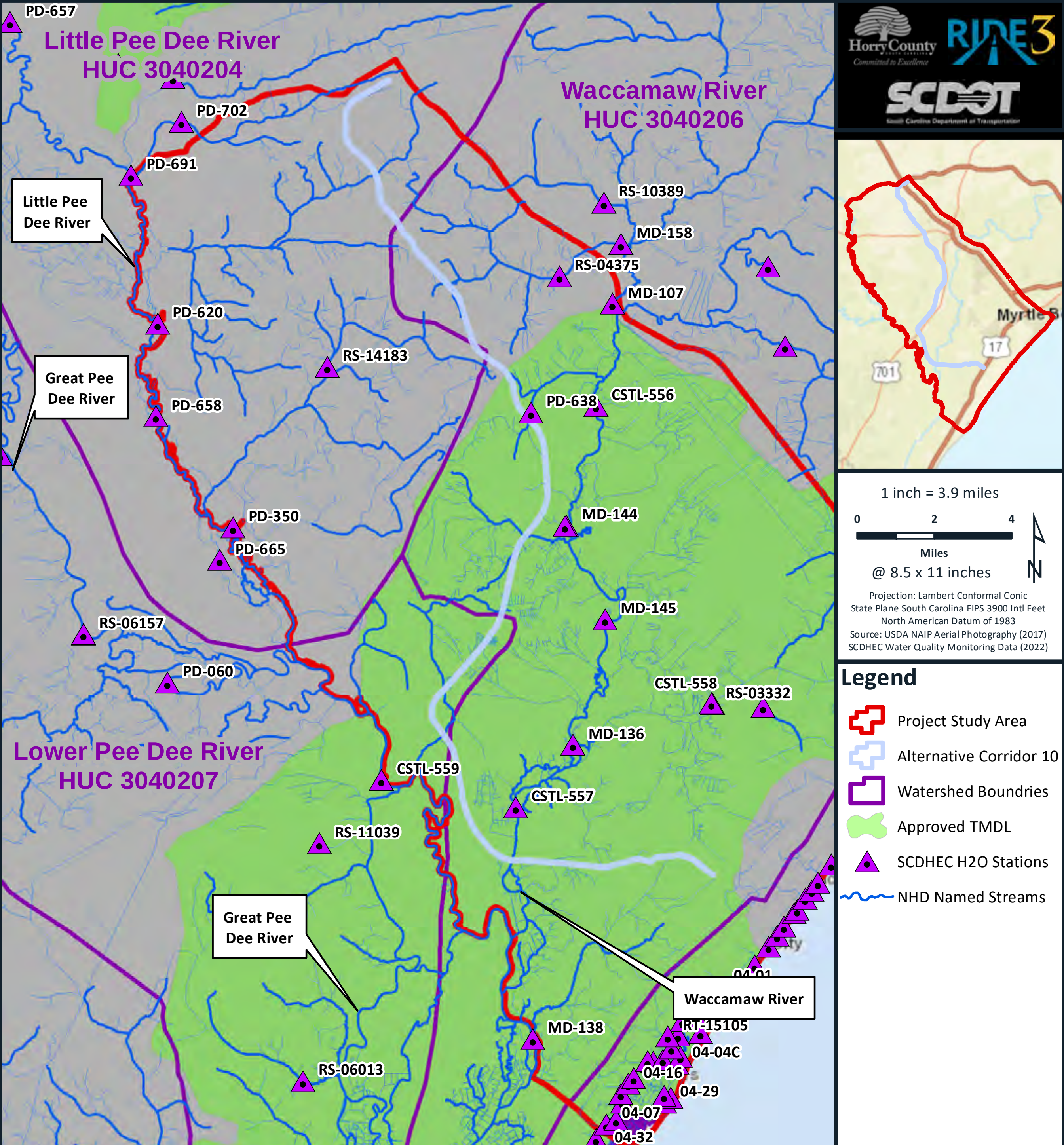
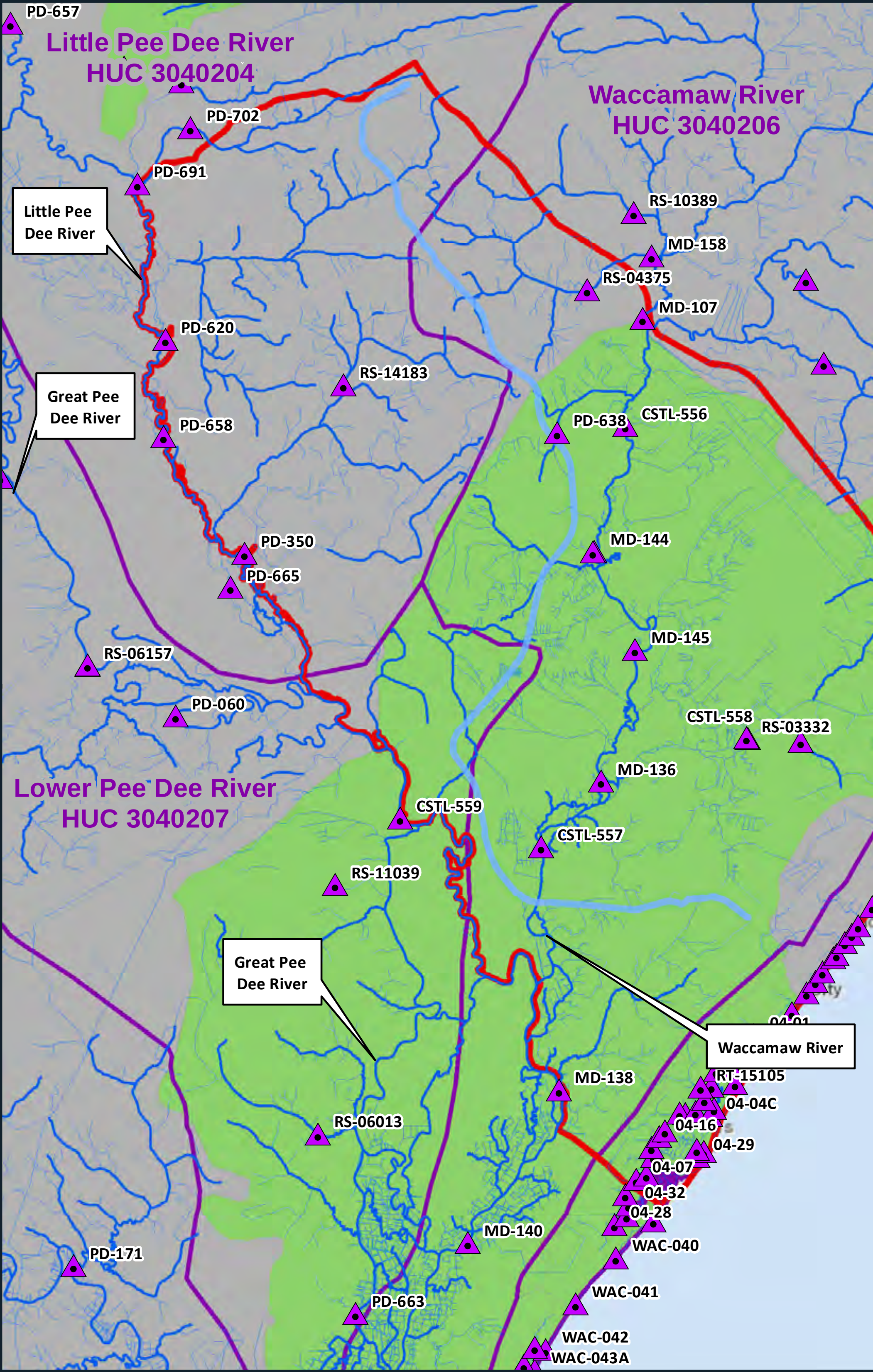
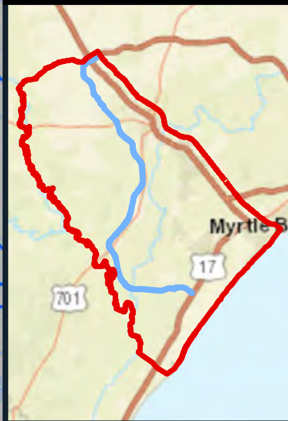


FIGURE 7-10
ALTERNATIVE 10
WATER QUALITY
MAP

10/2022





1 inch = 3.9 miles

0 2 4

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)
SCDHEC Water Quality Monitoring Data (2022)

Legend

- Project Study Area
- Alternative Corridor 11
- Watershed Boundries
- Approved TMDL
- SCDHEC H2O Stations
- NHD Named Streams

FIGURE 7-11
ALTERNATIVE 11
WATER QUALITY
MAP

10/2022

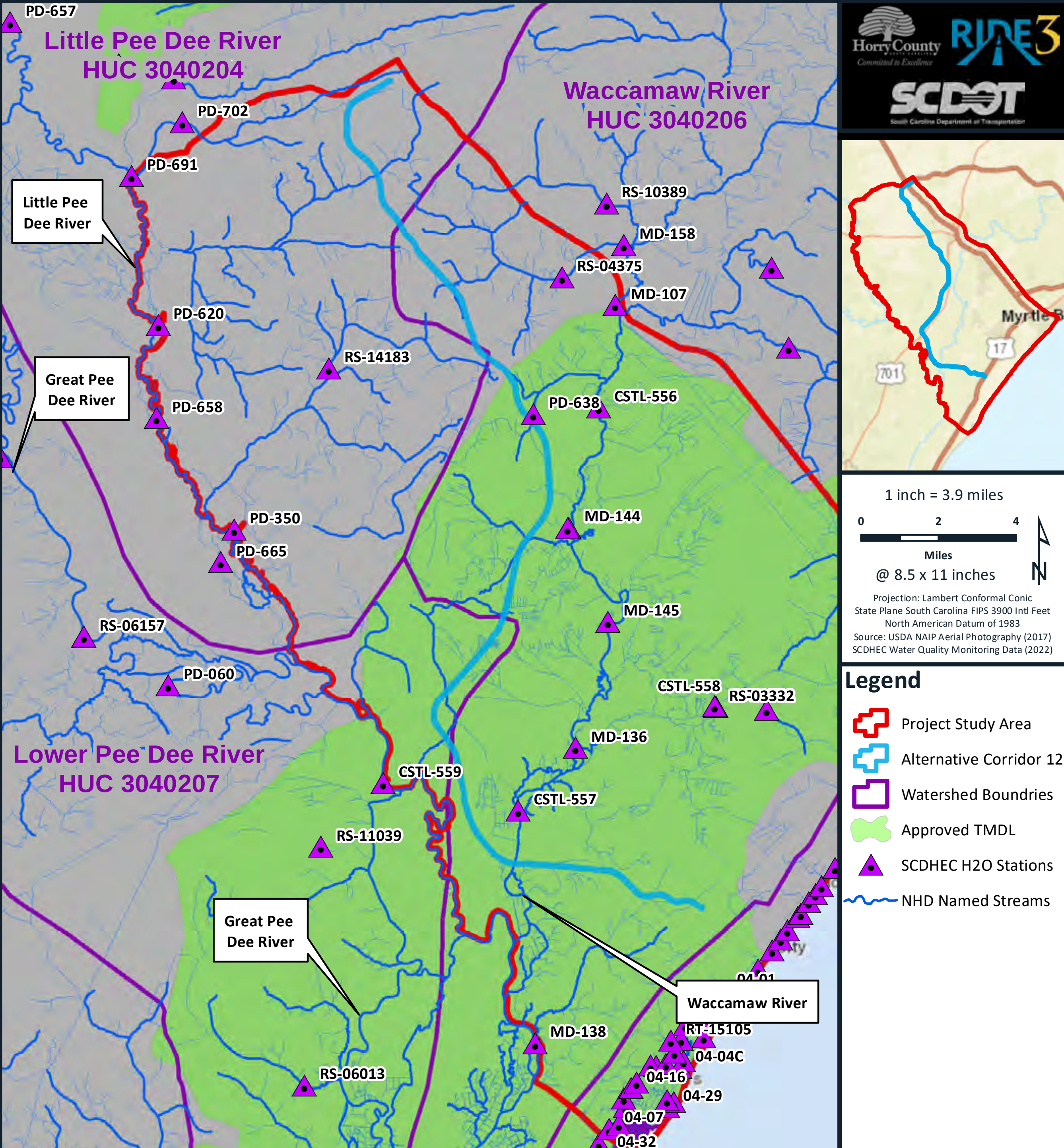
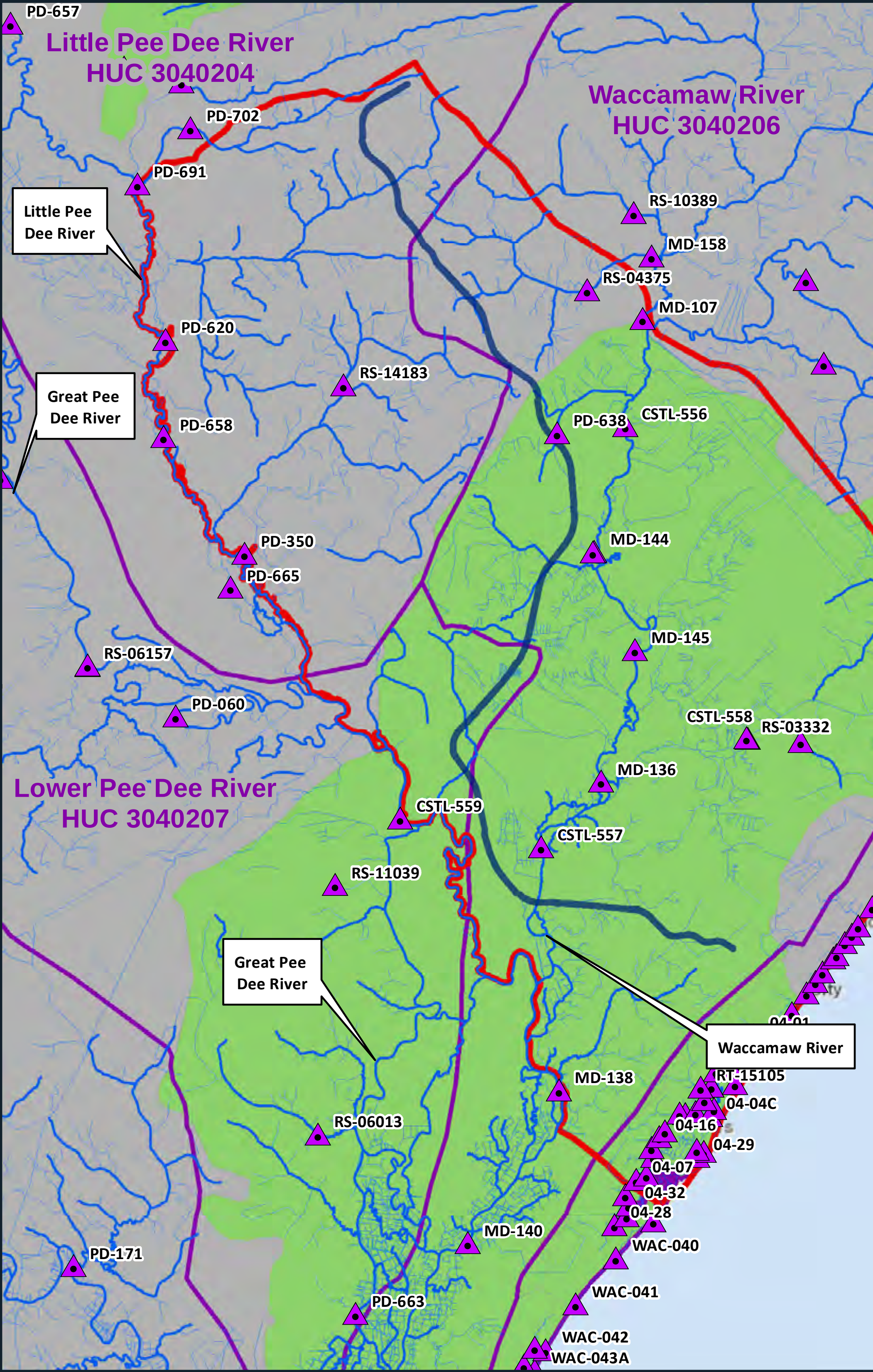


FIGURE 7-12
ALTERNATIVE 12
WATER QUALITY
MAP

10/2022



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1 inch = 3.9 miles

0 2 4

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)
SCDHEC Water Quality Monitoring Data (2022)

Legend

- Project Study Area
- Alternative Corridor 13
- Watershed Boundries
- Approved TMDL
- SCDHEC H2O Stations
- NHD Named Streams

FIGURE 7-13
ALTERNATIVE 13
WATER QUALITY MAP

10/2022

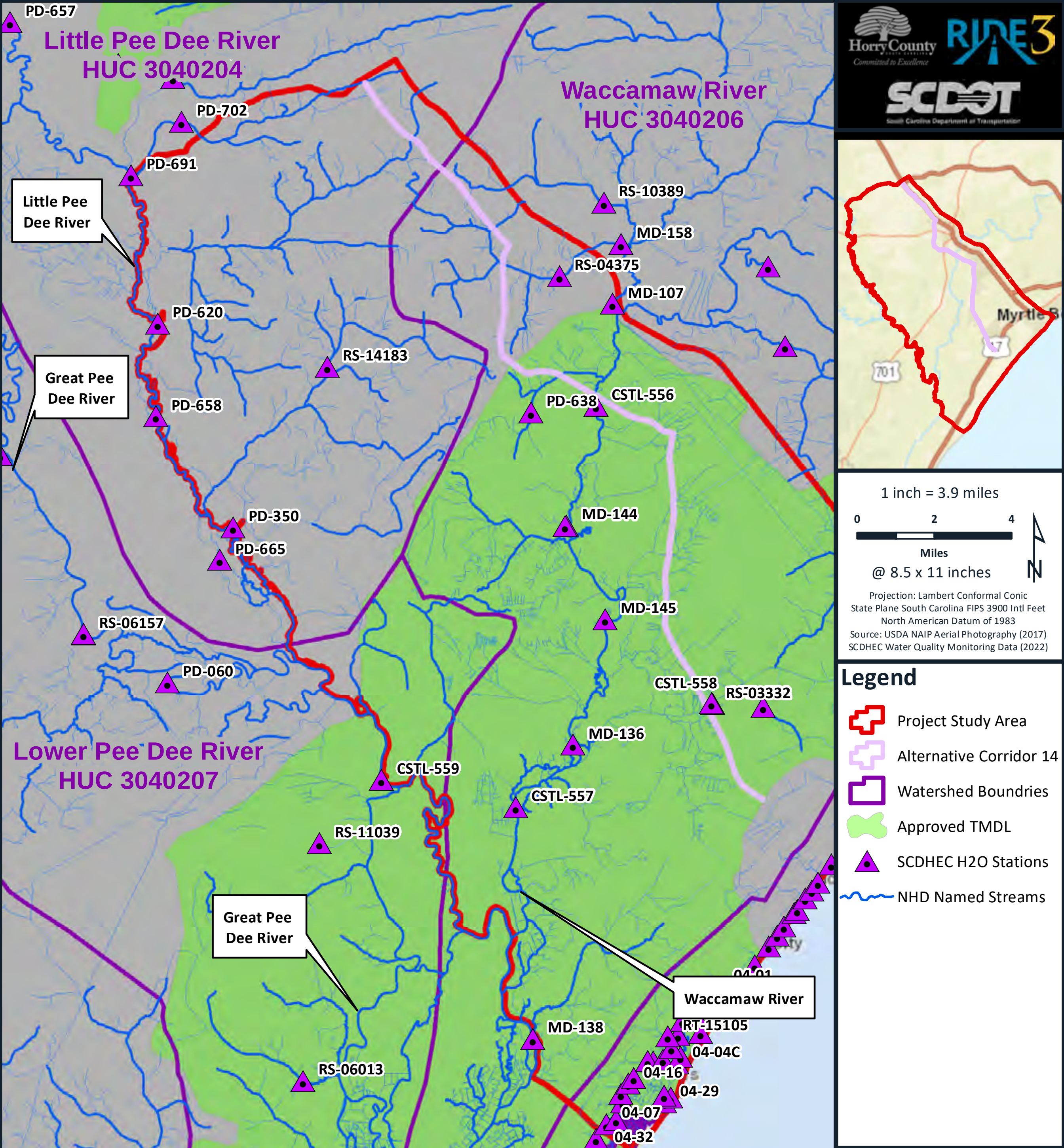


FIGURE 7-14
ALTERNATIVE 14
WATER QUALITY
MAP

10/2022

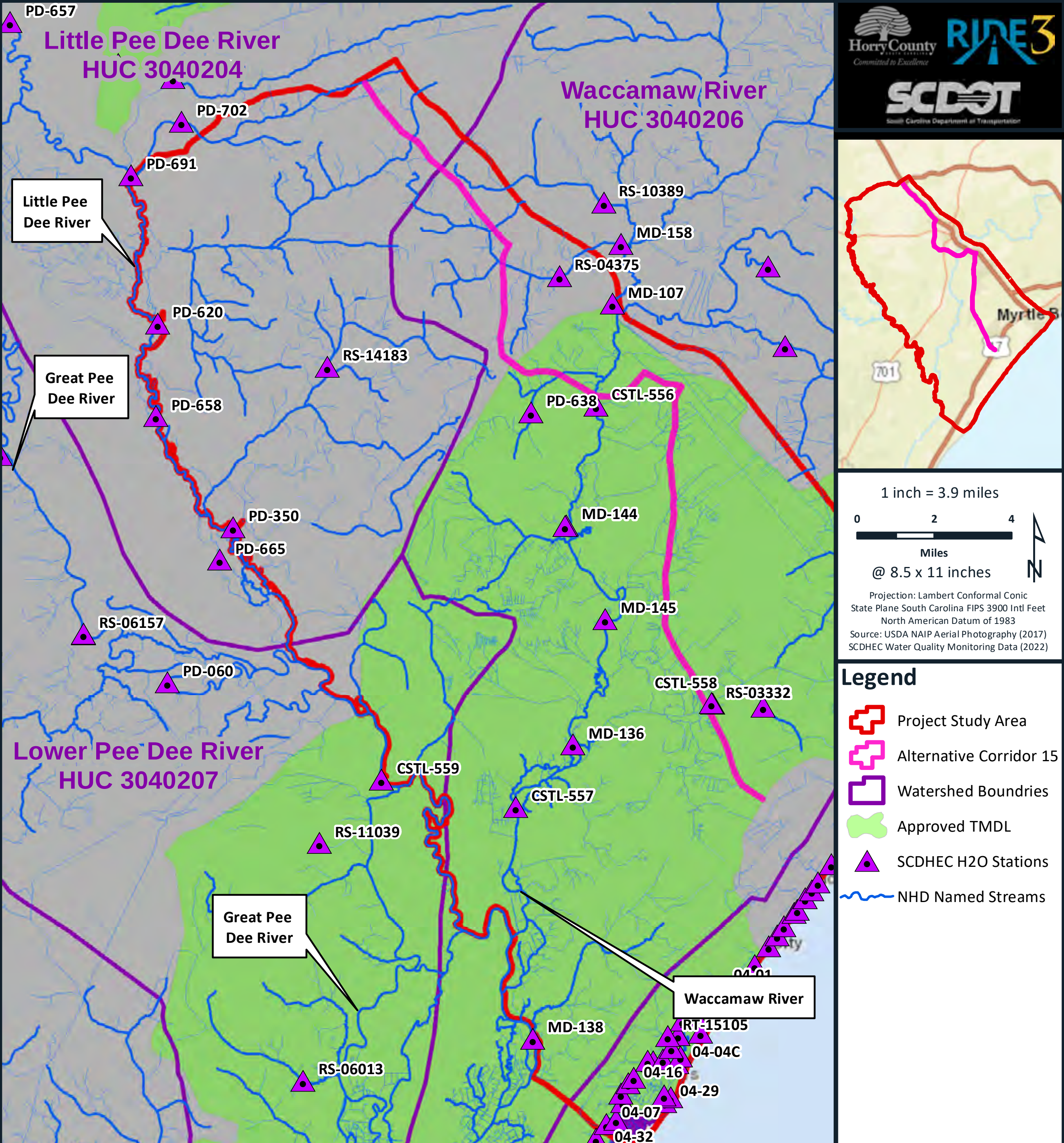


FIGURE 7-15 ALTERNATIVE 15 WATER QUALITY MAP

10/2022

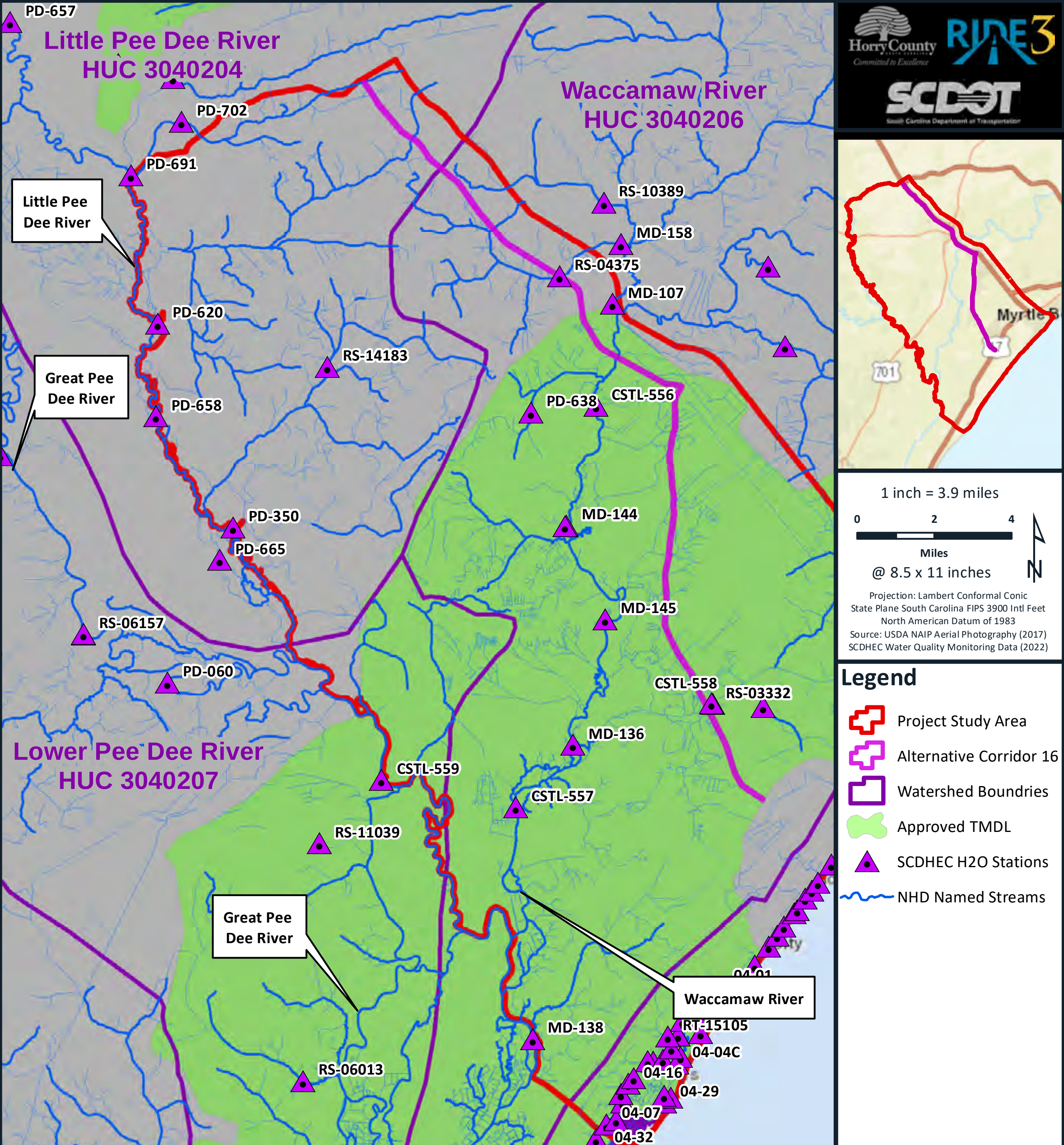
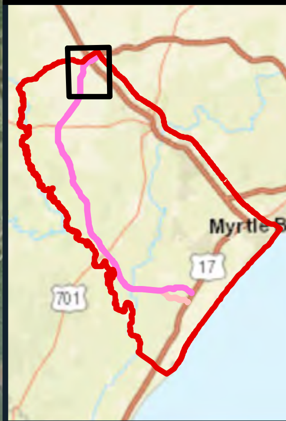


FIGURE 7-16
ALTERNATIVE 16
WATER QUALITY
MAP

10/2022



1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 1
- Alternative Corridor 2
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8a-1
ALTERNATIVES 1 & 2
FEMA MAP

10/2022

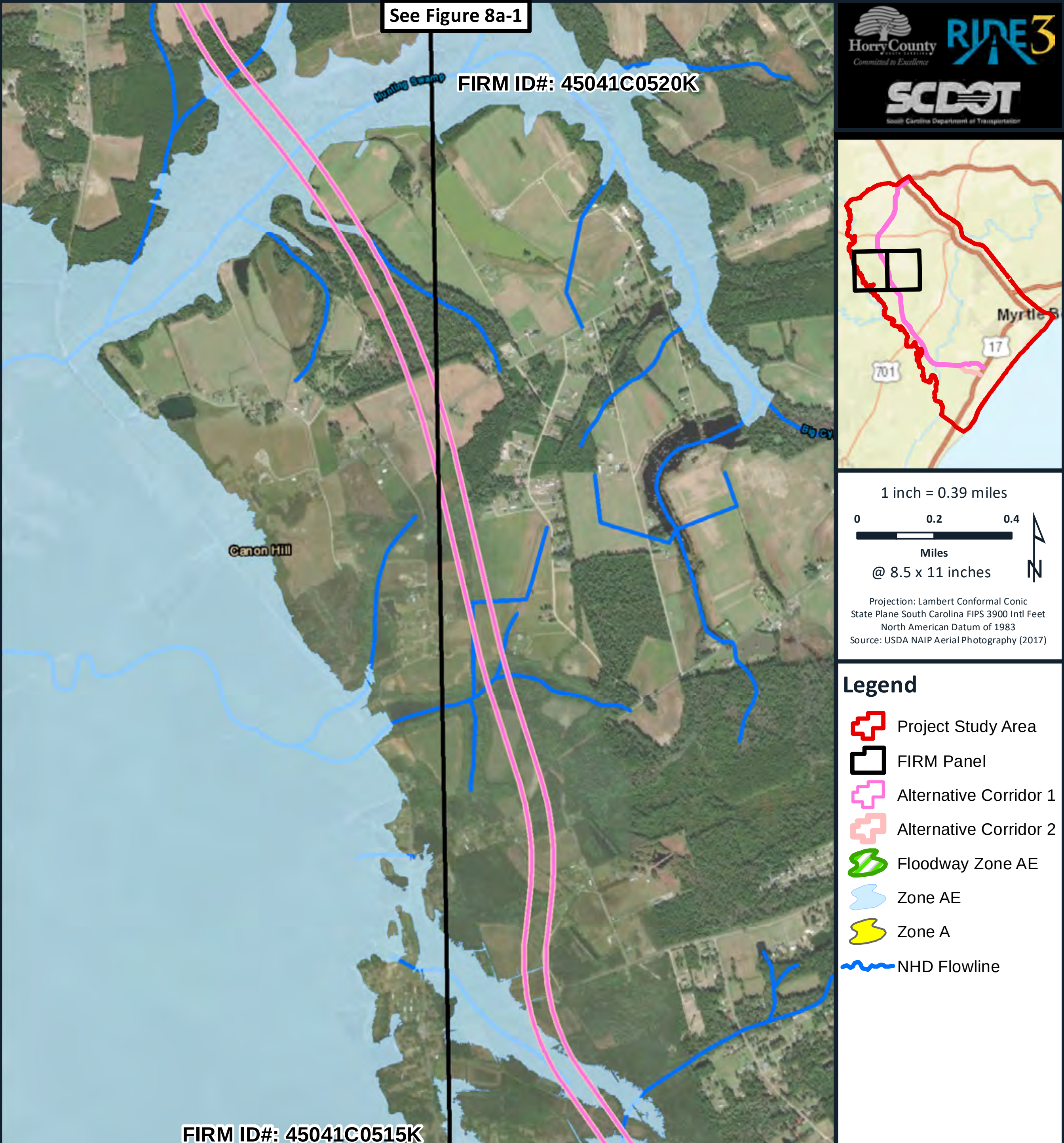
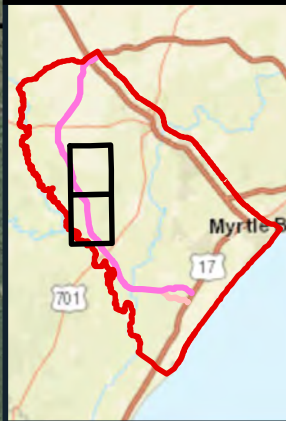


Figure 8a-2
ALTERNATIVES 1 & 2
FEMA MAP

10/2022



1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

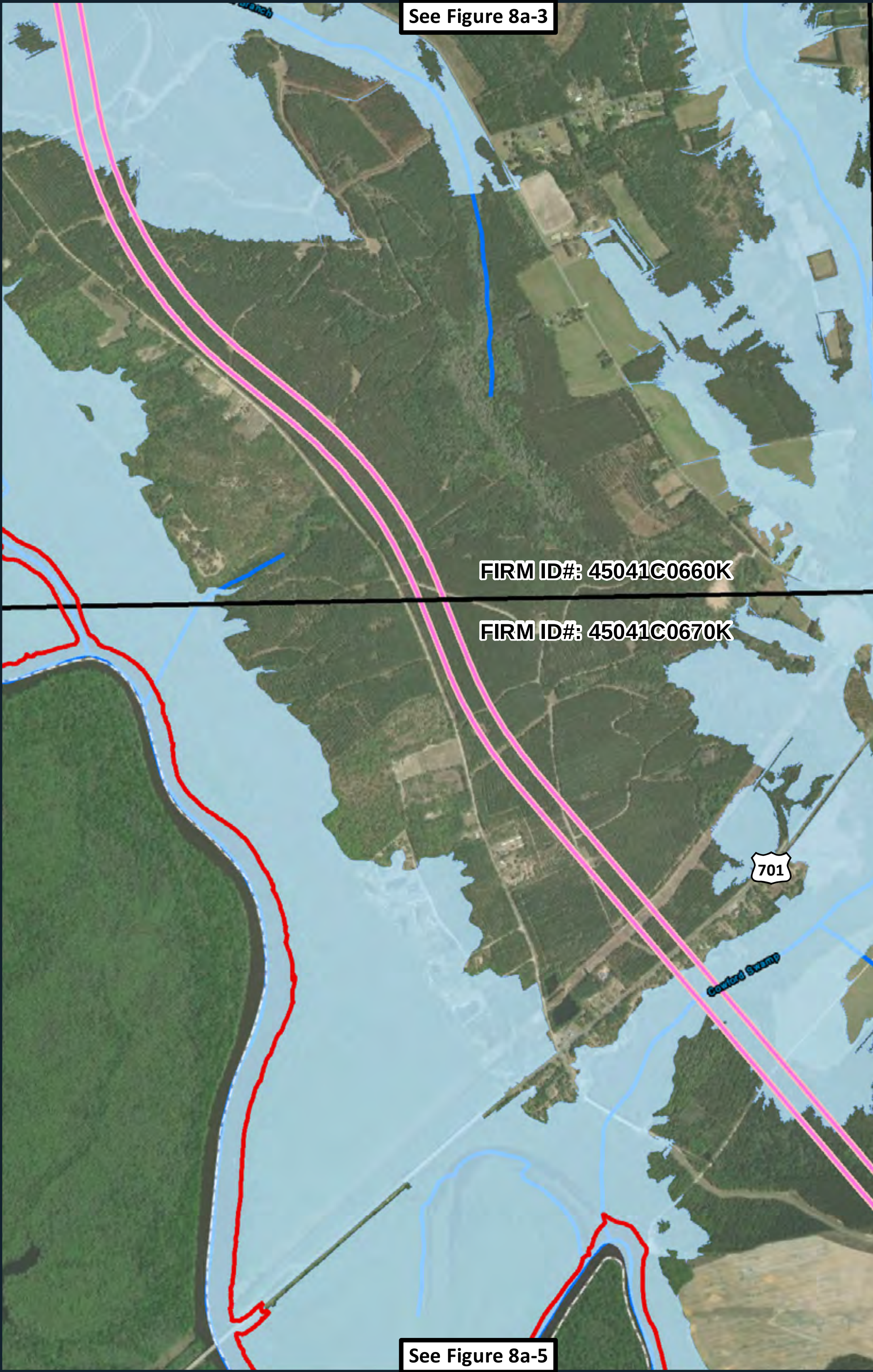
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

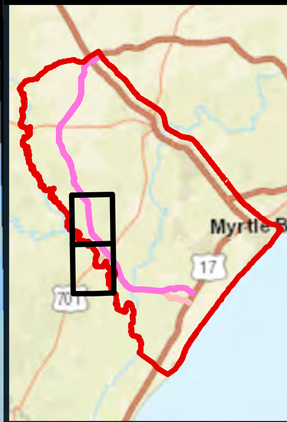
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 1
- Alternative Corridor 2
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8a-3
ALTERNATIVES 1 & 2
FEMA MAP

10/2022





1 inch = 0.39 miles

0 0.2 0.4
Miles
@ 8.5 x 11 inches

N

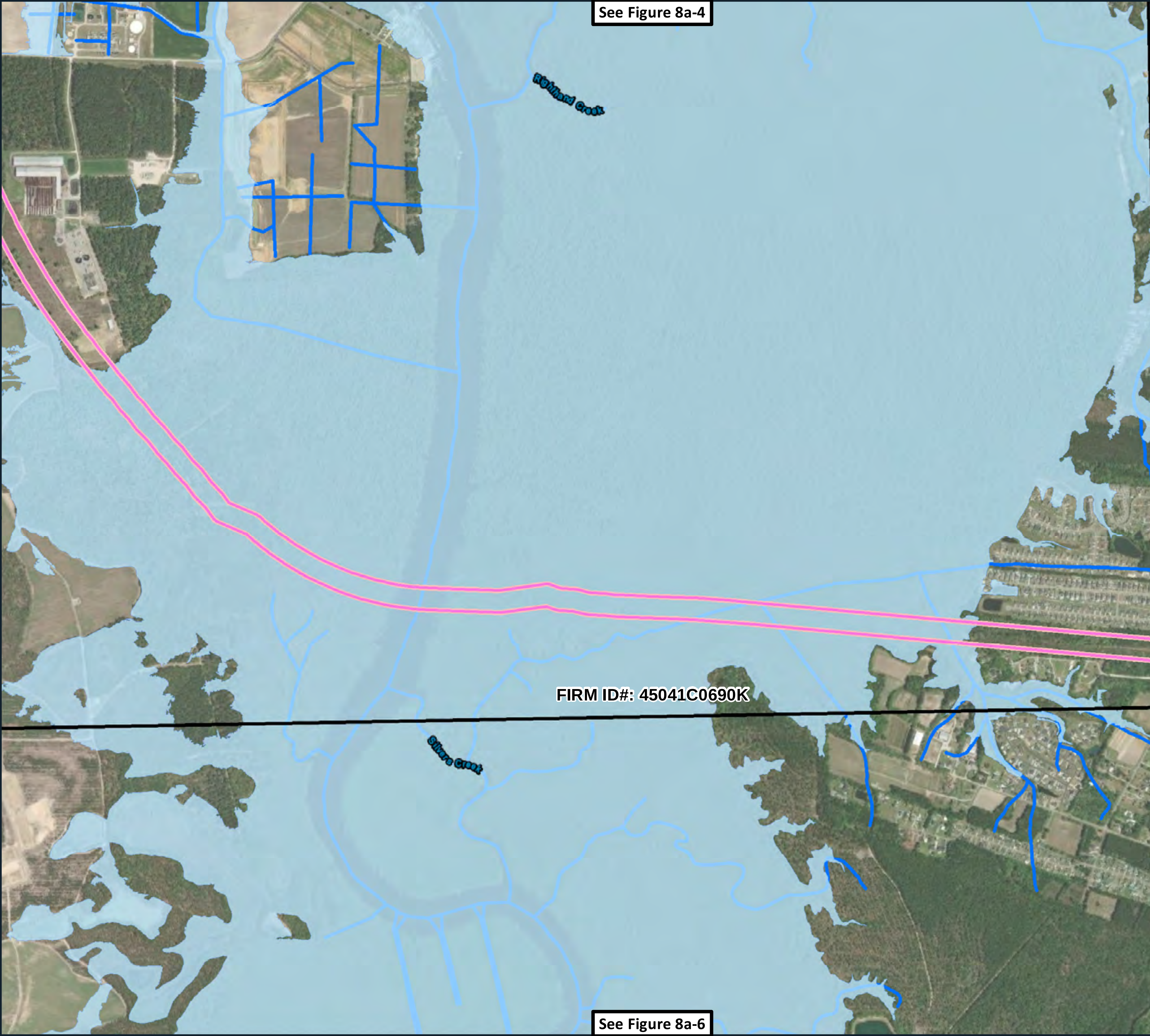
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

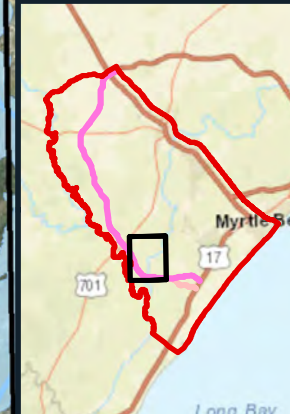
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 1
- Alternative Corridor 2
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8a-4
ALTERNATIVES 1 & 2
FEMA MAP

10/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

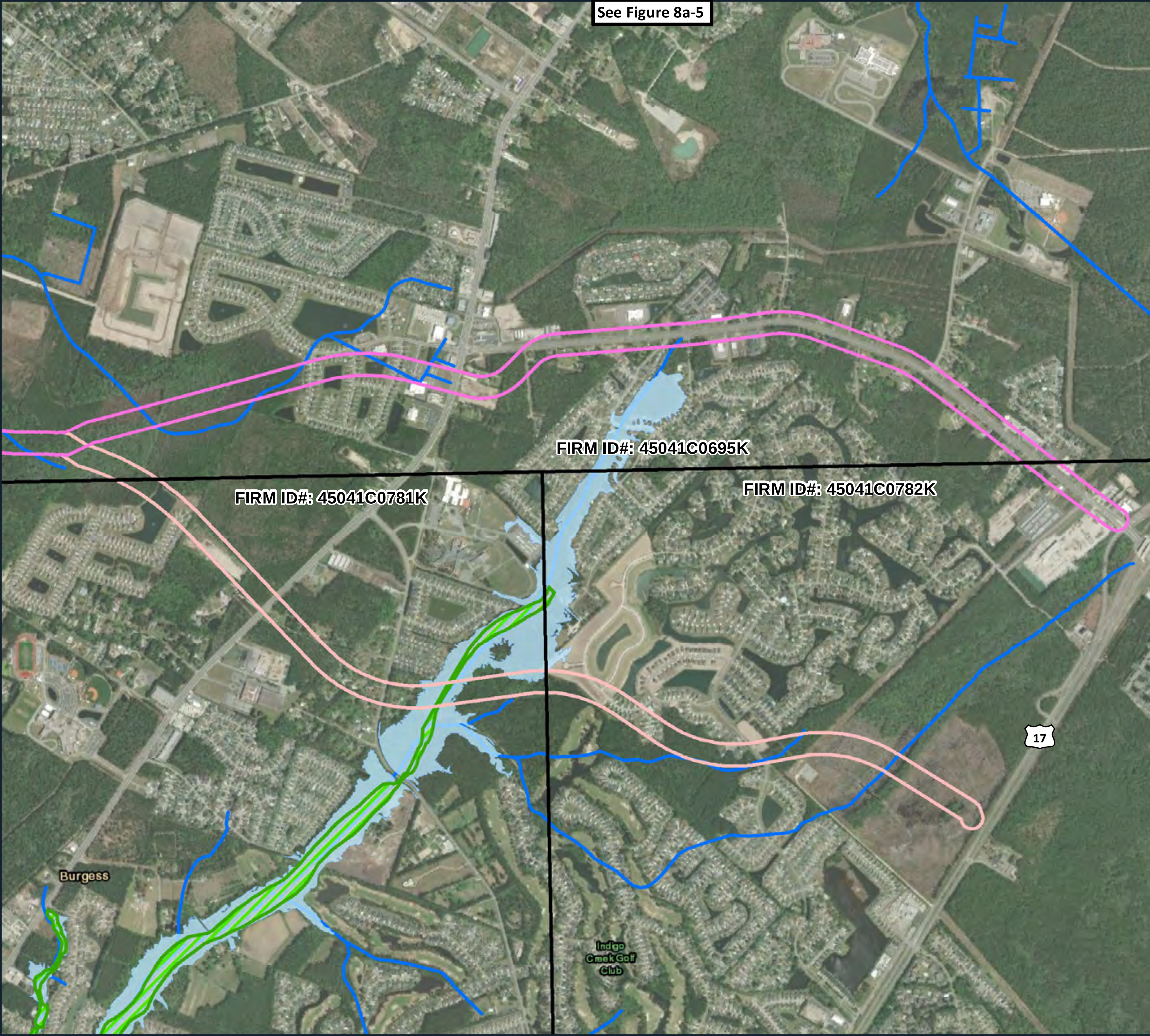
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

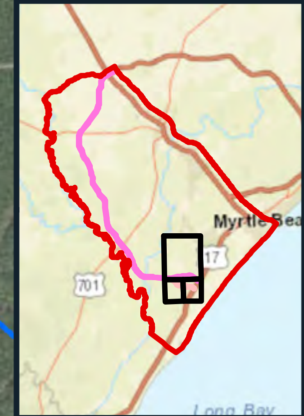
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 1
- Alternative Corridor 2
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8a-5
ALTERNATIVES 1 & 2
FEMA MAP

10/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 1
- Alternative Corridor 2
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8a-6
ALTERNATIVES 1 & 2
FEMA MAP

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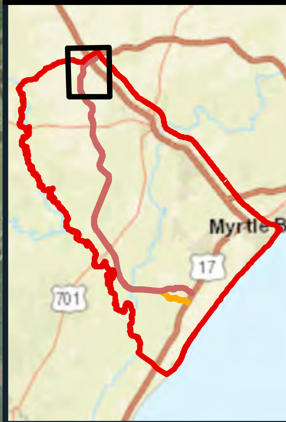
See Figure 8b-2



1 inch = 0.39 miles

0 0.2 0.4
Miles
@ 8.5 x 11 inches

N

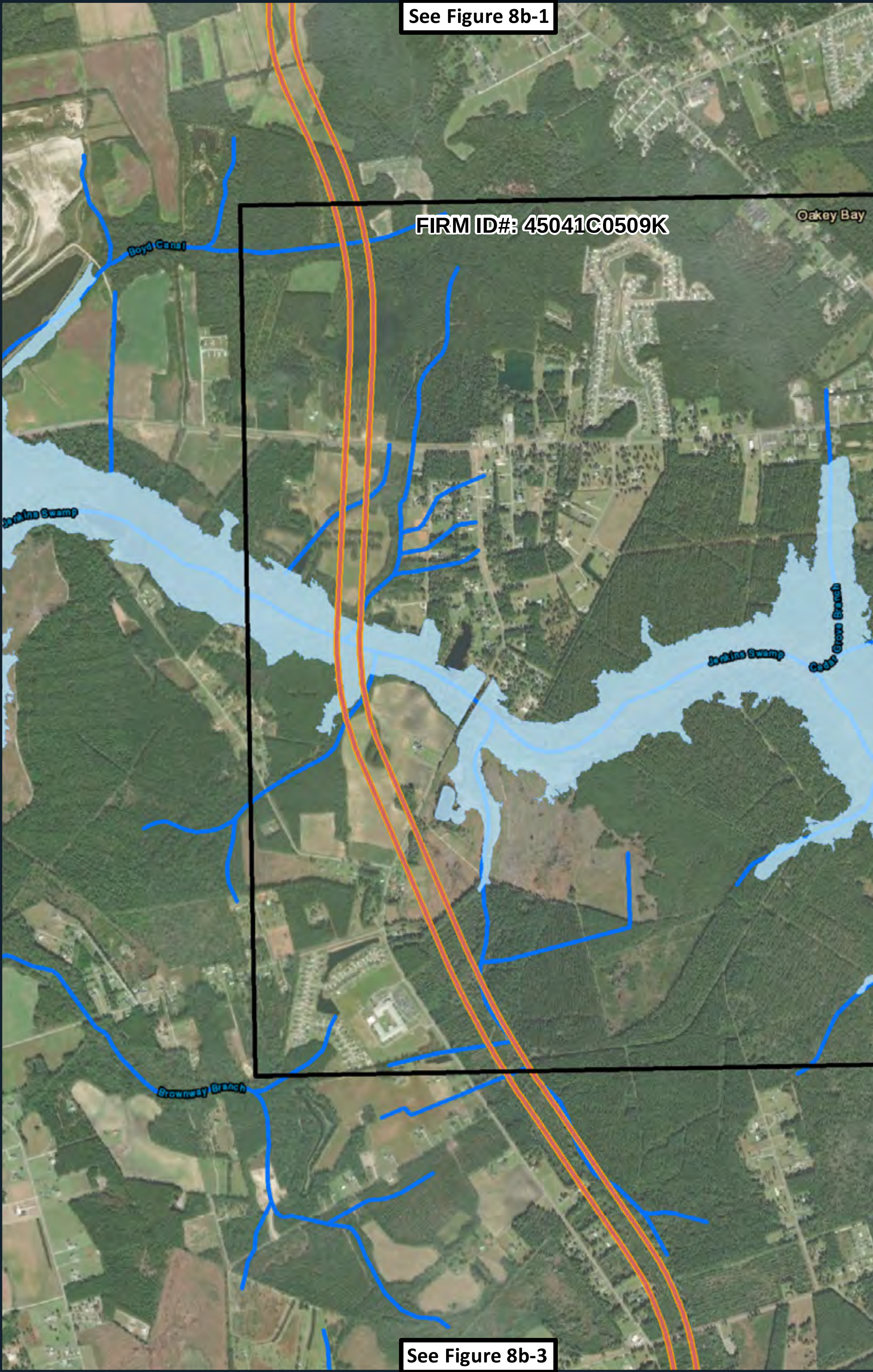
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 3
- Alternative Corridor 4
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8b-1
ALTERNATIVES 3 & 4
FEMA MAP

10/2022



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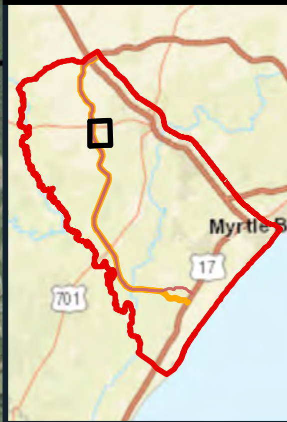


1 inch = 0.39 miles

0 0.2 0.4
Miles
@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

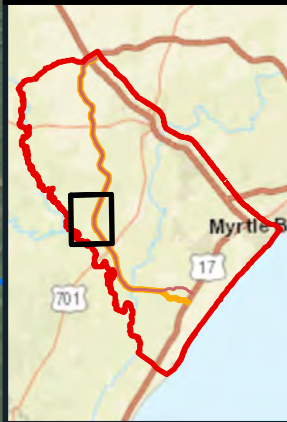
- Project Study Area
- FIRM Panel
- Alternative Corridor 3
- Alternative Corridor 4
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8b-2
ALTERNATIVES 3 & 4
FEMA MAP

10/2022

See Figure 8b-2

See Figure 8b-4



1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

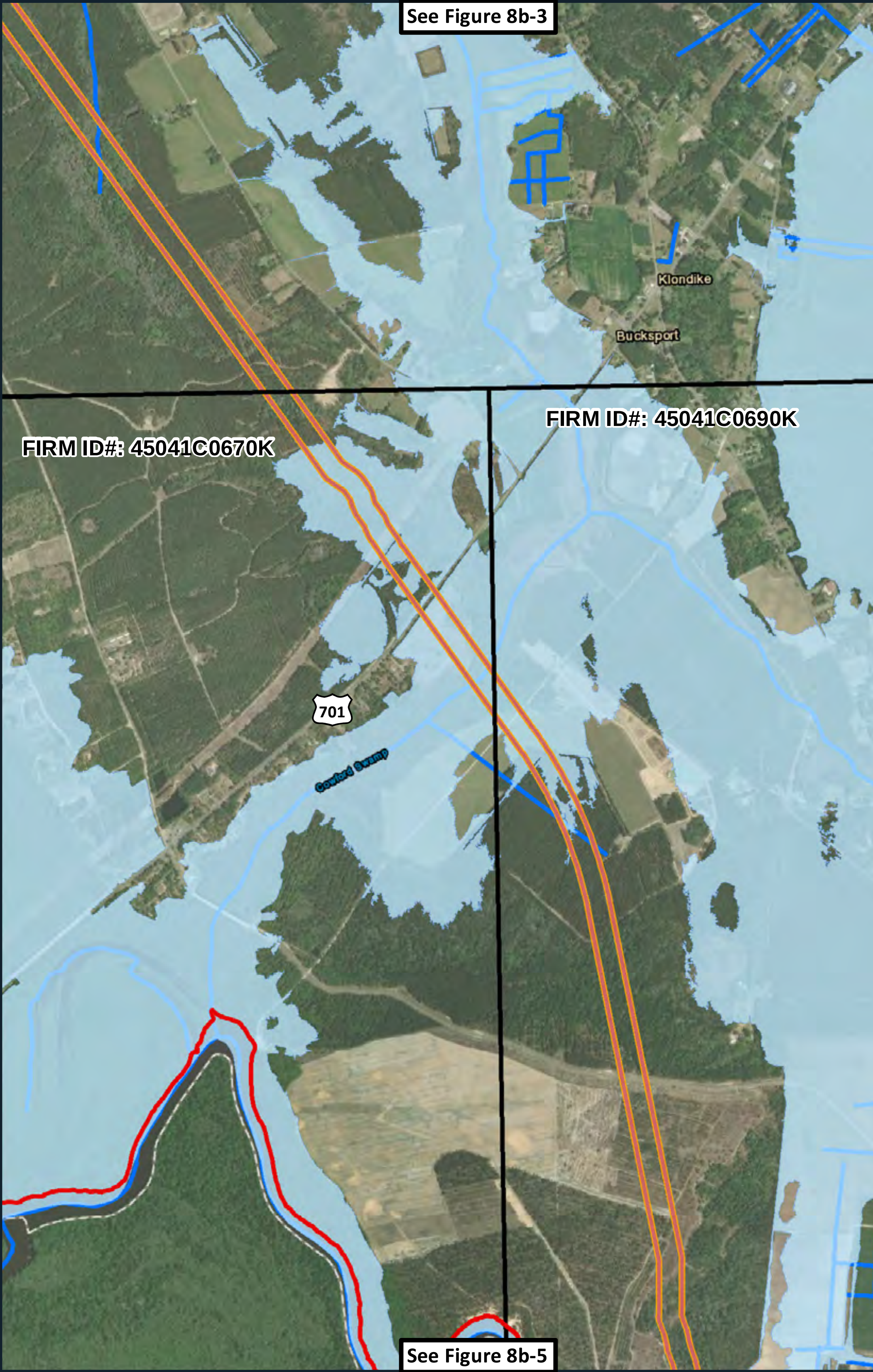
Legend

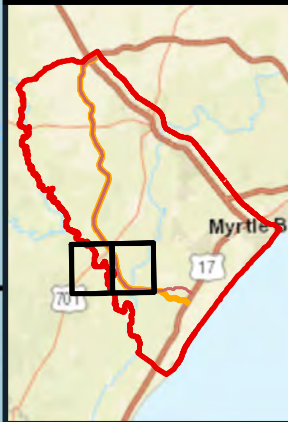
- Project Study Area
- FIRM Panel
- Alternative Corridor 3
- Alternative Corridor 4
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8b-3
ALTERNATIVES 3 & 4
FEMA MAP

10/2022

See Figure 8b-3





1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

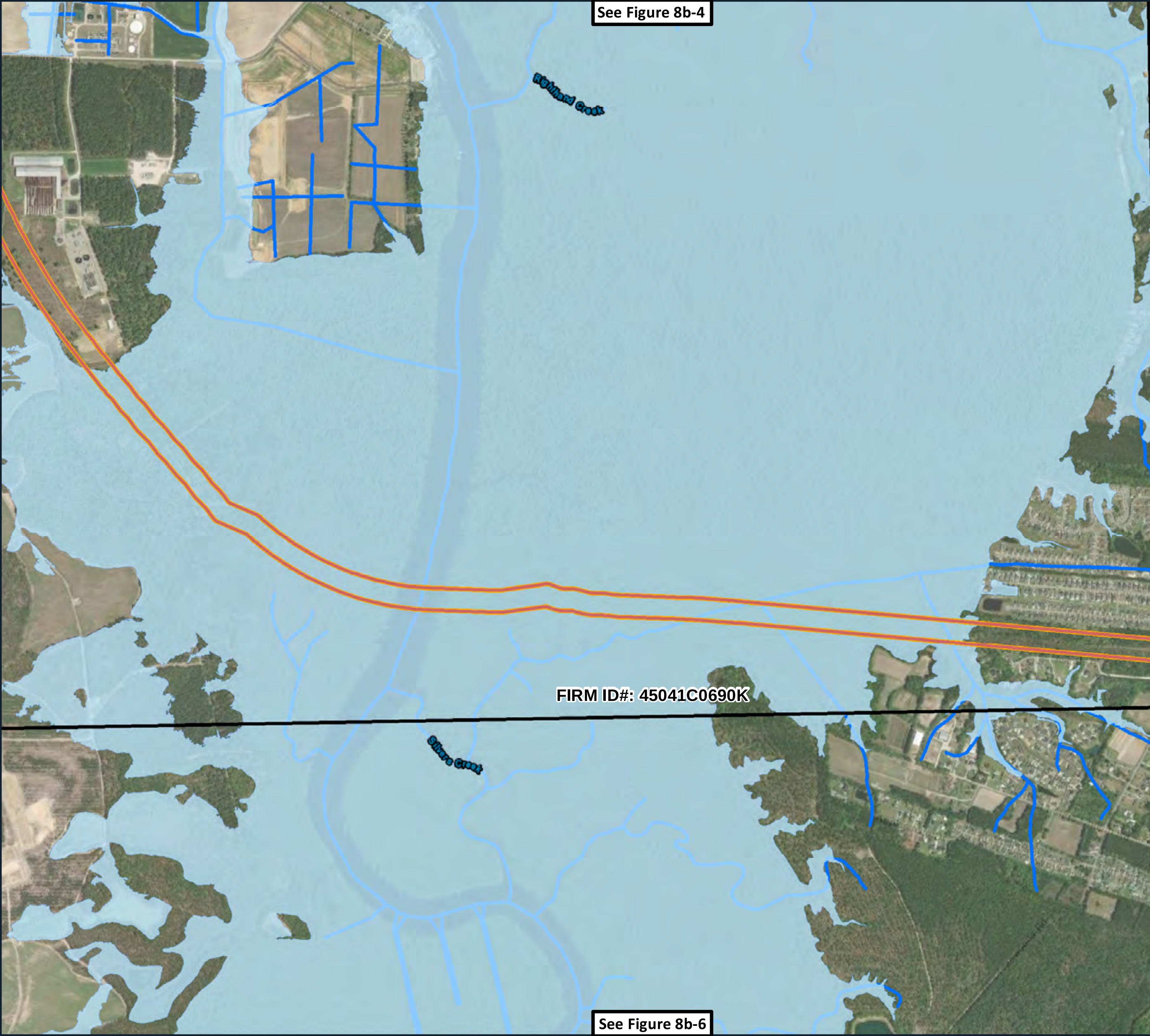
Legend

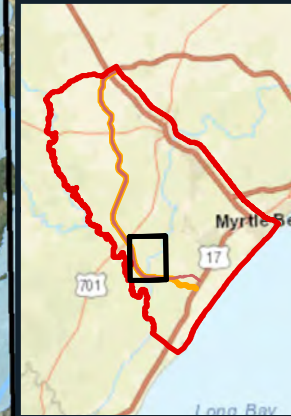
- Project Study Area
- FIRM Panel
- Alternative Corridor 3
- Alternative Corridor 4
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8b-4
ALTERNATIVES 3 & 4
FEMA MAP

10/2022

See Figure 8b-5





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

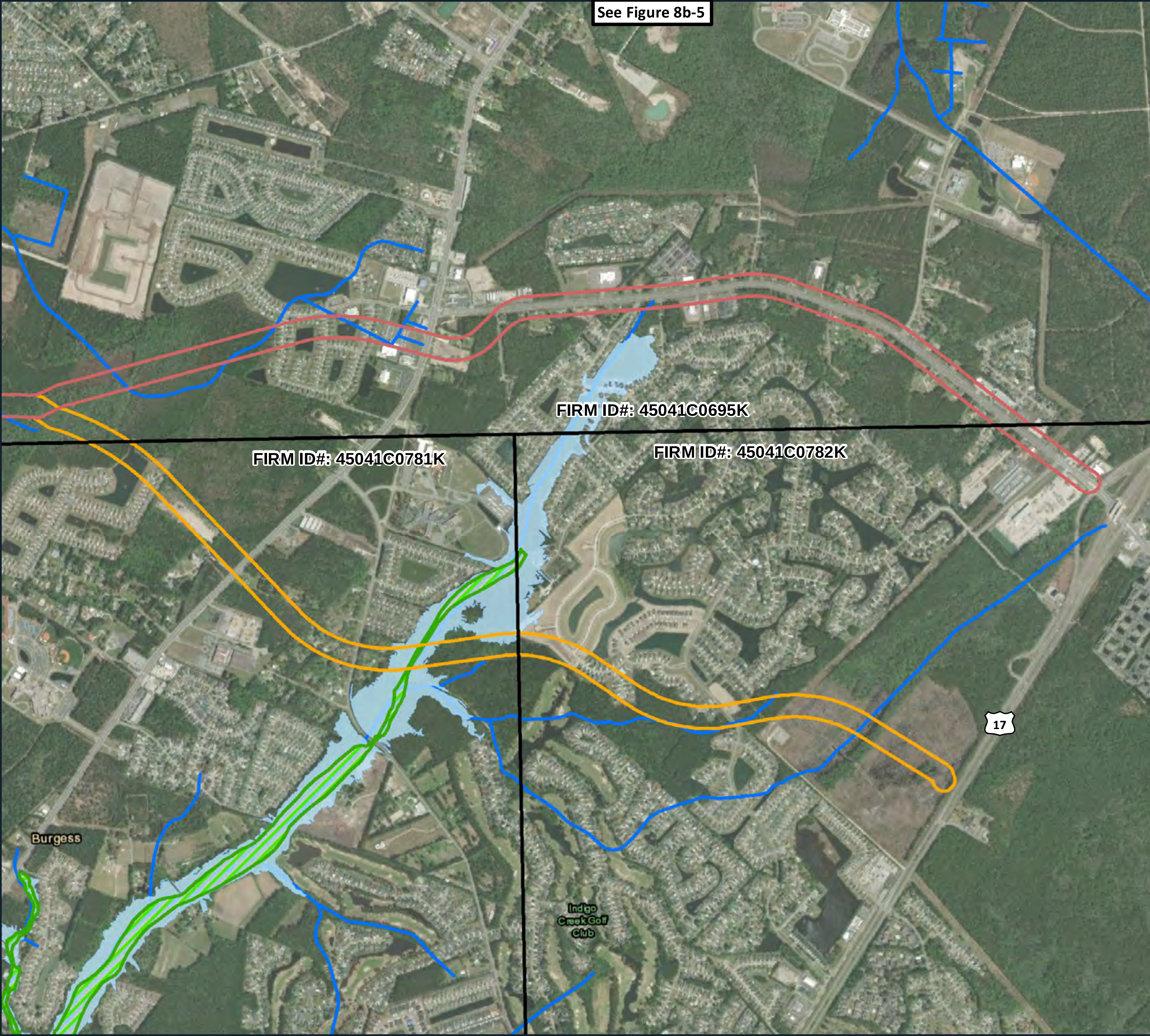
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 3
- Alternative Corridor 4
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8b-5
ALTERNATIVES 3 & 4
FEMA MAP

10/2022

See Figure 8b-5



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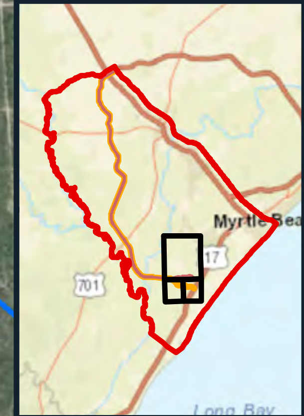


1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

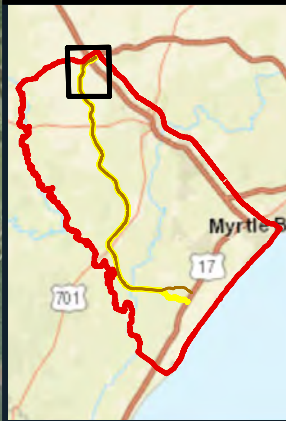
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 3
- Alternative Corridor 4
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8b-6
ALTERNATIVES 3 & 4
FEMA MAP

10/2022



1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

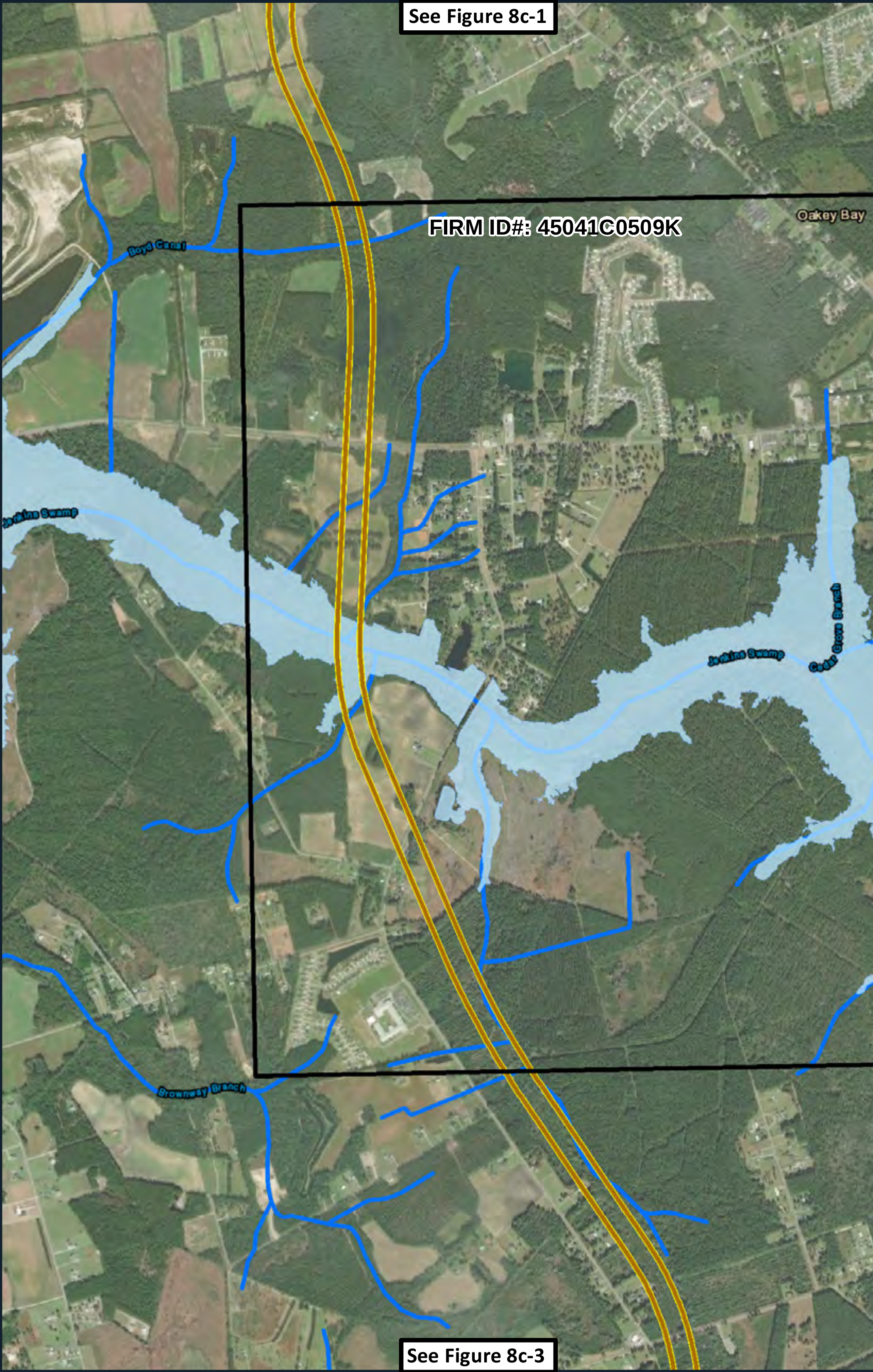
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

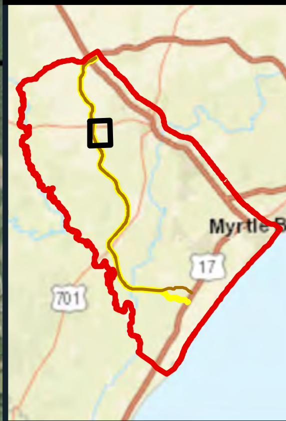
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 5
- Alternative Corridor 6
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8c-1
ALTERNATIVES 5 & 6
FEMA MAP

10/2022





1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

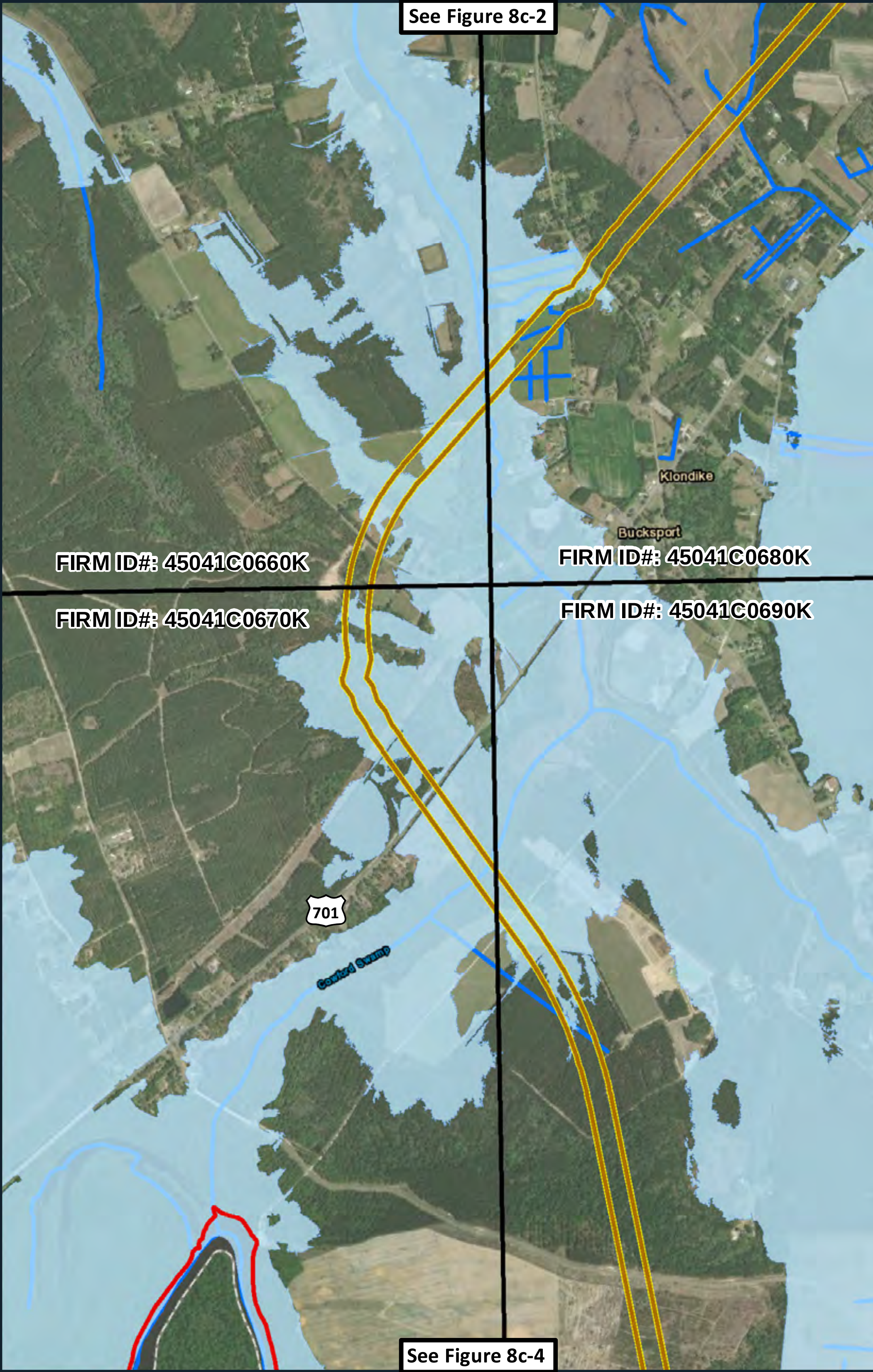
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

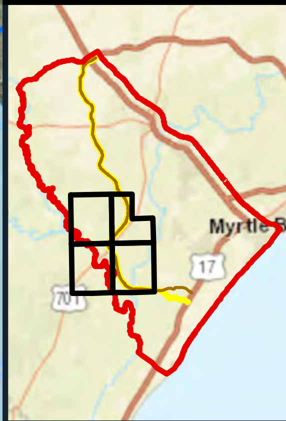
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 5
- Alternative Corridor 6
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8c-2
ALTERNATIVES 5 & 6
FEMA MAP

10/2022





1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

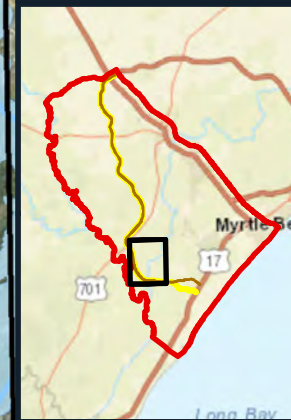
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 5
- Alternative Corridor 6
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8c-3
ALTERNATIVES 5 & 6
FEMA MAP

10/2022



1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

N

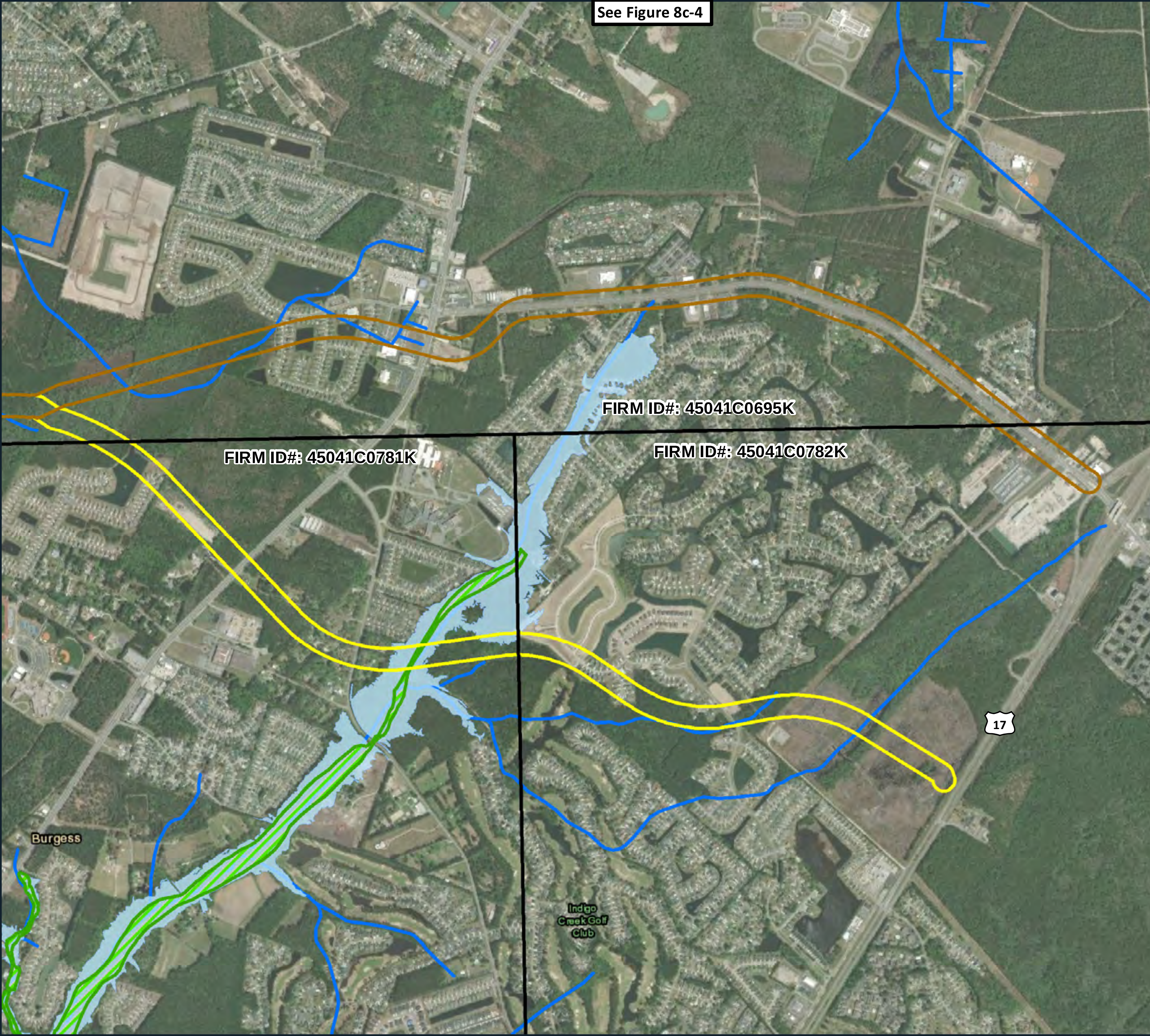
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 5
- Alternative Corridor 6
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8c-4
ALTERNATIVES 5 & 6
FEMA MAP

10/2022



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Myrtle Bea
701
17
Long Bay

1 inch = 0.32 miles

0 0.15 0.3
Miles

N

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

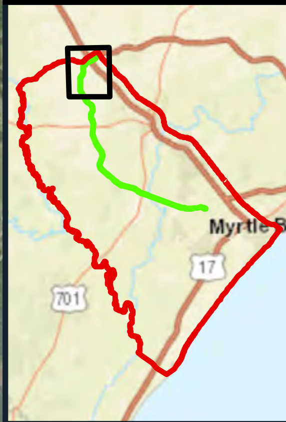
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 5
- Alternative Corridor 6
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8c-5
ALTERNATIVES 5 & 6
FEMA MAP

10/2022

See Figure 8d-2



1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

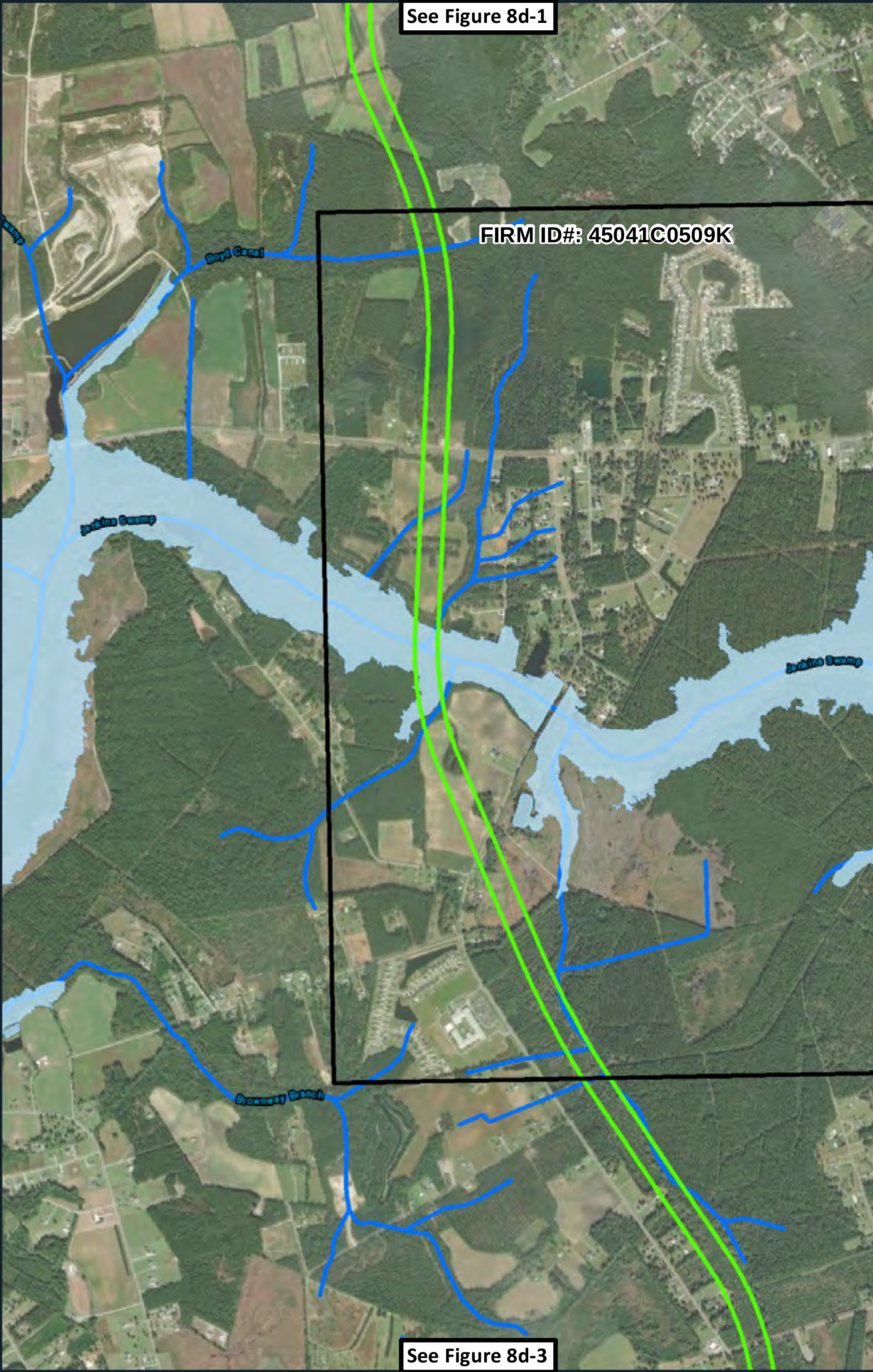
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

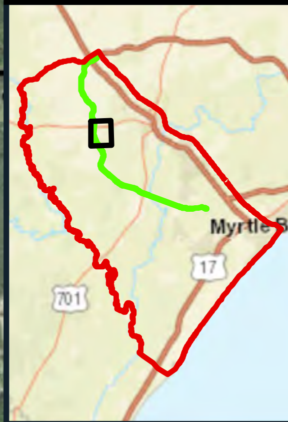
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 7
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8d-1
ALTERNATIVE 7
FEMA MAP

10/2022





1 inch = 0.39 miles

0 0.2 0.4
Miles
@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 7
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8d-2
ALTERNATIVE 7
FEMA MAP

10/2022

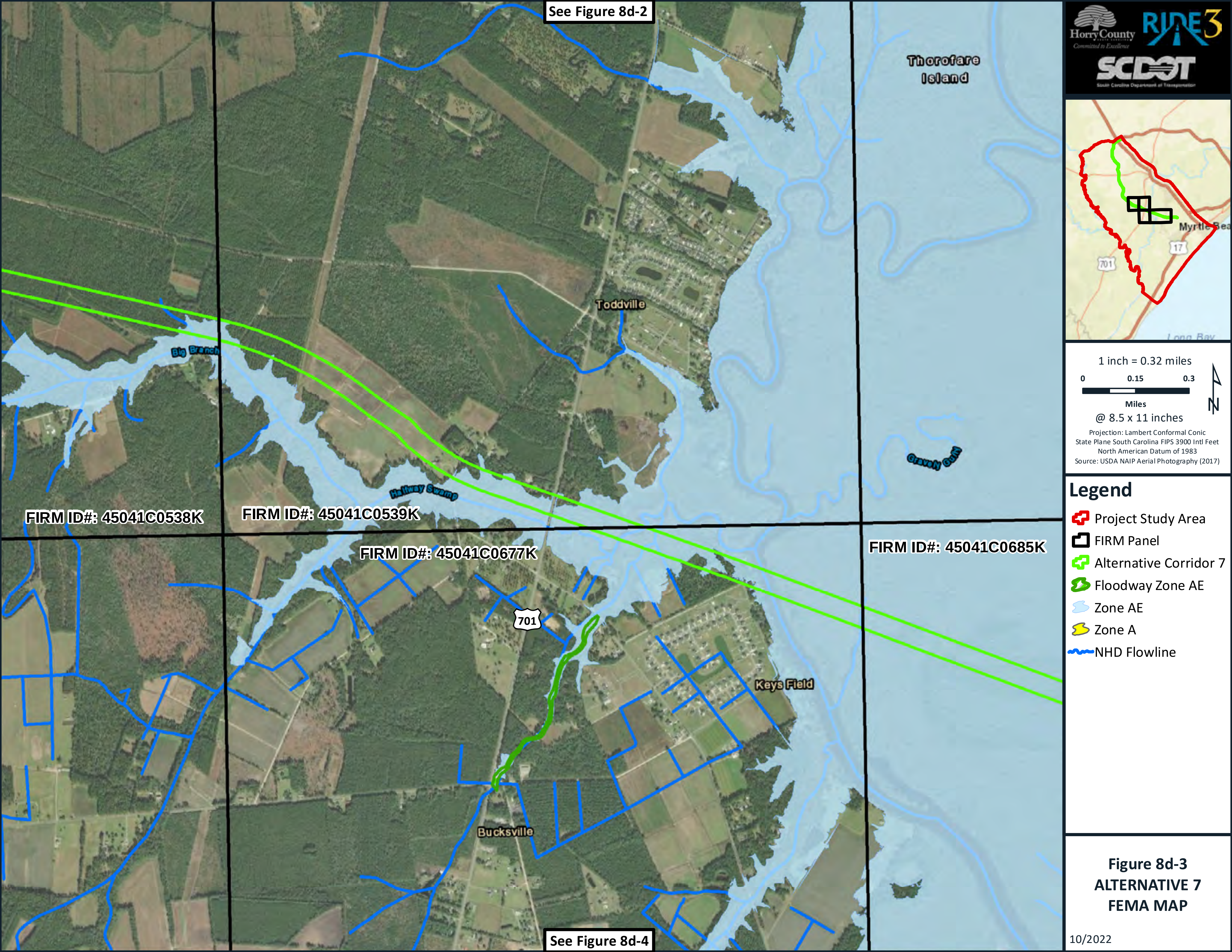
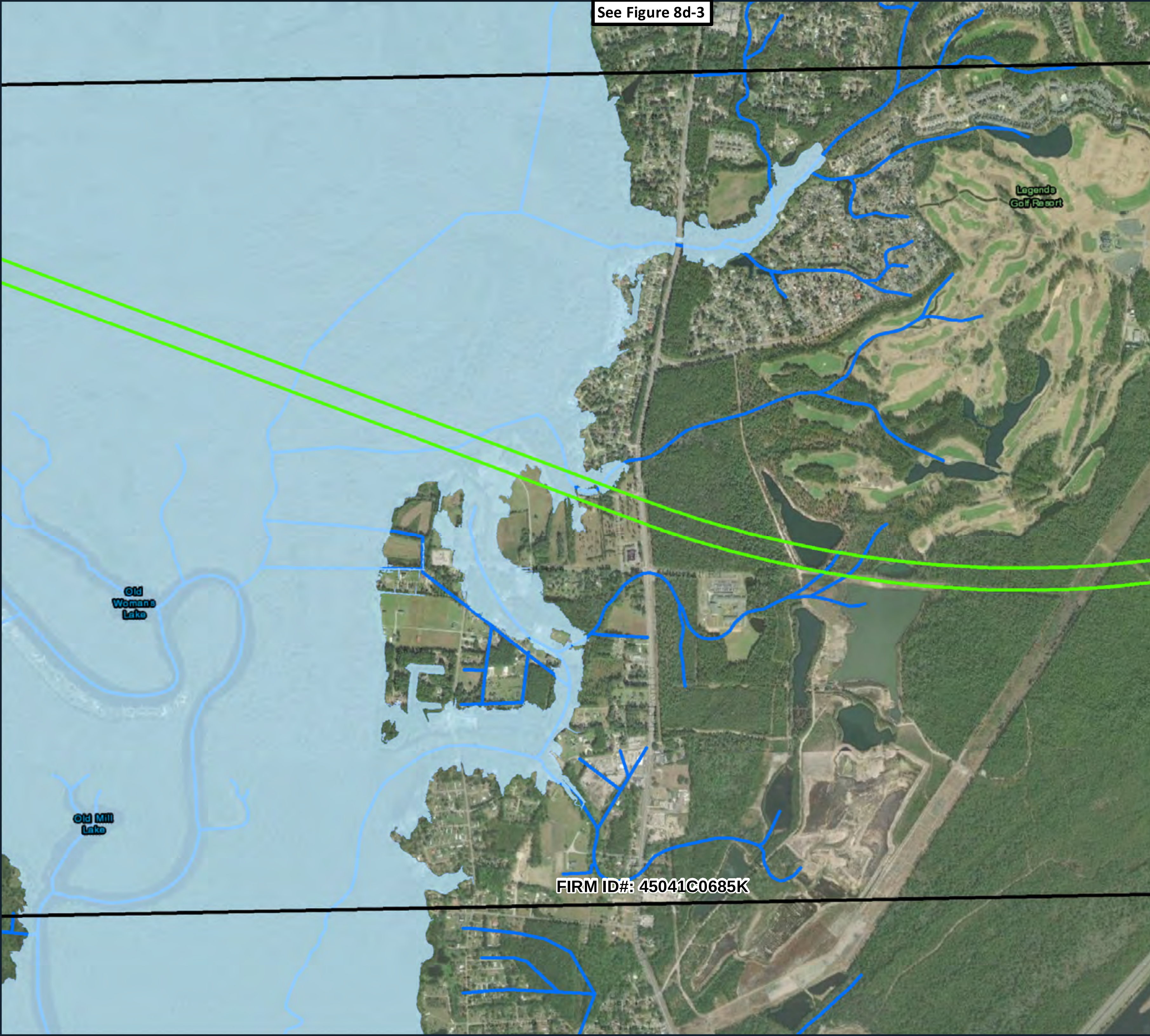
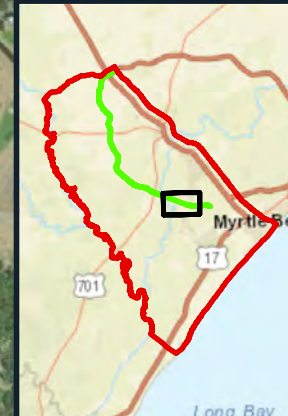


Figure 8d-3
ALTERNATIVE 7
FEMA MAP

10/2022





1 inch = 0.32 miles

0 0.15 0.3

Miles

@ 8.5 x 11 inches

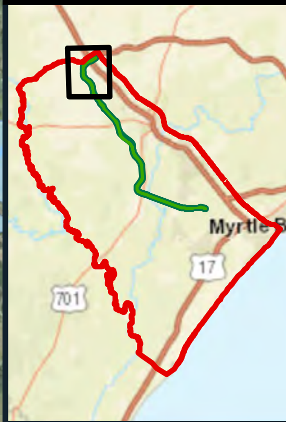
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 7
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8d-4
ALTERNATIVE 7
FEMA MAP

10/2022



1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

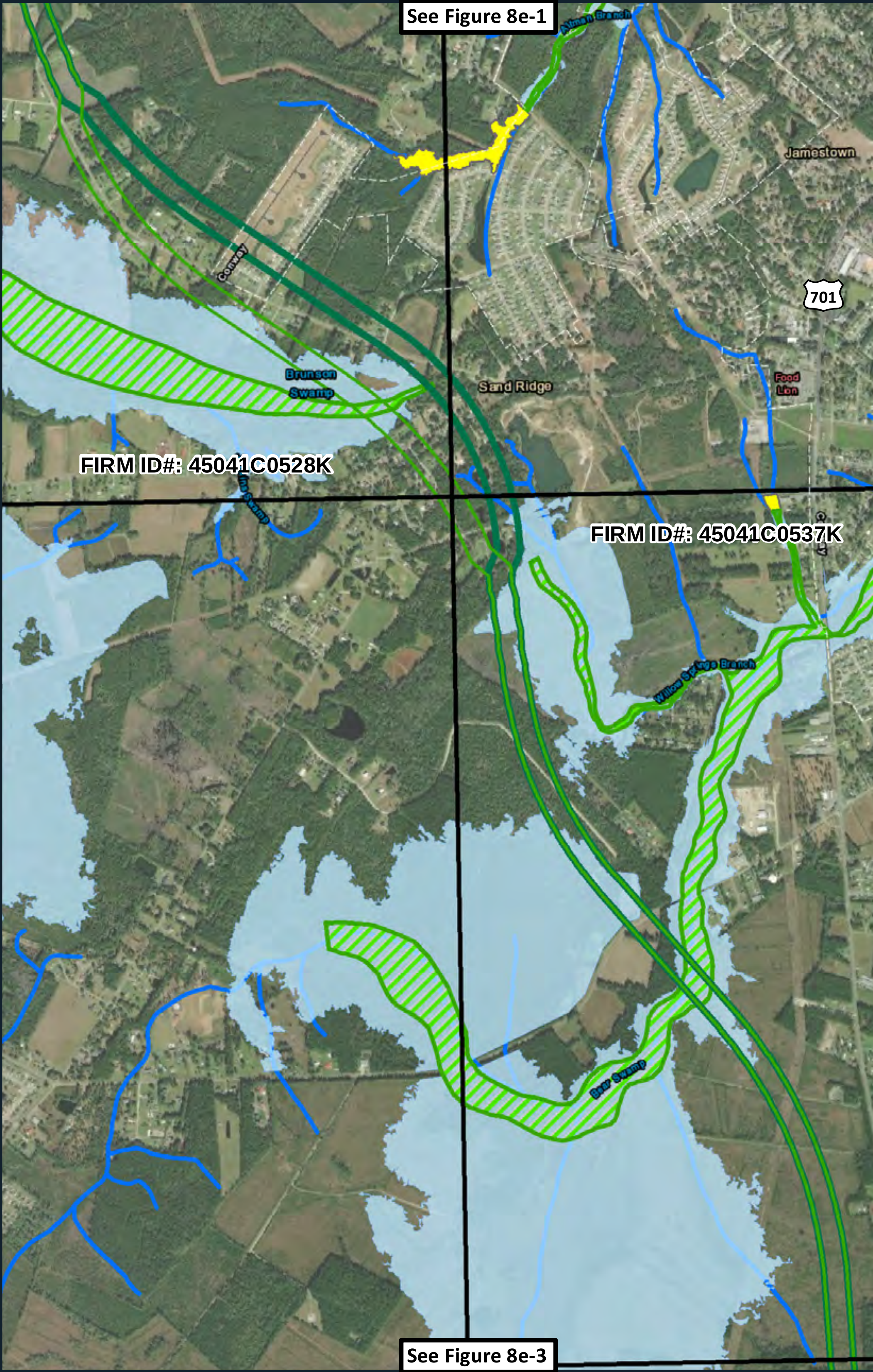
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

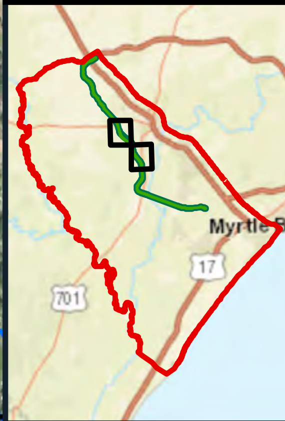
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 8
- Alternative Corridor 9
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8e-1
ALTERNATIVES 8 & 9
FEMA MAP

10/2022





1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 8
- Alternative Corridor 9
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8e-2
ALTERNATIVES 8 & 9
FEMA MAP

10/2022

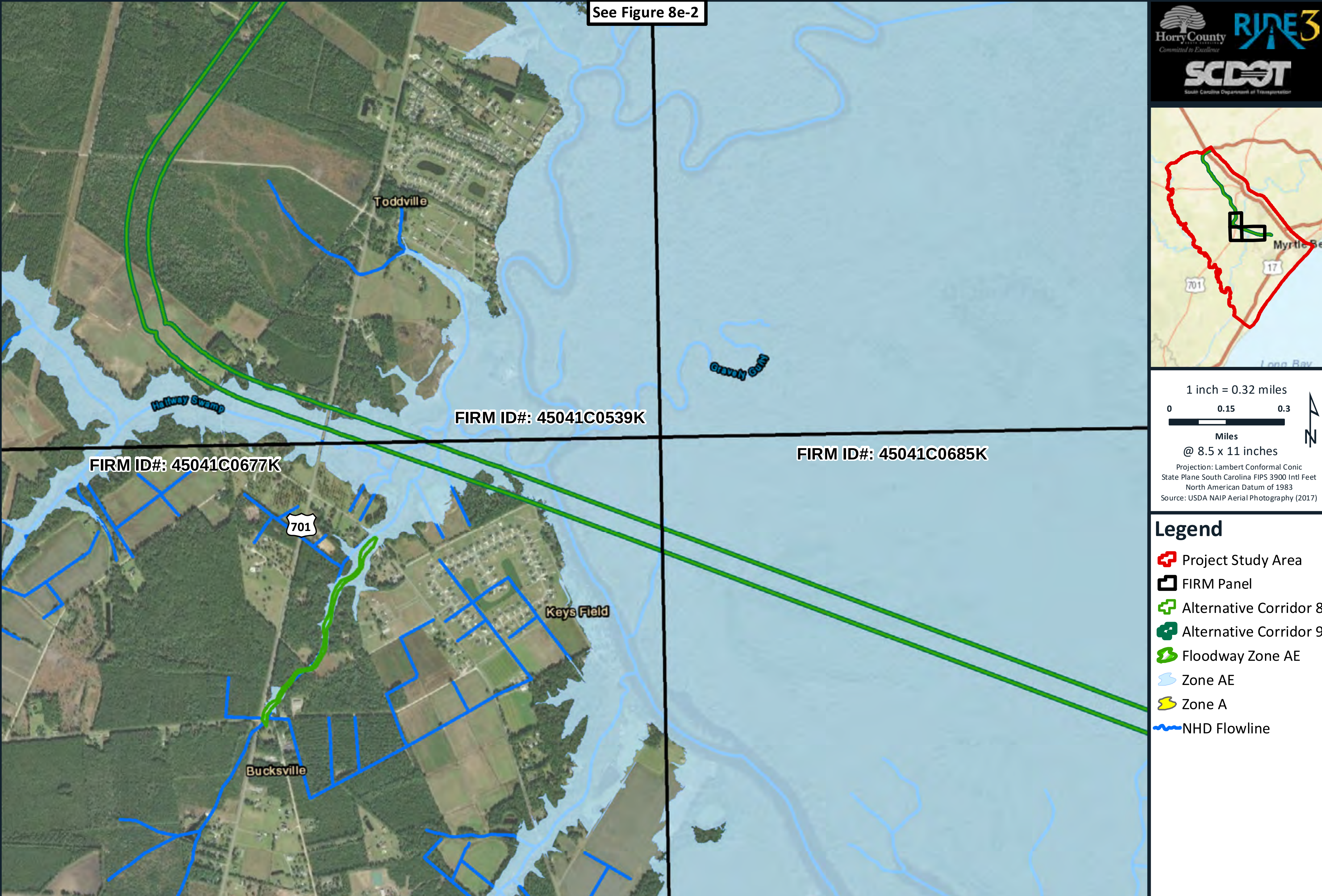
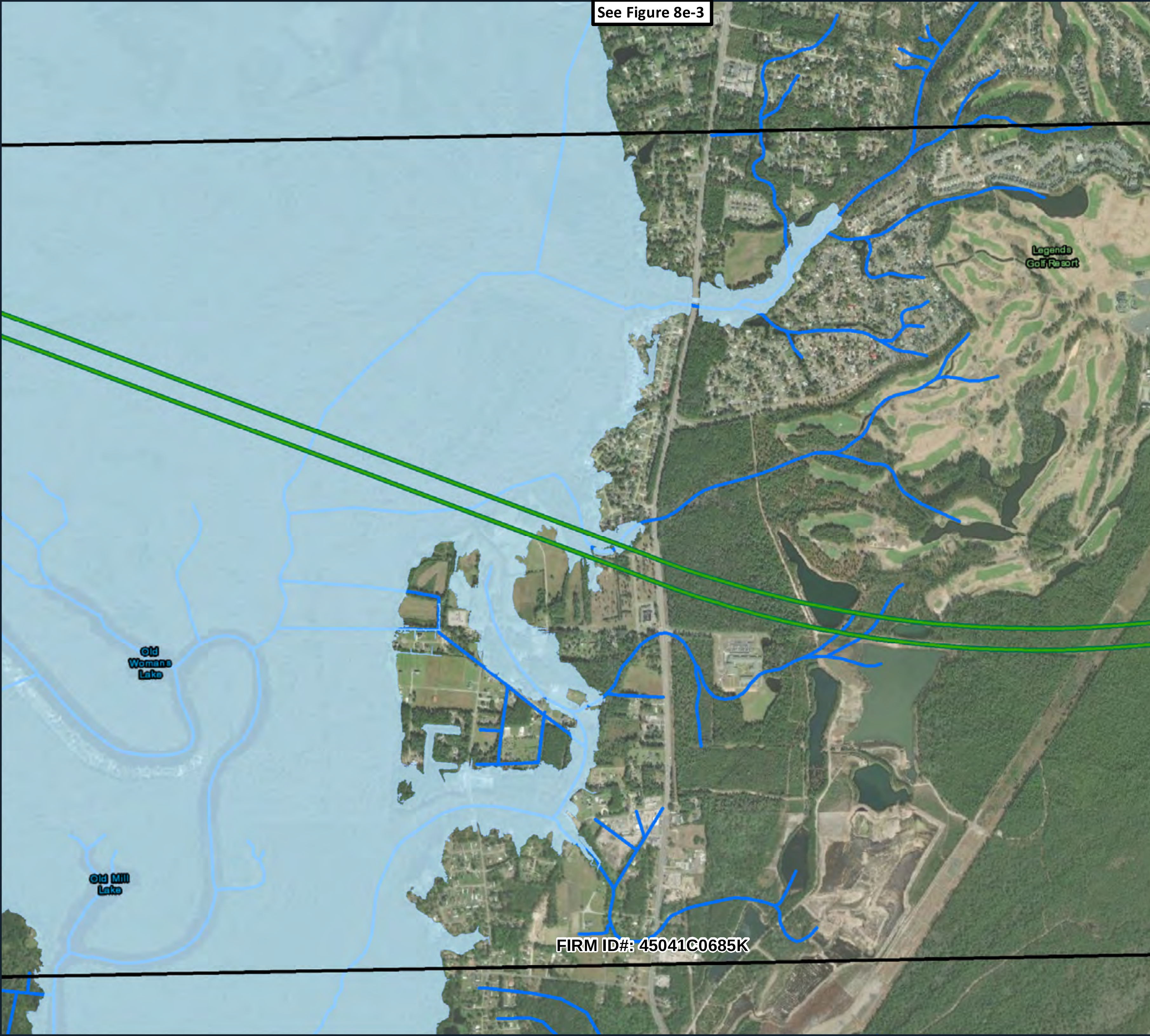


Figure 8e-3
ALTERNATIVES 8 & 9 FEMA MAP

10/2022



Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation

1 inch = 0.32 miles

0 0.15 0.3

Miles

N

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

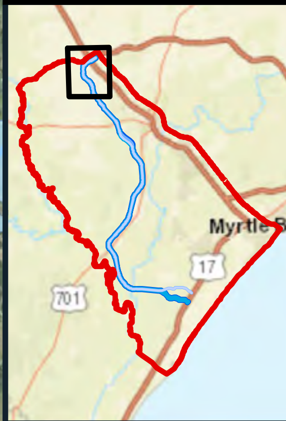
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 8
- Alternative Corridor 9
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8e-4
ALTERNATIVES 8 & 9
FEMA MAP

10/2022

See Figure 8f-2



1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

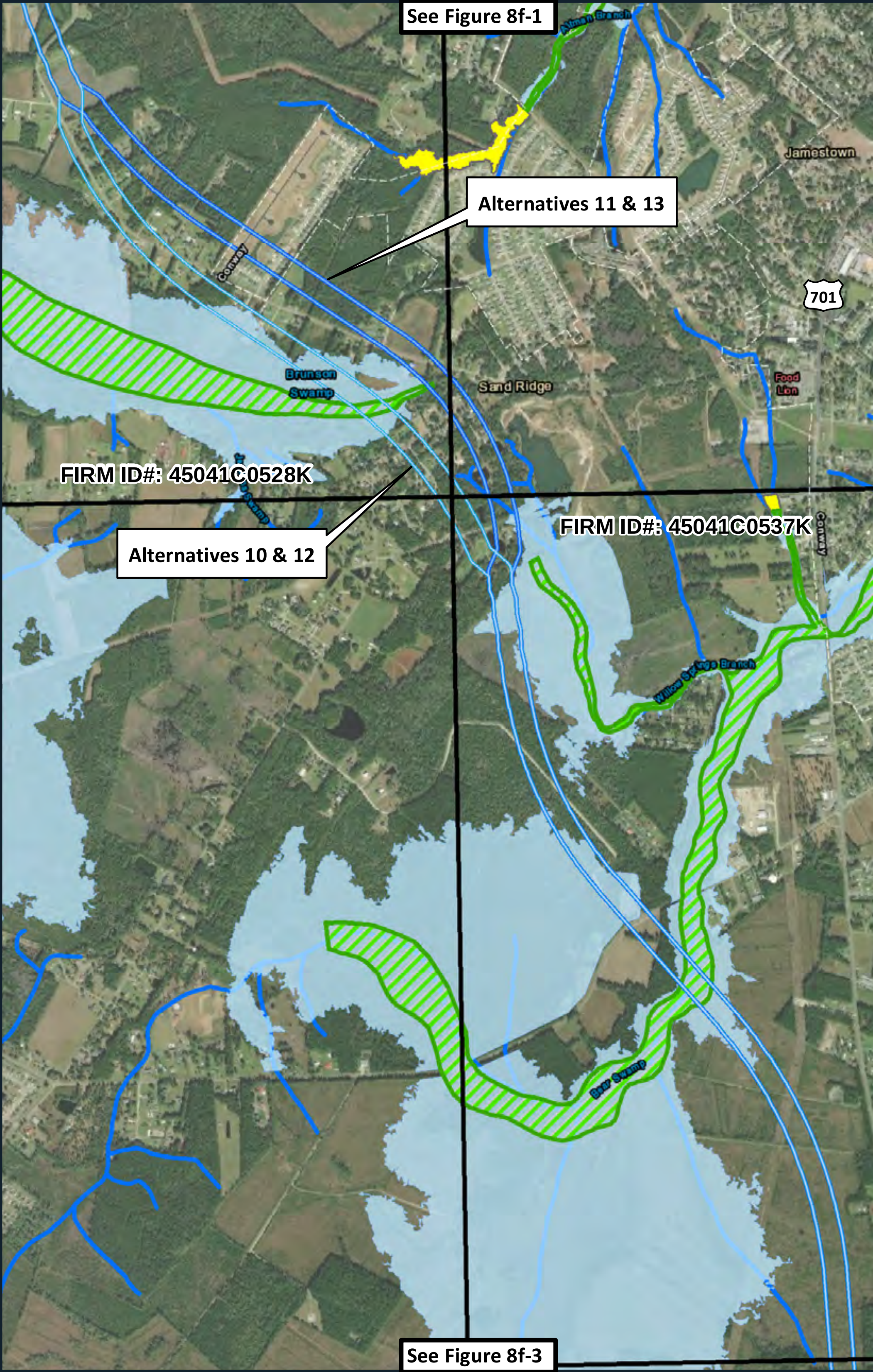
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

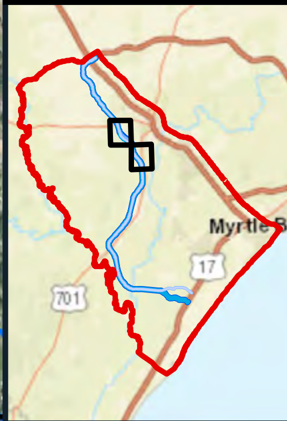
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8f-1
ALTERNATIVES 10 - 13
FEMA MAP

10/2022





1 inch = 0.39 miles

0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

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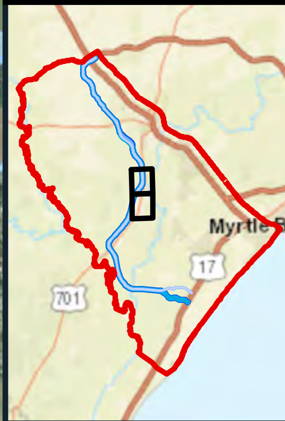
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8f-2
ALTERNATIVES 10 - 13
FEMA MAP

10/2022



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State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8f-3
ALTERNATIVES 10 - 13
FEMA MAP

10/2022

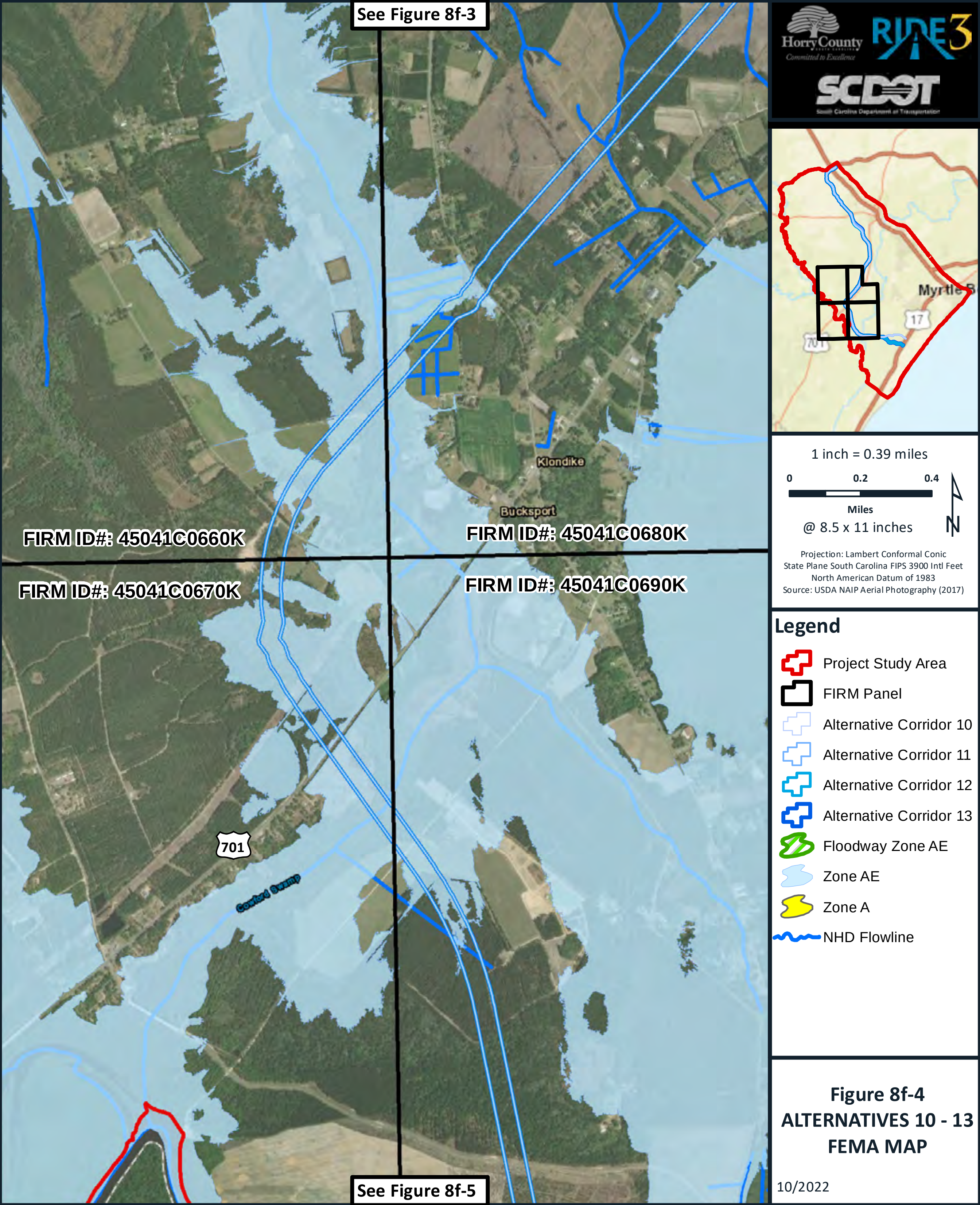
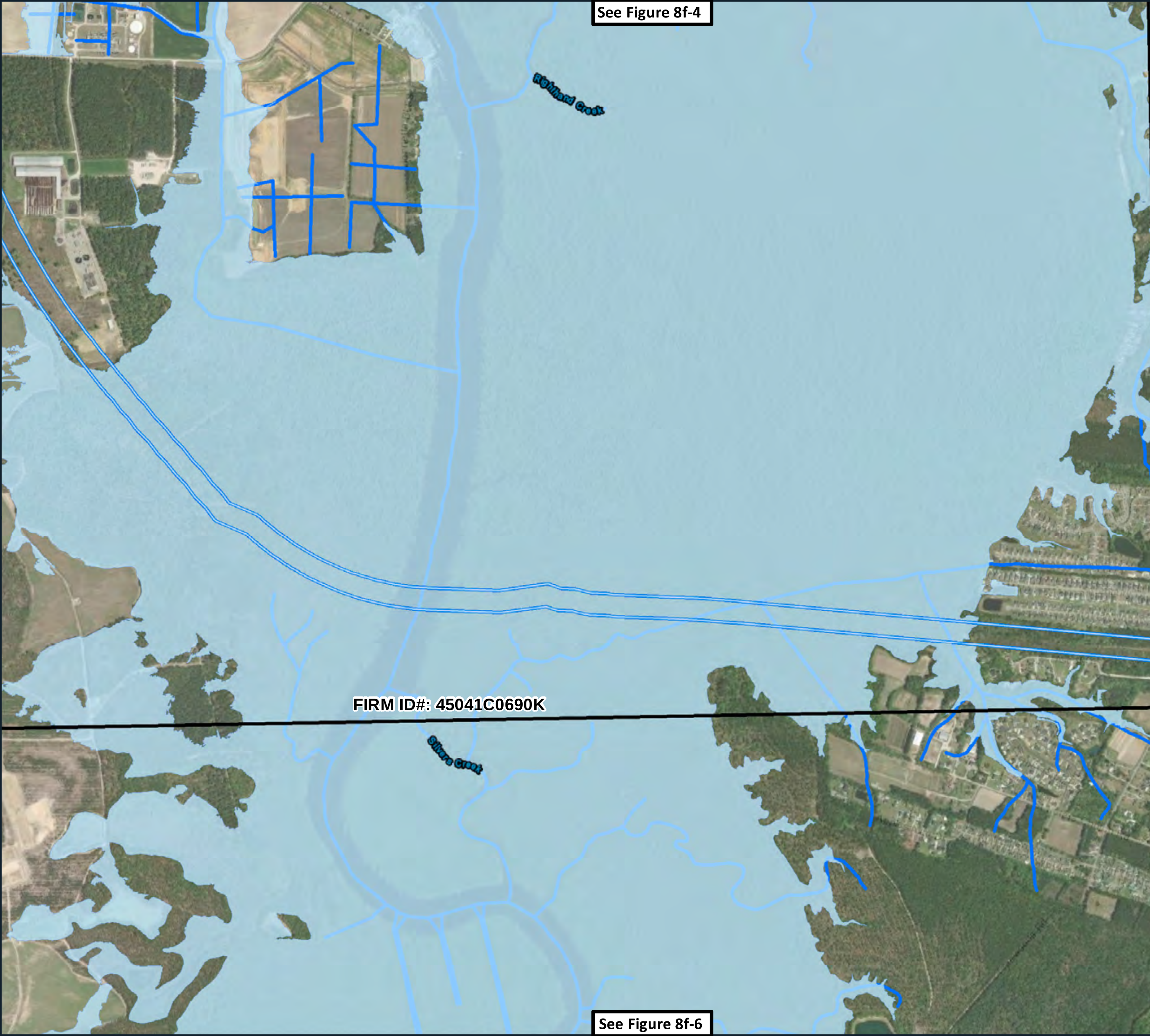
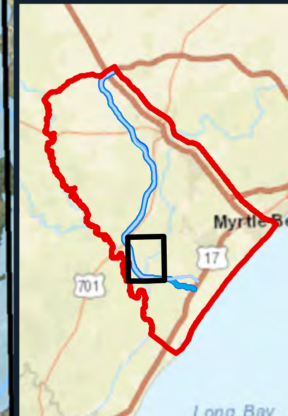


Figure 8f-4
ALTERNATIVES 10 - 13
FEMA MAP

10/2022





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0 0.15 0.3

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 10
- Alternative Corridor 11
- Alternative Corridor 12
- Alternative Corridor 13
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8f-5
ALTERNATIVES 10 - 13
FEMA MAP

10/2022

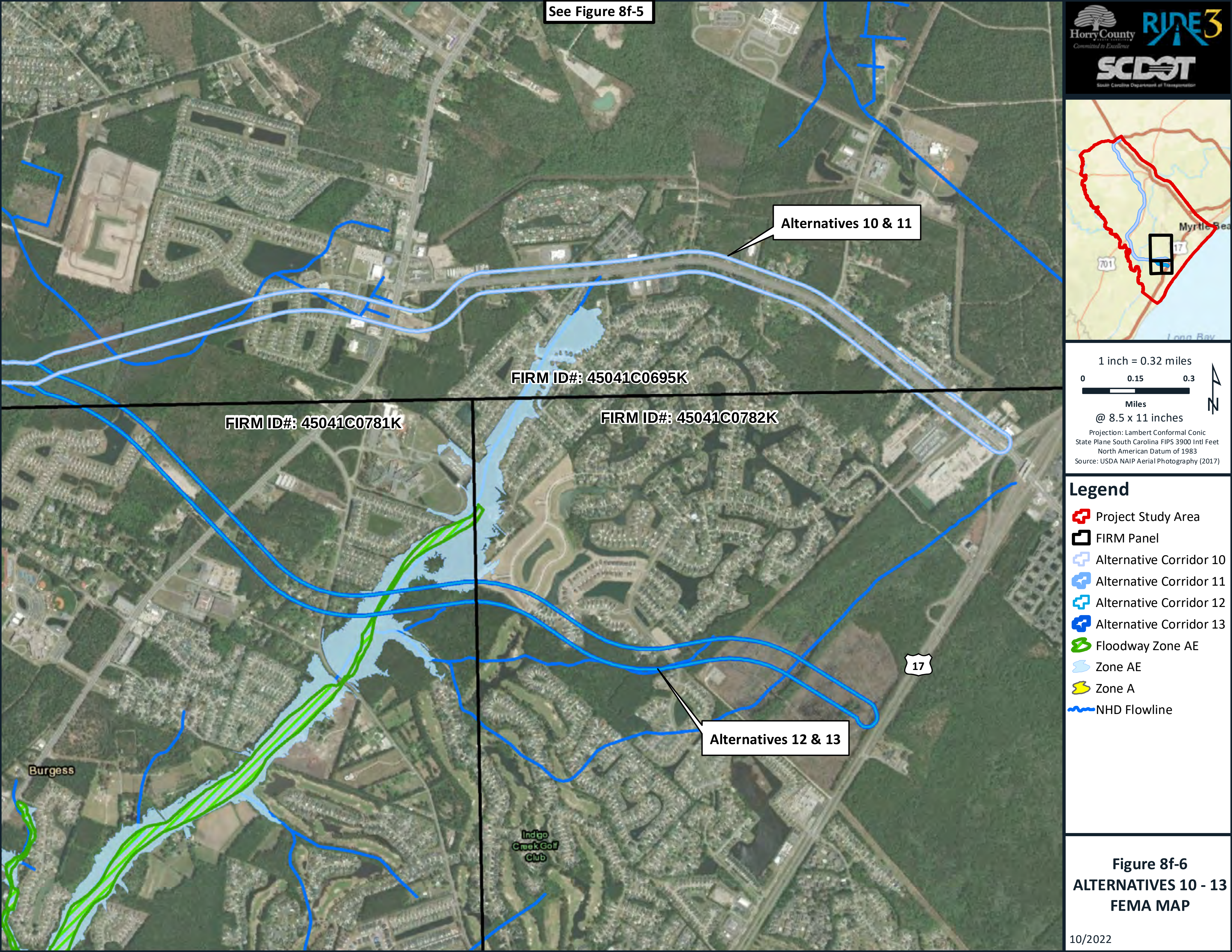


Figure 8f-6
ALTERNATIVES 10 - 13
FEMA MAP

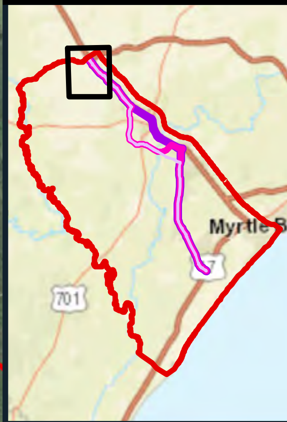
10/2022

See Figure 8g-2

Horry County
Committed to Excellence

RIDE 3

SCDOT
South Carolina Department of Transportation



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0 0.2 0.4

Miles

@ 8.5 x 11 inches

N

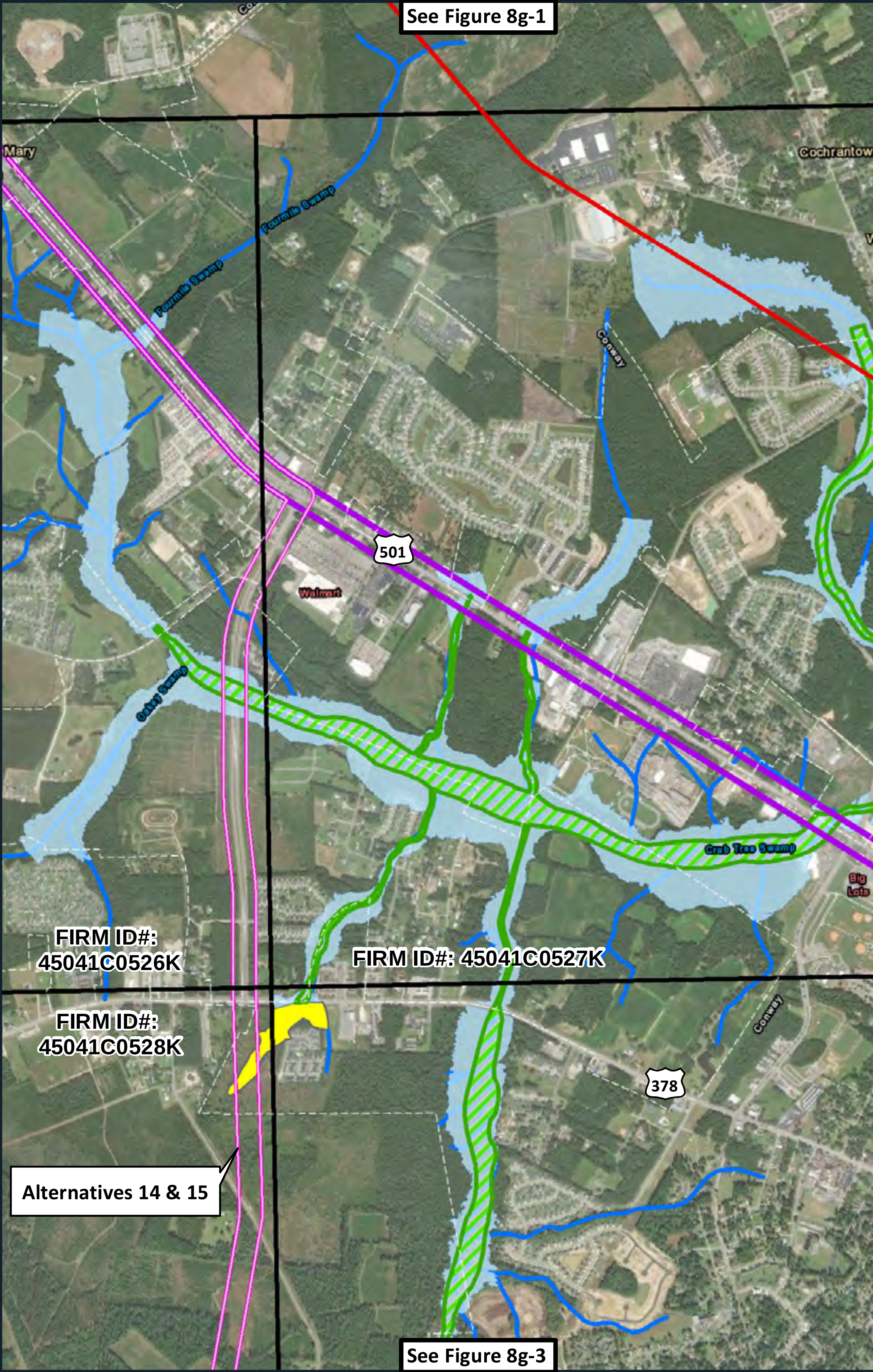
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

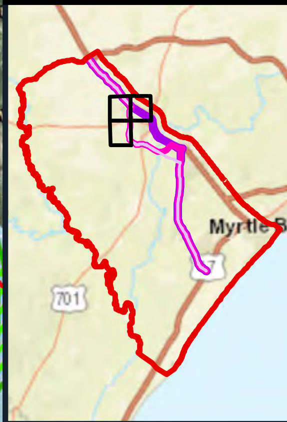
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8g-1
ALTERNATIVES 14 - 16
FEMA MAP

10/2022





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Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8g-2
ALTERNATIVES 14 - 16
FEMA MAP

10/2022

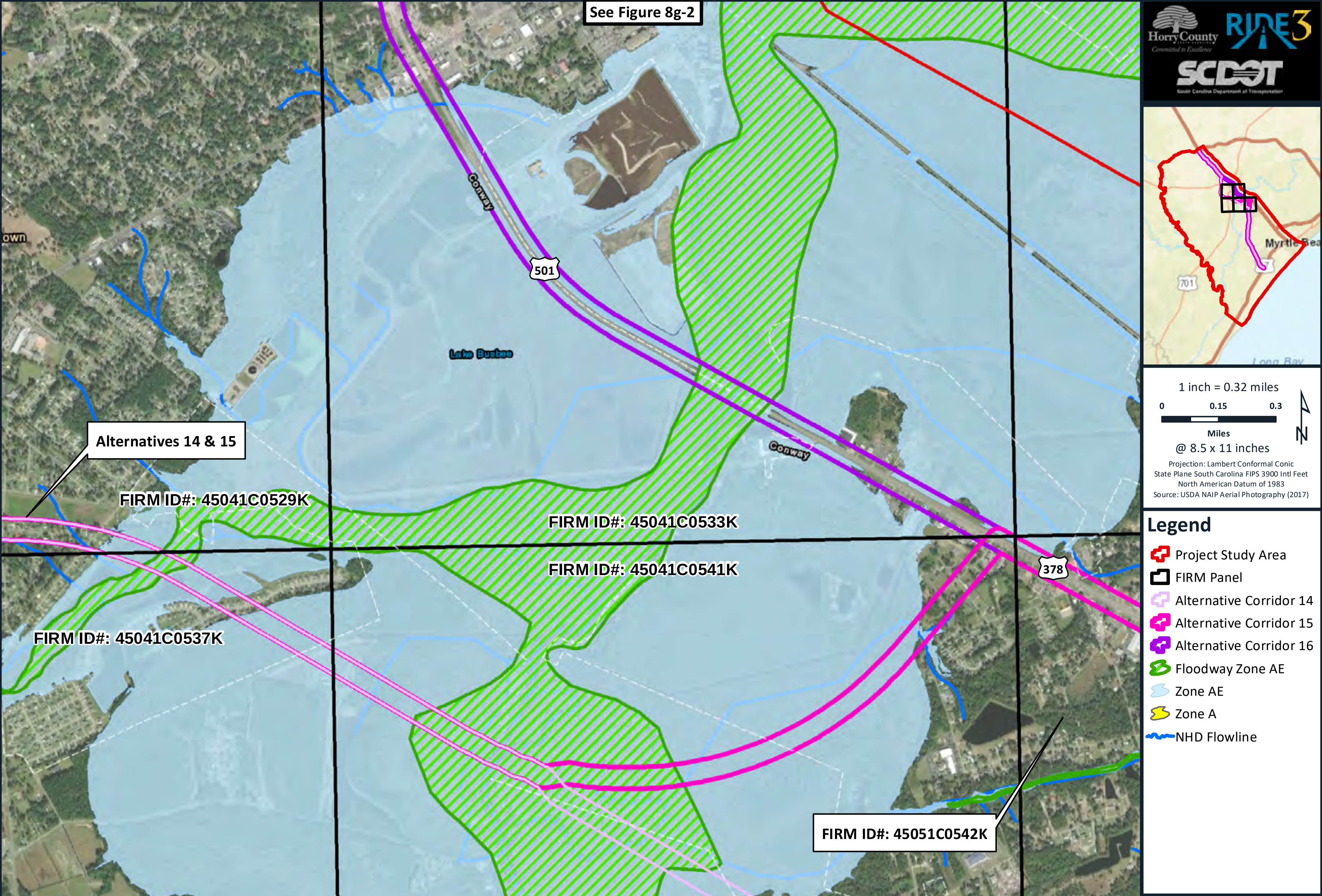
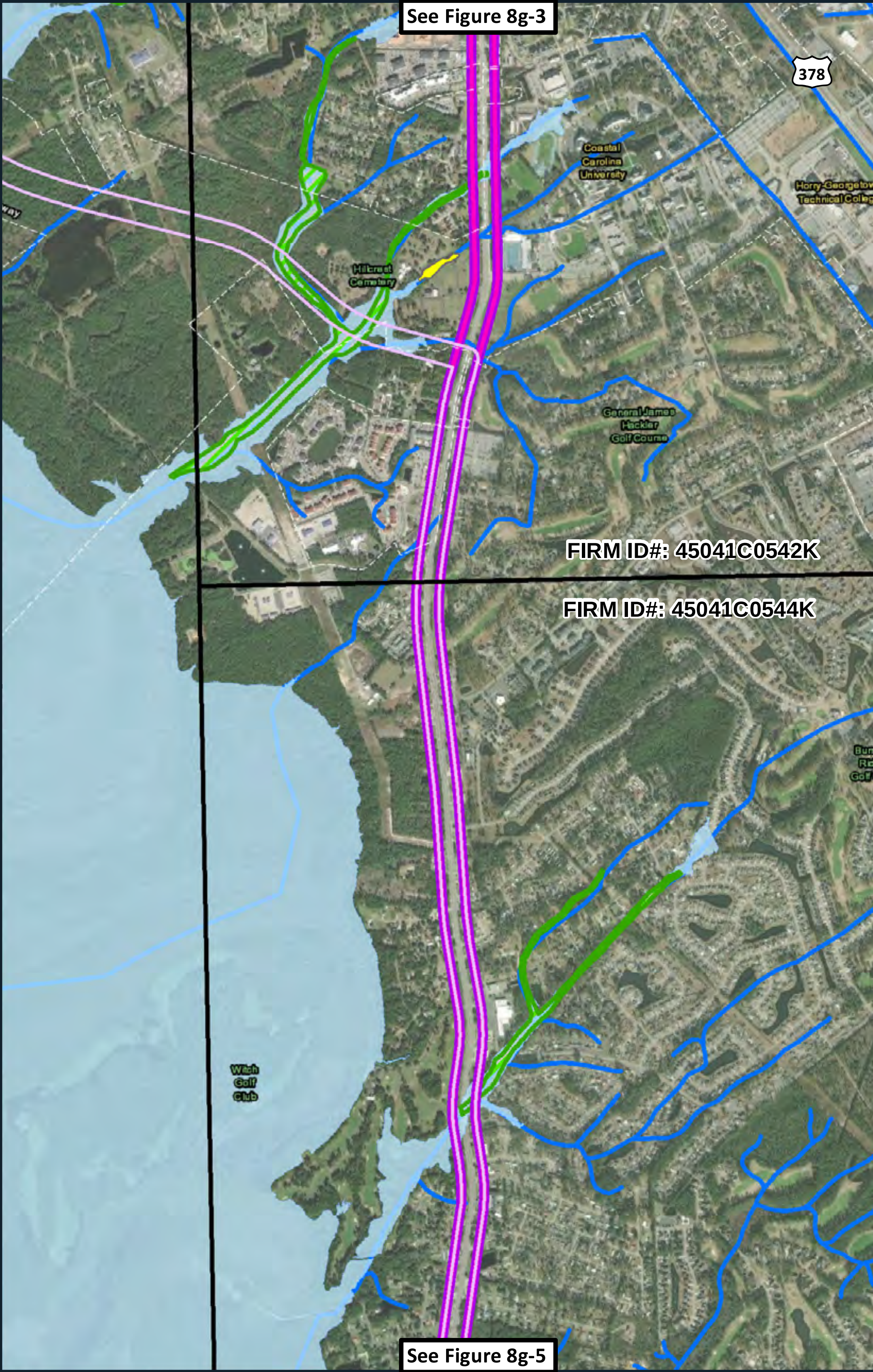
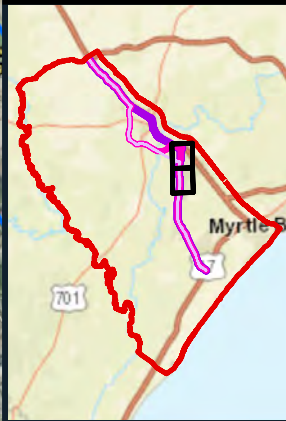


Figure 8g-3
ALTERNATIVES 14 - 16
FEMA MAP

10/2022





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Miles

@ 8.5 x 11 inches

N

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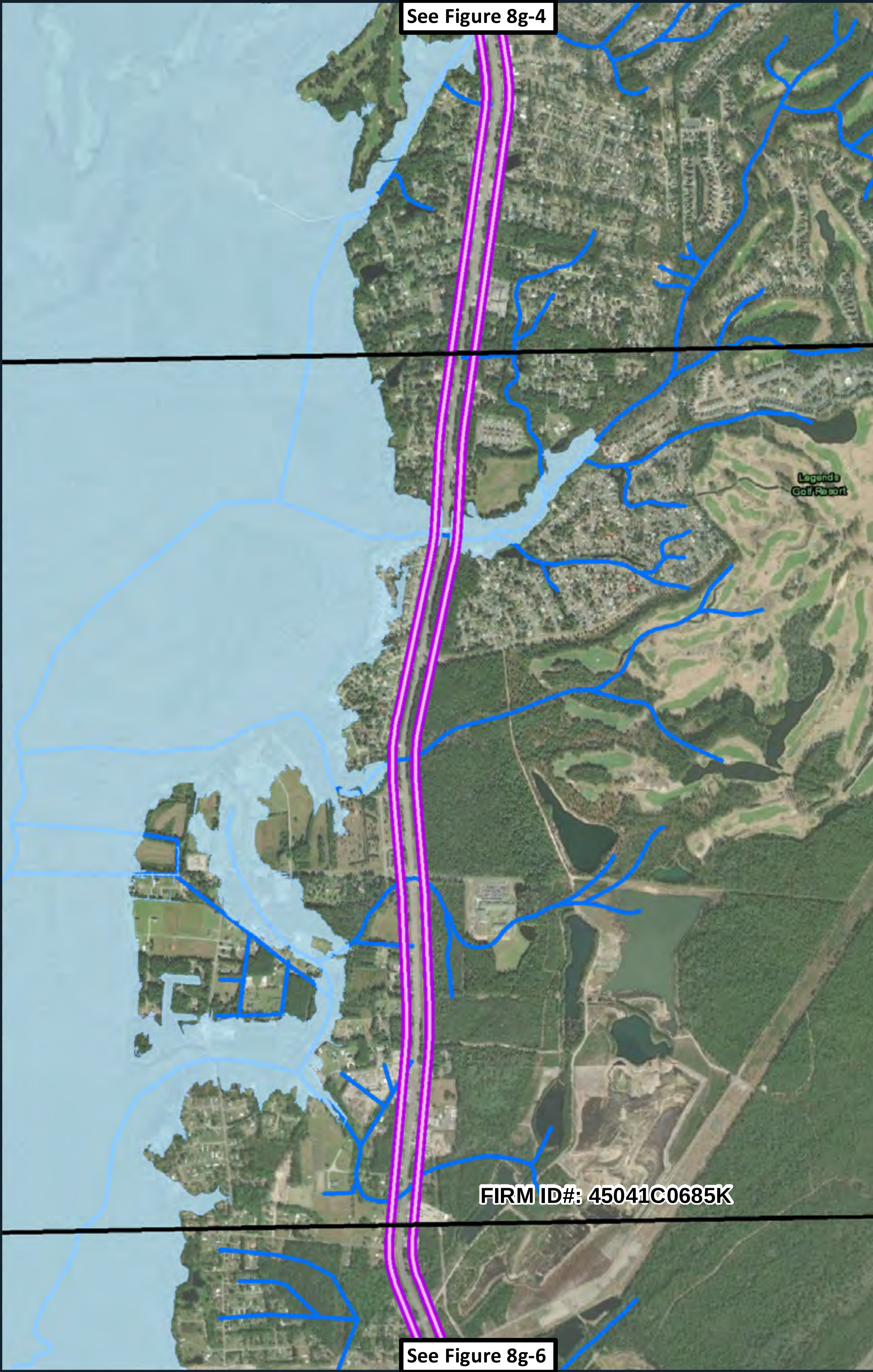
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

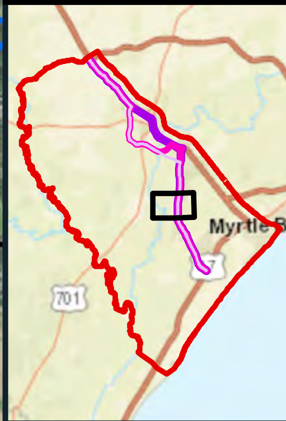
Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8g-4
ALTERNATIVES 14 - 16
FEMA MAP

10/2022





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North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
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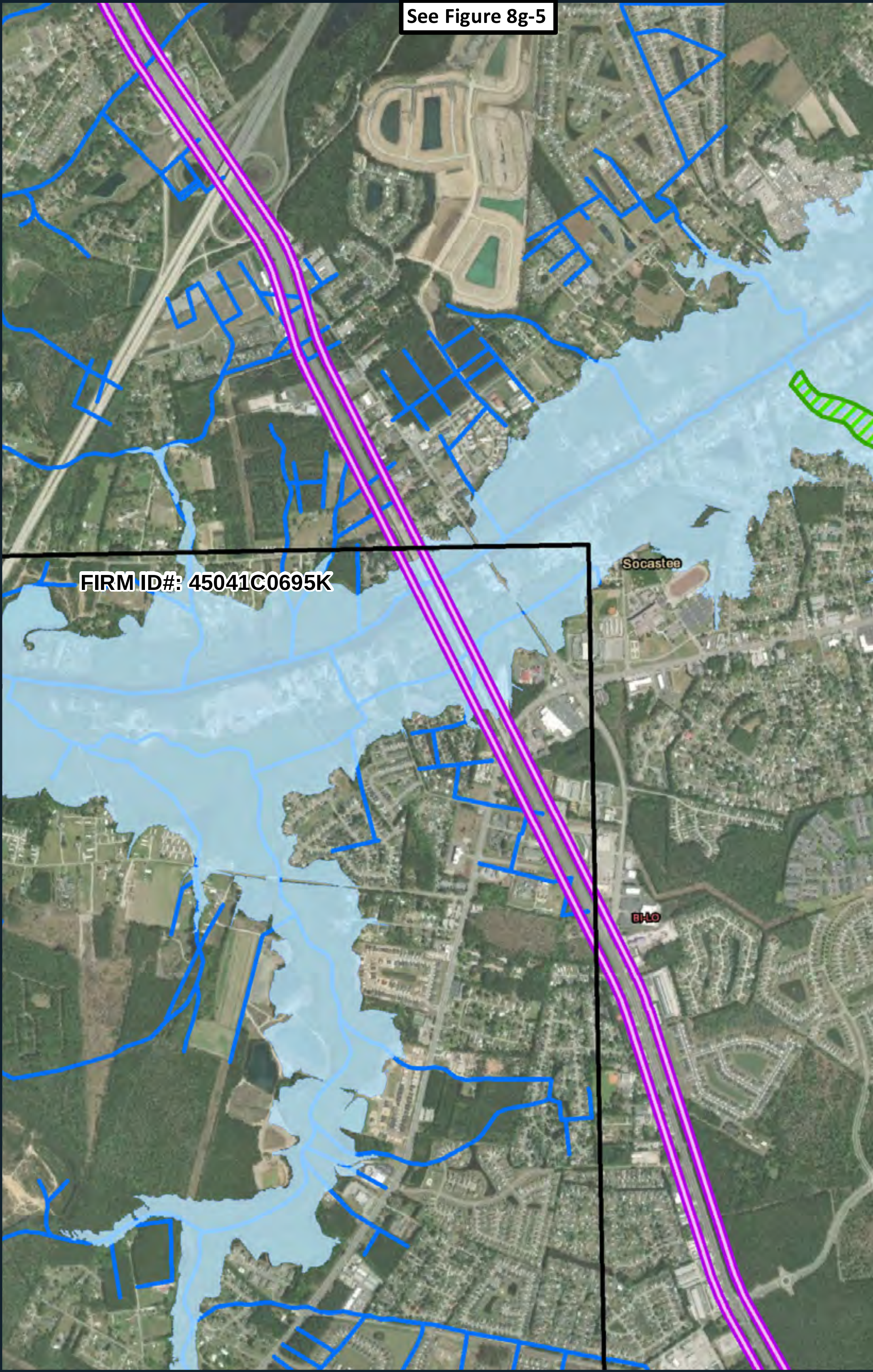
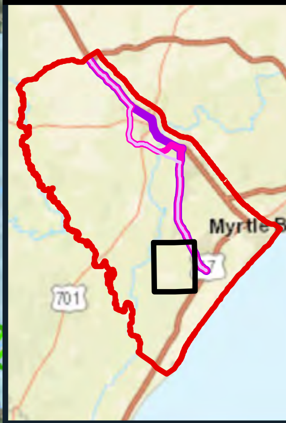
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8g-5
ALTERNATIVES 14 - 16
FEMA MAP

10/2022





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Legend

- Project Study Area
- FIRM Panel
- Alternative Corridor 14
- Alternative Corridor 15
- Alternative Corridor 16
- Floodway Zone AE
- Zone AE
- Zone A
- NHD Flowline

Figure 8g-6
ALTERNATIVES 14 - 16
FEMA MAP

10/2022

APPENDIX C

PROTECTED SPECIES LIST

HORRY COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	None Found			
Birds	American wood stork (T)	*Mycteria americana*	February 15-September 1	Nesting season
	Bald eagle (BGEPA)	*Haliaeetus leucocephalus*	October 1-May 15	Nesting season
	Black-capped petrel (ARS)	*Pterodroma hasitata*	April-October	Offshore water primarily
	Piping plover (T, CH)	*Charadrius melodus*	July 15-May 1	Migration and wintering
	Red-cockaded woodpecker (T)	*Picoides borealis*	March 1-July 31	Nesting season
	Red knot (T)	*Calidris canutus rufa*	August 1-May 31	Migration and wintering
	Saltmarsh sparrow (ARS)	*Ammospiza caudacuta*	Fall/winter	Fall/winter surveys
Crustaceans	None Found			
Fishes	Atlantic sturgeon* (E)	*Acipenser oxyrinchus**	February 1-April 30	Spawning migration
	Robust redhorse (ARS)	*Moxostoma robustum*	Late April-early May	Temperature dependent: 16-24ºC
	Shortnose sturgeon* (E)	*Acipenser brevirostrum**	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	*Danaus plexippus*	August-December	Overwinter population departs: March-April
Mammals	Finback whale* (E)	*Balaenoptera physalus**	November 1-April 30	Off the coast
	Humpback whale * (E)	*Megaptera novaeangliae*	January 1-March 31	Migration off the coast
	Northern long-eared bat (T)	*Myotis septentrionalis*	Year round	Winter surveys not as successful
	Right whale* (E)	*Balaena glacialis*	November 1-April 30	Off the coast
	Sei whale* (E)	*Balaenoptera borealis*		
	Sperm whale* (E)	*Physeter macrocephalus*		
	Tri-colored bat (ARS)	*Perimyotis subflavus*	Year round	Found in mines and caves in the winter
	West Indian manatee (T)	*Trichechus manatus*	May 1-November 15	In coastal waters
Mollusks	None Found			

HORRY COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Plants	American chaffseed (E)	*Schwalbea americana*	May-August	1-2 months after a fire
	Carolina-birds-in-a-nest (ARS)	*Macbridea caroliniana*	July-November	
	Ciliate-leaf tickseed (ARS)	*Coreopsis integrifolia*	August-November	
	Godfrey's stitchwort (ARS)	*Minuartia godfreyi*	April-June	
	Harper's fimbristylis (ARS)	*Fimbristylis perpusilla*	July-September	
	Seabeach amaranth (T)	*Amaranthus pumilus*	July-October	
	Venus flytrap (ARS*)	*Dionaea muscipula*	May-June	
	Wire-leaved dropseed (ARS)	*Sporobolus teretifolius*	August-September	Following fire
Reptiles	Green sea turtle ** (T)	*Chelonia mydas* **	May 1-October 31	Nesting and hatching
	Kemp's ridley sea turtle ** (E)	*Lepidochelys kempii***	May 1-October 31	In coastal waters
	Leatherback sea turtle ** (E)	*Dermochelys coriacea* **	May 1-October 31	Nesting and hatching
	Loggerhead sea turtle ** (T, CH)	*Caretta caretta* **	May 1-October 31	Nesting and hatching
	Spotted turtle (ARS)	*Clemmys guttata*	Feburary-early April	

*	Contact National Marine Fisheries Service (NMFS) for more information on this species.
**	The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.
ARS	Species that the FWS has been petitioned to list and for which a positive 90-day finding has been issued (listing may be warranted); information is provided only for conservation actions as no Federal protections currently exist.
ARS*	Species that are either former Candidate Species or are emerging conservation priority species.
BGEPA	Federally protected under the Bald and Golden Eagle Protection Act
C	FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.
CH	Critical Habitat
E	Federally Endangered
P or P – CH	Proposed for listing or critical habitat in the Federal Register
S/A	Federally protected due to similarity of appearance to a listed species
T	Federally Threatened

These lists should be used only as a guideline, not as the final authority. The lists include known occurrences and areas where the species has a high possibility of occurring. Records are updated as deemed necessary and may differ from earlier lists.

For a list of State endangered, threatened, and species of concern, please visit https://www.dnr.sc.gov/species/index.html.

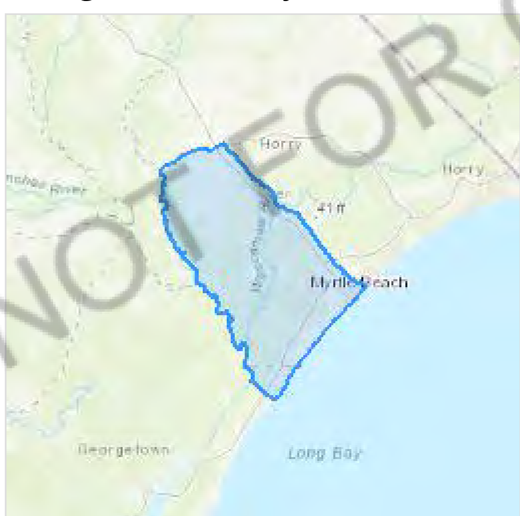
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Georgetown , Horry , and Marion counties, South Carolina



Local office

South Carolina Ecological Services

(843) 727-4707
(843) 727-4218

176 Croghan Spur Road, Suite 200

Charleston, SC 29407-7558

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

---

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Northern Long-eared Bat Myotis septentrionalis Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9045	Endangered
West Indian Manatee Trichechus manatus Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/4469	Threatened Marine mammal

Birds

NAME	STATUS
Eastern Black Rail Laterallus jamaicensis ssp. jamaicensis Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/10477	Threatened
Piping Plover Charadrius melodus There is **final** critical habitat for this species. Your location overlaps the critical habitat. https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot Calidris canutus rufa Wherever found There is **proposed** critical habitat for this species. https://ecos.fws.gov/ecp/species/1864	Threatened
Red-cockaded Woodpecker Picoides borealis Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7614	Endangered

Roseate Tern Sterna dougallii dougallii No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2083	Endangered
Wood Stork Mycteria americana No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8477	Threatened

Reptiles

NAME	STATUS
Green Sea Turtle Chelonia mydas There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6199	Threatened
Kemp's Ridley Sea Turtle Lepidochelys kempii Wherever found There is **proposed** critical habitat for this species. https://ecos.fws.gov/ecp/species/5523	Endangered
Leatherback Sea Turtle Dermochelys coriacea Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/1493	Endangered
Loggerhead Sea Turtle Caretta caretta There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/1110	Threatened

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
American Chaffseed Schwalbea americana Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1286	Endangered
Canby's Dropwort Oxypolis canbyi Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7738	Endangered
Pondberry Lindera melissifolia Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1279	Endangered
Seabeach Amaranth Amaranthus pumilus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8549	Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

This location overlaps the critical habitat for the following species:

NAME	TYPE
Piping Plover Charadrius melodus https://ecos.fws.gov/ecp/species/6039#crithab	Final

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Kestrel Falco sparverius paulus This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9587	Breeds Apr 1 to Aug 31
American Oystercatcher Haematopus palliatus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8935	Breeds Apr 15 to Aug 31

Bachman's Sparrow Aimophila aestivalis — Breeds May 1 to Sep 30

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/6177

Bald Eagle Haliaeetus leucocephalus — Breeds Sep 1 to Jul 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Black Guillemot Cepphus grylle — Breeds May 15 to Sep 10

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Black Scoter Melanitta nigra — Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Black Skimmer Rynchops niger — Breeds May 20 to Sep 15

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/5234

Black-legged Kittiwake Rissa tridactyla — Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Brown Pelican Pelecanus occidentalis — Breeds Jan 15 to Sep 30

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Brown-headed Nuthatch Sitta pusilla — Breeds Mar 1 to Jul 15

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Cerulean Warbler Dendroica cerulea | Breeds Apr 26 to Jul 20

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/2974

Chimney Swift Chaetura pelagica | Breeds Mar 15 to Aug 25

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Common Eider Somateria mollissima | Breeds Jun 1 to Sep 30

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Common Loon gavia immer | Breeds Apr 15 to Oct 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/4464

Dovekie Alle alle | Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/6041

Eastern Whip-poor-will Antrostomus vociferus | Breeds May 1 to Aug 20

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Gull-billed Tern Gelochelidon nilotica | Breeds May 1 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9501

Kentucky Warbler Oporornis formosus | Breeds Apr 20 to Aug 20

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

King Rail Rallus elegans

Breeds May 1 to Sep 5

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/8936

Lesser Yellowlegs Tringa flavipes

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9679

Long-tailed Duck Clangula hyemalis

Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/7238

Marbled Godwit Limosa fedoa

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9481

Painted Bunting Passerina ciris

Breeds Apr 25 to Aug 15

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Prairie Warbler Dendroica discolor

Breeds May 1 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Prothonotary Warbler Protonotaria citrea

Breeds Apr 1 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Purple Sandpiper Calidris maritima

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Razorbill Alca torda — Breeds Jun 15 to Sep 10

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Red-breasted Merganser Mergus serrator — Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Red-headed Woodpecker Melanerpes erythrocephalus — Breeds May 10 to Sep 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Red-throated Loon Gavia stellata — Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Ring-billed Gull Larus delawarensis — Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Royal Tern Thalasseus maximus — Breeds Apr 15 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Ruddy Turnstone Arenaria interpres morinella — Breeds elsewhere

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Rusty Blackbird Euphagus carolinus — Breeds elsewhere

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Short-billed Dowitcher Limnodromus griseus — Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9480

Surf Scoter Melanitta perspicillata — Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Swallow-tailed Kite Elanoides forficatus — Breeds Mar 10 to Jun 30

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/8938

White-winged Scoter Melanitta fusca — Breeds elsewhere

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Willet Tringa semipalmata — Breeds Apr 20 to Aug 5

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Wilson's Plover Charadrius wilsonia — Breeds Apr 1 to Aug 20

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Wood Thrush Hylocichla mustelina — Breeds May 10 to Aug 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

■ probability of presence ■ breeding season | survey effort – no data

SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

American Kestrel
BCC - BCR

American Oystercatcher
BCC Rangewide (CON)

Bachman's Sparrow
BCC Rangewide (CON)

Bald Eagle
Non-BCC Vulnerable

Black Guillemot
Non-BCC Vulnerable

Black Scoter
Non-BCC Vulnerable

Black Skimmer
BCC Rangewide (CON)

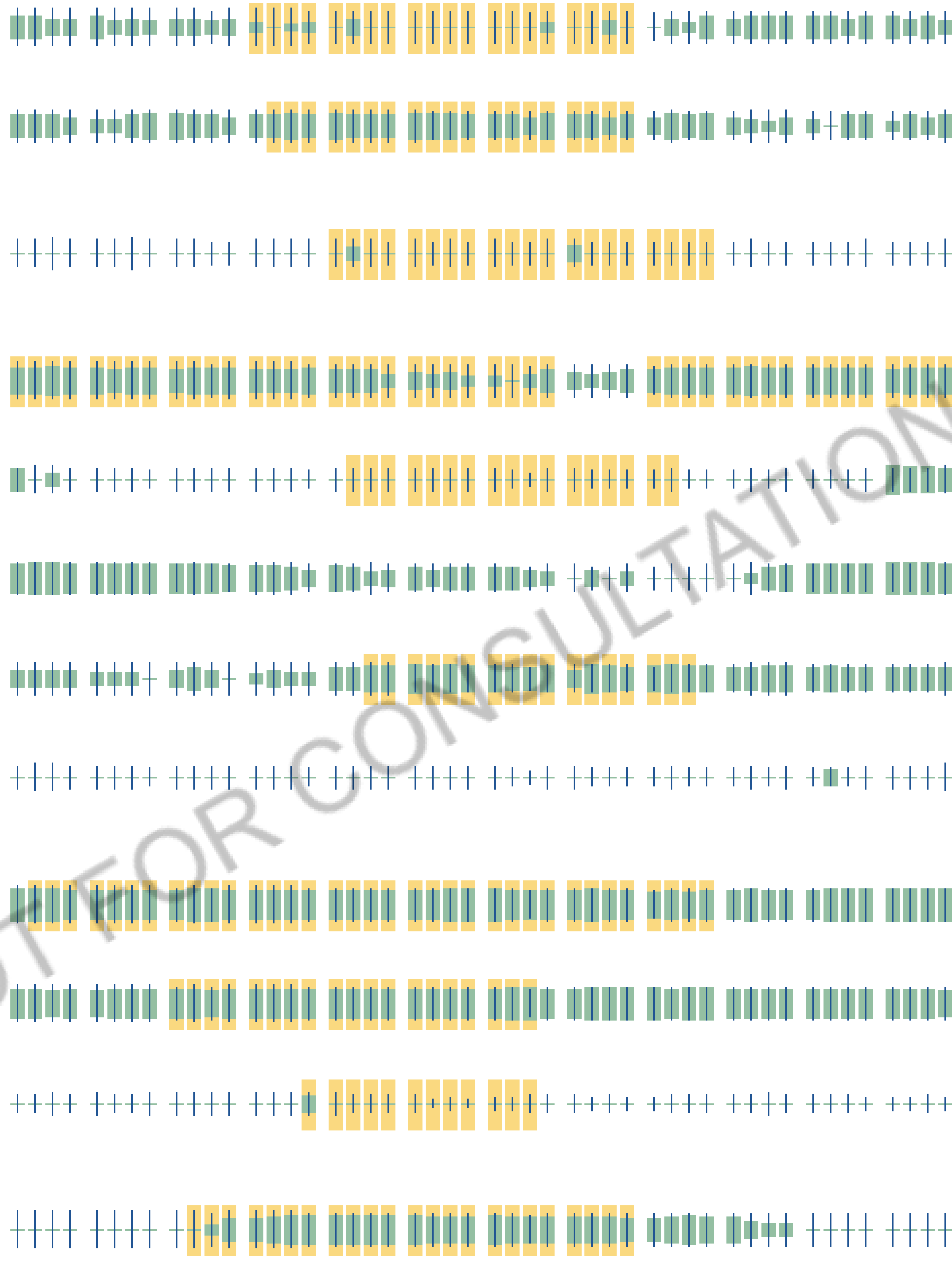
Black-legged Kittiwake
Non-BCC Vulnerable

Brown Pelican
Non-BCC Vulnerable

Brown-headed Nuthatch
BCC - BCR

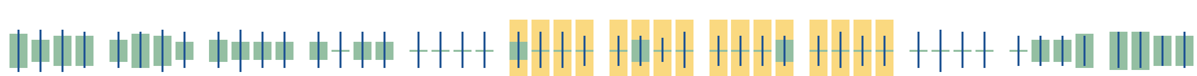
Cerulean Warbler
BCC Rangewide (CON)

Chimney Swift
BCC Rangewide (CON)

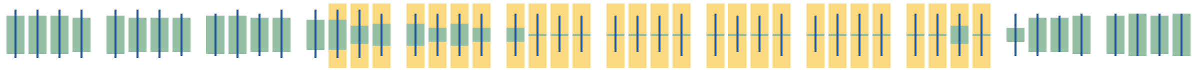


SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

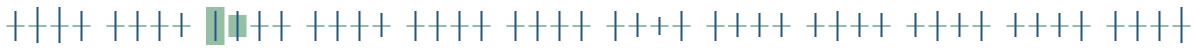
Common Eider
Non-BCC Vulnerable



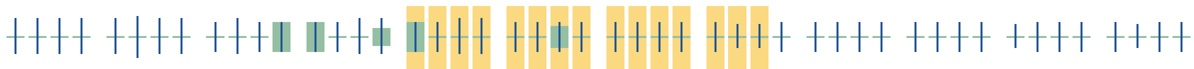
Common Loon
Non-BCC
Vulnerable



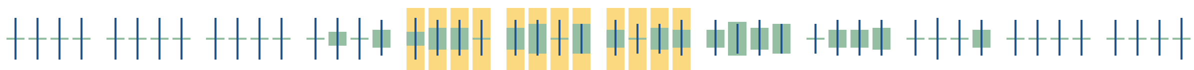
Dovekie
Non-BCC
Vulnerable



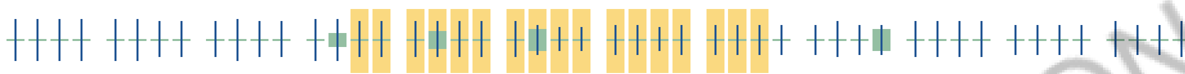
Eastern Whip-poor-will
BCC Rangewide (CON)



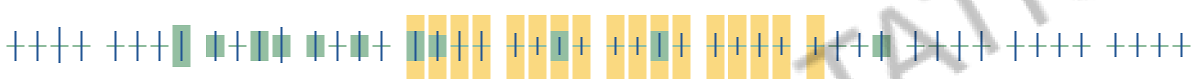
Gull-billed Tern
BCC Rangewide (CON)



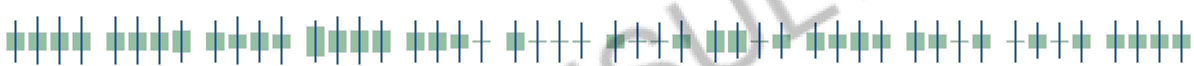
Kentucky Warbler
BCC Rangewide (CON)



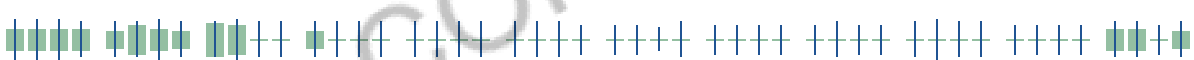
King Rail
BCC Rangewide (CON)



Lesser Yellowlegs
BCC Rangewide (CON)

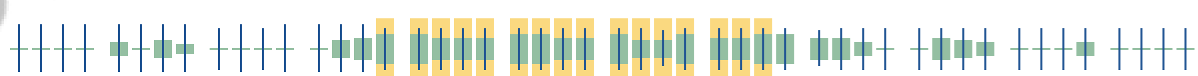


Long-tailed Duck
Non-BCC
Vulnerable

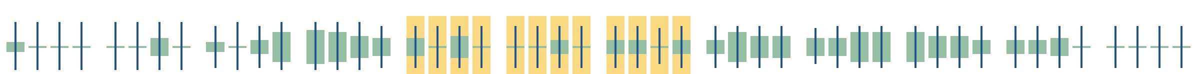


Marbled Godwit
BCC Rangewide (CON)

Painted Bunting
BCC - BCR

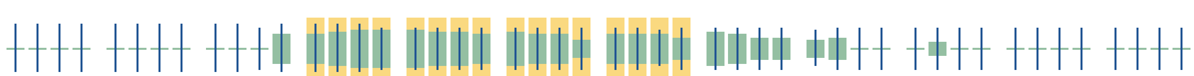


Prairie Warbler
BCC Rangewide (CON)

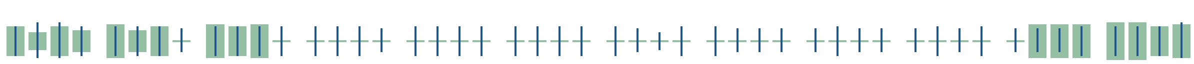


SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Prothonotary Warbler
BCC Rangewide (CON)

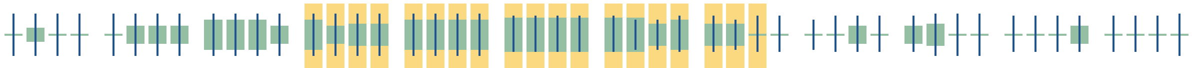


Purple Sandpiper
BCC Rangewide (CON)

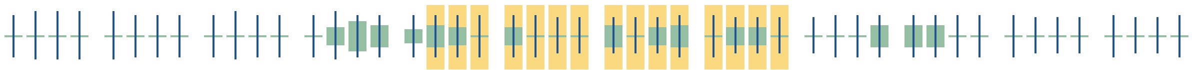


Razorbill
Non-BCC
Vulnerable
Red-breasted
Merganser
Non-BCC
Vulnerable
Red-headed
Woodpecker
BCC Rangewide
(CON)
Red-throated
Loon
Non-BCC
Vulnerable
Ring-billed Gull
Non-BCC
Vulnerable
Royal Tern
Non-BCC
Vulnerable
Ruddy
Turnstone
BCC - BCR
Rusty Blackbird
BCC - BCR
Short-billed
Dowitcher
BCC Rangewide
(CON)
Surf Scoter
Non-BCC
Vulnerable
SPECIES
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Swallow-tailed
Kite
BCC Rangewide
(CON)
White-winged
Scoter
Non-BCC
Vulnerable
Willet
BCC Rangewide
(CON)

Wilson's Plover
BCC Rangewide
(CON)



Wood Thrush
BCC Rangewide
(CON)



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Marine mammals

Marine mammals are protected under the Marine Mammal Protection Act. Some are also protected under the Endangered Species Act[1] and the Convention on International Trade in Endangered Species of Wild Fauna and Flora[2].

The responsibilities for the protection, conservation, and management of marine mammals are shared by the U.S. Fish and Wildlife Service [responsible for otters, walruses, polar bears, manatees, and dugongs] and NOAA Fisheries[3] [responsible for seals, sea lions, whales, dolphins, and porpoises]. Marine mammals under the responsibility of NOAA Fisheries are **not** shown on this list; for additional information on those species please visit the Marine Mammals page of the NOAA Fisheries website.

The Marine Mammal Protection Act prohibits the take (to harass, hunt, capture, kill, or attempt to harass, hunt, capture or kill) of marine mammals and further coordination may be necessary for project evaluation. Please contact the U.S. Fish and Wildlife Service Field Office shown.

1. The Endangered Species Act (ESA) of 1973.
2. The Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) is a treaty to ensure that international trade in plants and animals does not threaten their survival in the wild.
3. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following marine mammals under the responsibility of the U.S. Fish and Wildlife Service are potentially affected by activities in this location:

NAME
West Indian Manatee Trichechus manatus https://ecos.fws.gov/ecp/species/4469

Coastal Barrier Resources System

Projects within the John H. Chafee Coastal Barrier Resources System (CBRS) may be subject to the restrictions on Federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local Ecological Services Field Office or visit the CBRA

Consultations website. The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

This location overlaps the following CBRS unit(s):

System Unit (SU)

Most new Federal expenditures and financial assistance, including Federal flood insurance, are prohibited within System Units. ***Federally-funded projects within System Units require consultation with the Service.*** *Consultation is not required for projects using private, state, or local funds.*

SC-03 - SU 11/16/1990 - FI 11/16/1990
SC-03 - SU 12/18/2014 - FI 12/18/2014

Data limitations

The CBRS boundaries used in IPaC are representations of the controlling boundaries, which are depicted on the official CBRS maps. The boundaries depicted in this layer are not to be considered authoritative for in/out determinations close to a CBRS boundary (i.e., within the "CBRS Buffer Zone" that appears as a hatched area on either side of the boundary). For projects that are very close to a CBRS boundary but do not clearly intersect a unit, you may contact the Service for an official determination by following the instructions here: https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation

Data exclusions

CBRS units extend seaward out to either the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS data, therefore projects in the offshore areas of units (e.g., dredging, breakwaters, offshore wind energy or oil and gas projects) may be subject to CBRA even if they do not intersect the CBRS data. For additional information, please contact CBRA@fws.gov.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

This location overlaps the following National Wildlife Refuge lands:

LAND	ACRES
WACCAMAW NATIONAL WILDLIFE REFUGE	24,196.42 acres

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

APPENDIX D
QUALIFICATION OF CONTRIBUTORS

Investigator:	Veronica Miller
Education:	Masters of Environmental Science; Florida Gulf Coast University, 2018 B.S. Biology; The University of Scranton, 2015
Experience:	Environmental Scientist, Mead & Hunt 2018-Present; Basic and Advanced Wetland Delineation Training Certified; Interagency Consultation for Endangered Species (Section 7) Training Certified; Surface Water Identification Certified (NCDEQ).
Responsibilities:	Wetland delineation, biological surveys, GPS point collection, GIS products, T/E species assessment.

Investigator:	Steve Brown, P.E.
Education:	B.S. Civil/Environmental Engineering; North Carolina State University, 1991.
Experience:	Over 15 years' experience in environmental consulting; Environmental Services Supervisor with Mead & Hunt.
Responsibilities:	QAQC of environmental documentation.

APPENDIX F

Floodplains Checklist

South Carolina Department of Transportation
Location and Hydraulic Design of Encroachments on Floodplains Checklist

23 CFR 650, this regulation shall apply to all encroachments and to all actions which affect base floodplains, except for repairs made with emergency funds. Note: These studies shall be summarized in the environmental review documents prepared pursuant to 23 CFR 771.

I. PROJECT DESCRIPTION

The Southern Evacuation Lifeline (SELL) is a proposed 29-mile limited access highway in Horry County, South Carolina. The purpose of the project is to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River.

A. Narrative Describing Purpose and Need for Project
   a. Relevant Project History:
   b. General Project Description and Nature of Work (attach Location and Project Map):
   c. Major Issues and Concerns:

A - There are sixteen (16) corridor alternatives that are currently being analyzed. Each begin at the existing intersection of US 501 and SC 22 northeast of the City of Conway in Horry County. **B** – Please see Project Description above and attached FEMA Floodplain Mapping for project location for each alternative. **C** - No major issues or concerns have developed.

B. Are there any floodplain(s) regulated by FEMA located in the project area?
   Yes☒ Varying degrees of floodplain within each Alternative (please see attached maps)
   No☐

C. Will the placing of fill occur within a 100-year floodplain?
   Yes☒ Varying degrees of fill within 100-year floodplains will occur within each Alternative (please see attached maps)
   No☐

D. Will the existing profile grade be raised within the floodplain?

Some alternative alignments include proposed interchanges at existing roadways that may include raising the existing roadway profile. The majority of floodplain impacts are new location alignments.

E. If applicable, please discuss the practicability of alternatives to any longitudinal encroachments.

This project includes alternative alignments with varying degrees of longitudinal floodplain encroachments. Minimizing impacts to other resources and roadway geometry limitations are additional considerations that limit the practicability eliminating all longitudinal encroachments.

F. Please include a discussion of the following: commensurate with the significance of the risk or environmental impact for all alternatives containing encroachments and those actions which would support base floodplain development:

   a. What are the risks associated with implementation of the action?

While the majority of encroachments are likely to be accompanied by risks commensurate with typical roadway floodplain encroachments, some encroachments studied as part of this project may impact insurable structures.

   b. What are the impacts on the natural and beneficial floodplain values?

Roadway encroachments will reduce the flood carrying capacity of the floodplain system, potentially increasing the base flood elevation for impacted floodplains within the vicinity of the encroachment.

   c. What measures were used to minimize floodplain impacts associated with the action?

Preliminary hydraulic structures at floodplain encroachments were designed following SCDOT Hydraulic Bridge Design Criteria, which were developed in accordance with FEMA, FHWA, and SCDNR guidelines.

   d. Were any measures used to restore and preserve the natural and beneficial floodplain values impacted by the action?

At this early stage of project development, no floodplain restoration or perseveration measures have been considered.

G. Please discuss the practicability of alternatives to any significant encroachments or any support of incompatible floodplain development.

The project includes alternative alignments, all with varying degrees of floodplain encroachments. Due to the nature of linear transportation projects and the topography and hydrology of the project site, elimination of significant floodplain encroachments is not practicable due to cost, constructability, and maintenance considerations.

H. Were local, state, and federal water resources and floodplain management agencies consulted to determine if the proposed highway action is consistent with existing watershed and floodplain management programs and to obtain current information on development and proposed actions in the affected? Please include agency documentation.

At this early stage of project development, coordination with such agencies has not yet been initiated.

APPENDIX G

Farmlands and Soil Resource Report

United States Department of Agriculture

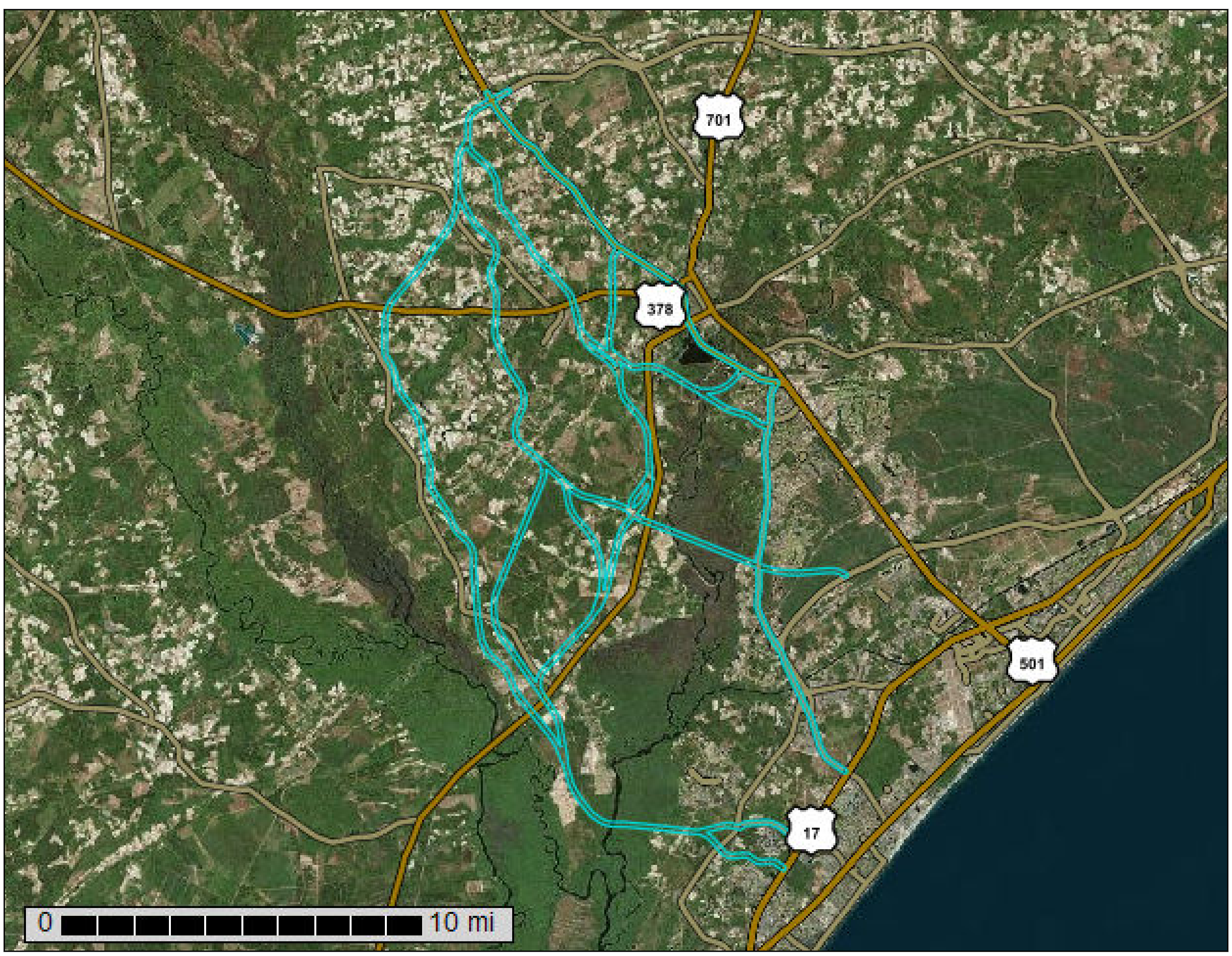
NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for

Horry County, South Carolina



July 26, 2022

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Contents

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

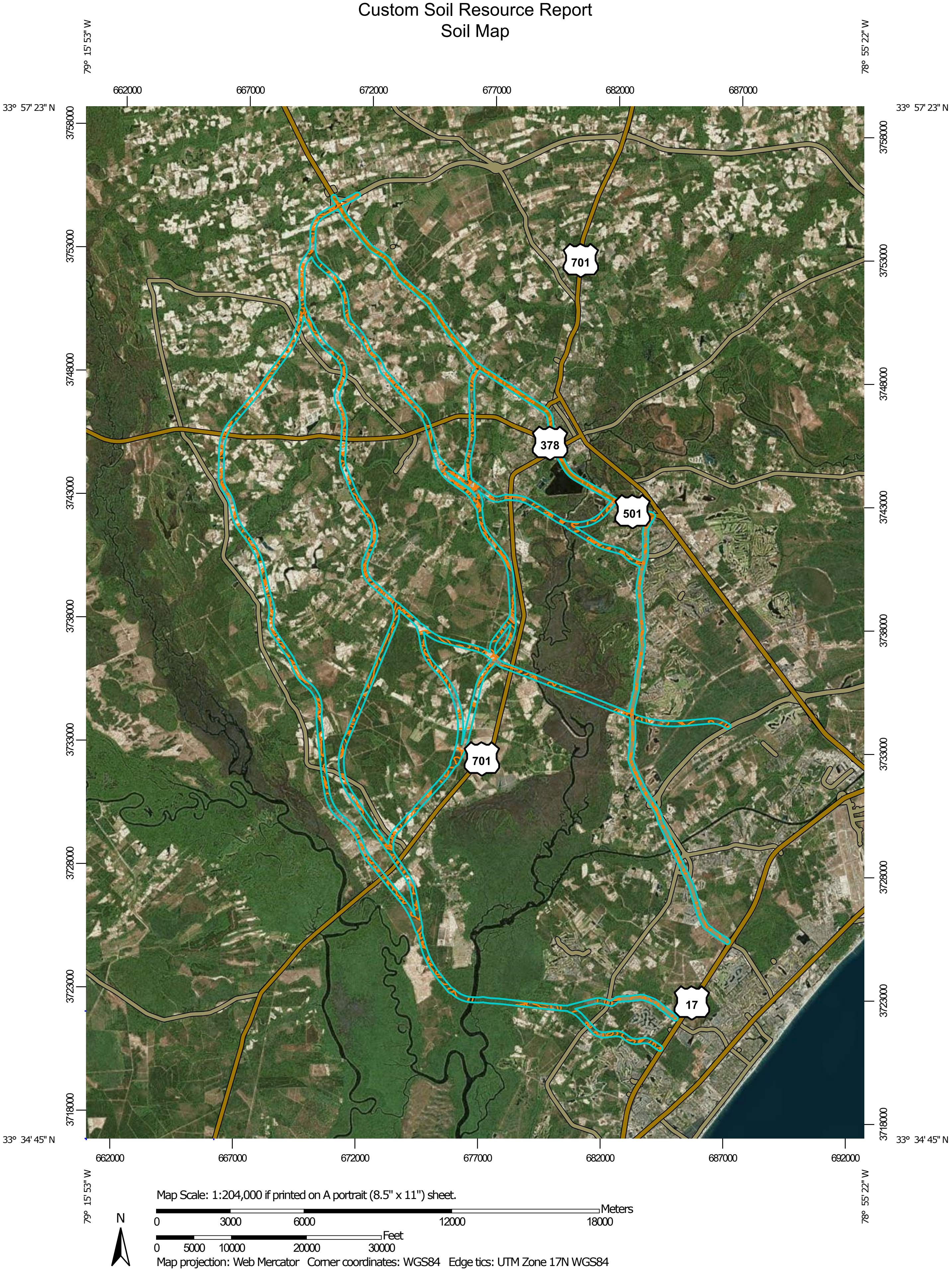
Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Soil Map


79° 15' 53" W
78° 55' 22" W
33° 57' 23" N
33° 34' 45" N
662000
667000
672000
677000
682000
687000
692000
3758000
3753000
3748000
3743000
3738000
3733000
3728000
3723000
3718000
701
378
501
17
Map Scale: 1:204,000 if printed on A portrait (8.5" x 11") sheet.
Meters
0 3000 6000 12000 18000
Feet
0 5000 10000 20000 30000
N
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons

Soil Map Unit Lines

Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

Spoil Area

Stony Spot

Very Stony Spot

Wet Spot

Other

Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Horry County, South Carolina
Survey Area Data: Version 24, Aug 30, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 1, 1999—Dec 31, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Bd	Bladen fine sandy loam	1,121.1	11.6%
BnA	Blanton sand, 0 to 6 percent slopes	27.8	0.3%
Br	Brookman loam	30.7	0.3%
Ce	Centenary fine sand	313.1	3.2%
Co	Coxville fine sandy loam	9.6	0.1%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	18.8	0.2%
Ec	Echaw sand	629.5	6.5%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	741.7	7.7%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	126.7	1.3%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	162.6	1.7%
Ho	Hobcaw fine sandy loam	127.1	1.3%
Hy	Hobonny muck	279.8	2.9%
Jo	Johnston loam	228.5	2.4%
KeB	Kenansville fine sand, 0 to 6 percent slopes	344.3	3.6%
LaB	Lakeland sand, 0 to 6 percent slopes	432.8	4.5%
Le	Leon fine sand	302.8	3.1%
Ln	Lynchburg loamy fine sand	70.0	0.7%
Ly	Lynn Haven sand	332.0	3.4%
Me	Meggett loam	410.5	4.2%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	207.9	2.1%
Og	Ogeechee loamy fine sand	570.2	5.9%
Os	Osier loamy sand	36.7	0.4%
Po	Pocomoke fine sandy loam	133.7	1.4%
Ru	Rutlege loamy sand	69.9	0.7%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	46.0	0.5%
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	42.8	0.4%
Ud	Udorthents and Udipsamments, well drained	25.8	0.3%
W	Water	115.3	1.2%
Wa	Wahee fine sandy loam	559.0	5.8%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
We	Witherbee sand	72.9	0.8%
Wo	Woodington fine sandy loam	108.9	1.1%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	1,199.1	12.4%
Ye	Yemassee loamy fine sand	691.2	7.1%
Yo	Yonges fine sandy loam	83.1	0.9%
Totals for Area of Interest		**9,672.5**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Horry County, South Carolina

Bd—Bladen fine sandy loam

Map Unit Setting

National map unit symbol: 4cdx
Elevation: 10 to 60 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Bladen and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bladen

Setting

Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Clayey marine deposits

Typical profile

A - 0 to 6 inches: fine sandy loam
Btg - 6 to 62 inches: clay

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Hydrologic Soil Group: C/D
Hydric soil rating: Yes

BnA—Blanton sand, 0 to 6 percent slopes

Map Unit Setting

National map unit symbol: 4cdy

Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition
Blanton and similar soils: 85 percent
Minor components: 3 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Blanton

Setting
Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile
A - 0 to 11 inches: sand
E - 11 to 58 inches: sand
Bt - 58 to 75 inches: sandy clay loam

Properties and qualities
Slope: 0 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 60 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3s
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Osier
Percent of map unit: 3 percent
Landform: Depressions, stream terraces, flood plains
Landform position (three-dimensional): Tread, dip
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Br—Brookman loam

Map Unit Setting

National map unit symbol: 4cf0
Elevation: 0 to 20 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Brookman and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Brookman

Setting

Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Clayey marine deposits

Typical profile

Ap - 0 to 10 inches: loam
Btg - 10 to 46 inches: clay
BCg - 46 to 60 inches: sandy clay loam
Cg - 60 to 68 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 10.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D
Hydric soil rating: Yes

Ce—Centenary fine sand

Map Unit Setting

National map unit symbol: 4cf1
Elevation: 0 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Centenary and similar soils: 85 percent
Minor components: 4 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Centenary

Setting

Landform: Flats
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: fine sand
E - 5 to 68 inches: fine sand
Bh - 68 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 42 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3s
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Osier

Percent of map unit: 4 percent
Landform: Depressions, stream terraces, flood plains

Landform position (three-dimensional): Tread, dip
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Co—Coxville fine sandy loam

Map Unit Setting

National map unit symbol: 4cf3
Elevation: 30 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Coxville and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Coxville

Setting

Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Clayey marine deposits

Typical profile

A - 0 to 8 inches: fine sandy loam
Btg - 8 to 60 inches: clay
Bcg - 60 to 72 inches: sandy clay

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 9.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C/D
Hydric soil rating: Yes

DuA—Duplin loamy fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 4cf4
Elevation: 30 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Duplin and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Duplin

Setting

Landform: Flats
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Clayey marine deposits

Typical profile

A - 0 to 9 inches: fine sandy loam
E - 9 to 17 inches: loamy fine sand
Bt - 17 to 35 inches: clay
BC - 35 to 70 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 24 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 9.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: C
Hydric soil rating: No

Ec—Echaw sand

Map Unit Setting

National map unit symbol: 4cf5
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Echaw and similar soils: 95 percent
Minor components: 4 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Echaw

Setting

Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 4 inches: sand
E - 4 to 36 inches: sand
Bh - 36 to 72 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (1.98 to 19.98 in/hr)
Depth to water table: About 30 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3s
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Rutlege

Percent of map unit: 2 percent
Landform: Depressions, drainageways, flood plains, carolina bays

Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Leon

Percent of map unit: 2 percent
Landform: Flats, depressions
Landform position (three-dimensional): Talf, dip
Down-slope shape: Linear, concave
Across-slope shape: Linear, concave
Hydric soil rating: Yes

EuA—Eulonia loamy fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 4cf7
Elevation: 10 to 100 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Eulonia and similar soils: 90 percent
Minor components: 6 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Eulonia

Setting

Landform: Flats
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Clayey marine deposits

Typical profile

Ap - 0 to 8 inches: loamy fine sand
E - 8 to 12 inches: fine sandy loam
Bt - 12 to 40 inches: clay
BC - 40 to 55 inches: sandy clay loam
C - 55 to 80 inches: loamy sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)

Depth to water table: About 18 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: C/D
Hydric soil rating: No

Minor Components

Meggett

Percent of map unit: 2 percent
Landform: Drainageways, flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Bladen

Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Ogeechee

Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

EuB—Eulonia loamy fine sand, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 4cf8
Elevation: 10 to 100 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Eulonia and similar soils: 92 percent
Minor components: 6 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Eulonia

Setting

Landform: Marine terraces
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Side slope, interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Clayey marine deposits

Typical profile

Ap - 0 to 8 inches: loamy fine sand
E - 8 to 12 inches: fine sandy loam
Bt - 12 to 40 inches: clay
BC - 40 to 55 inches: sandy clay loam
C - 55 to 80 inches: loamy sand

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 18 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: C/D
Hydric soil rating: No

Minor Components

Bladen

Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Meggett

Percent of map unit: 2 percent
Landform: Drainageways, flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Ogeechee

Percent of map unit: 2 percent
Landform: Flats, depressions
Landform position (three-dimensional): Talf

Down-slope shape: Linear, concave
Across-slope shape: Linear, concave
Hydric soil rating: Yes

GoA—Goldsboro loamy fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 4cf9
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Goldsboro and similar soils: 96 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Goldsboro

Setting

Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

Ap - 0 to 7 inches: loamy fine sand
Bt - 7 to 31 inches: sandy clay loam
Btg - 31 to 72 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 24 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: B
Hydric soil rating: No

Minor Components

Woodington

Percent of map unit: 2 percent
Landform: Depressions, stream terraces, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: Yes

Ho—Hobcaw fine sandy loam

Map Unit Setting

National map unit symbol: 4cfb
Elevation: 20 to 60 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Hobcaw and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hobcaw

Setting

Landform: Depressions, drainageways, flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Loamy fluviomarine deposits

Typical profile

A - 0 to 15 inches: fine sandy loam
Btg - 15 to 48 inches: sandy loam
Cg - 48 to 68 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 7.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: B/D
Hydric soil rating: Yes

Hy—Hobonny muck

Map Unit Setting

National map unit symbol: 4cfc
Elevation: 10 to 20 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Hobonny and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hobonny

Setting

Landform: Depressions, drainageways, flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Concave, linear
Parent material: Loamy alluvium

Typical profile

Oa - 0 to 80 inches: muck

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Very high (about 13.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

Jo—Johnston loam

Map Unit Setting

National map unit symbol: 4cfd
Elevation: 10 to 60 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Johnston and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Johnston

Setting

Landform: Depressions, drainageways, flood plains, carolina bays
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Loamy alluvium

Typical profile

A - 0 to 30 inches: loam
Cg1 - 30 to 45 inches: loamy sand
Cg2 - 45 to 70 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 0 to 1 inches
Frequency of flooding: NoneFrequent
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

KeB—Kenansville fine sand, 0 to 6 percent slopes

Map Unit Setting

National map unit symbol: 4cff
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Kenansville and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kenansville

Setting

Landform: Marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Sandy marine deposits

Typical profile

A - 0 to 8 inches: fine sand
E - 8 to 28 inches: fine sand
Bt - 28 to 51 inches: sandy loam
C - 51 to 70 inches: sand

Properties and qualities

Slope: 0 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 48 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 5.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2s
Hydrologic Soil Group: A
Hydric soil rating: No

LaB—Lakeland sand, 0 to 6 percent slopes

Map Unit Setting

National map unit symbol: 4cfg
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Lakeland and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lakeland

Setting

Landform: Marine terraces
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Interfluve, side slope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Sandy marine deposits

Typical profile

A - 0 to 8 inches: sand
C - 8 to 82 inches: sand

Properties and qualities

Slope: 0 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Very low (about 3.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4s
Hydrologic Soil Group: A
Hydric soil rating: No

Le—Leon fine sand

Map Unit Setting

National map unit symbol: 4cfh
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Leon and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Leon

Setting

Landform: Flats, depressions
Landform position (three-dimensional): Talf, dip
Down-slope shape: Linear, concave
Across-slope shape: Linear, concave
Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: sand
E - 5 to 9 inches: sand
Bh - 9 to 20 inches: sand
E' - 20 to 40 inches: sand
B'h - 40 to 72 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Very low (about 2.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

Ln—Lynchburg loamy fine sand

Map Unit Setting

National map unit symbol: 4cfj
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Lynchburg and similar soils: 94 percent
Minor components: 4 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lynchburg

Setting

Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 8 inches: loamy fine sand
Bt - 8 to 13 inches: sandy clay loam
Btg - 13 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 18 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: B/D
Hydric soil rating: No

Minor Components

Woodington

Percent of map unit: 2 percent
Landform: Depressions, flats, stream terraces

Landform position (three-dimensional): Dip, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: Yes

Coxville
Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Ly—Lynn Haven sand

Map Unit Setting
National map unit symbol: 4cfk
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition
Lynn haven and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lynn Haven

Setting
Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Sandy marine deposits

Typical profile
A - 0 to 10 inches: sand
E - 10 to 13 inches: sand
Bh - 13 to 75 inches: sand

Properties and qualities
Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: None
Frequency of ponding: None

Available water supply, 0 to 60 inches: Moderate (about 8.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

Me—Meggett loam

Map Unit Setting

National map unit symbol: 4cfl
Elevation: 10 to 80 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Meggett and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Meggett

Setting

Landform: Drainageways, flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Concave, linear
Parent material: Clayey fluviomarine deposits

Typical profile

A - 0 to 4 inches: loam
Btg - 4 to 46 inches: clay loam
Cg - 46 to 72 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: NoneFrequent
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: C/D
Hydric soil rating: Yes

NeA—Nansemond loamy fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 4cfn
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Nansemond and similar soils: 95 percent
Minor components: 4 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Nansemond

Setting

Landform: Flats, stream terraces
Landform position (three-dimensional): Tread, rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 8 inches: loamy fine sand
E - 8 to 12 inches: loamy fine sand
Bt - 12 to 32 inches: fine sandy loam
BC - 32 to 54 inches: loamy fine sand
C - 54 to 72 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 18 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 5.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: A/D
Hydric soil rating: No

Minor Components

Rutlege

Percent of map unit: 2 percent
Landform: Depressions, drainageways, flood plains, carolina bays
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Woodington

Percent of map unit: 2 percent
Landform: Depressions, flats, stream terraces
Landform position (three-dimensional): Dip, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: Yes

Og—Ogeechee loamy fine sand

Map Unit Setting

National map unit symbol: 4cfr
Elevation: 20 to 100 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Ogeechee and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ogeechee

Setting

Landform: Depressions, flats
Landform position (three-dimensional): Talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 5 inches: loamy fine sand
Eg - 5 to 10 inches: loamy fine sand
Btg - 10 to 54 inches: sandy clay loam
BCg - 54 to 60 inches: sandy loam
Cg - 60 to 72 inches: loamy sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D
Hydric soil rating: Yes

Os—Osier loamy sand

Map Unit Setting

National map unit symbol: 4cfs
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Osier and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Osier

Setting

Landform: Depressions, stream terraces, flood plains
Landform position (three-dimensional): Tread, dip
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 8 inches: loamy sand
Cg - 8 to 65 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: NoneFrequent

Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 4.2 inches)

Interpretive groups
Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

Po—Pocomoke fine sandy loam

Map Unit Setting
National map unit symbol: 4cft
Elevation: 10 to 60 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition
Pocomoke and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pocomoke

Setting
Landform: Depressions, drainageways, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Loamy marine deposits

Typical profile
A - 0 to 11 inches: fine sandy loam
E - 11 to 16 inches: loamy sand
Btg - 16 to 36 inches: sandy loam
Cg1 - 36 to 54 inches: loamy sand
Cg2 - 54 to 72 inches: sandy clay loam

Properties and qualities
Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.1 inches)

Interpretive groups
Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: B/D
Hydric soil rating: Yes

Ru—Rutlege loamy sand

Map Unit Setting

National map unit symbol: 4cfw
Elevation: 10 to 60 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Rutlege and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rutlege

Setting

Landform: Depressions, drainageways, flood plains, carolina bays
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Sandy fluviomarine deposits

Typical profile

A - 0 to 12 inches: loamy sand
Cg - 12 to 72 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 3.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

SfA—Suffolk loamy fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 4cfx
Elevation: 20 to 100 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Suffolk and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Suffolk

Setting

Landform: Marine terraces
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 8 inches: loamy fine sand
E - 8 to 14 inches: loamy fine sand
Bt - 14 to 44 inches: sandy clay loam
C - 44 to 72 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: B
Hydric soil rating: No

SfB—Suffolk loamy fine sand, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 4cfy
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Suffolk and similar soils: 90 percent
Minor components: 6 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Suffolk

Setting

Landform: Marine terraces
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Side slope, interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy marine deposits

Typical profile

A - 0 to 8 inches: loamy fine sand
E - 8 to 14 inches: loamy fine sand
Bt - 14 to 44 inches: sandy clay loam
C - 44 to 72 inches: sandy loam

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B
Hydric soil rating: No

Minor Components

Rutlege

Percent of map unit: 2 percent
Landform: Depressions, carolina bays, flood plains, drainageways
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Woodington

Percent of map unit: 2 percent
Landform: Depressions, flats, stream terraces
Landform position (three-dimensional): Dip, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Hydric soil rating: Yes

Coxville

Percent of map unit: 2 percent
Landform: Flats, depressions
Landform position (three-dimensional): Dip, talf
Down-slope shape: Linear, concave
Across-slope shape: Linear, concave
Hydric soil rating: Yes

Ud—Udorthents and Udipsamments, well drained

Map Unit Setting

National map unit symbol: 4cg0
Elevation: 0 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Udorthents and similar soils: 51 percent
Udipsamments and similar soils: 49 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Udorthents

Setting

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

C - 0 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Very low to high (0.00 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Hydric soil rating: No

Description of Udipsamments

Setting

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

C - 0 to 60 inches: sand

Properties and qualities

Slope: 0 to 15 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 4.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6s
Hydrologic Soil Group: A
Hydric soil rating: No

W—Water

Map Unit Setting

National map unit symbol: 4cg1
Mean annual precipitation: 48 to 50 inches

Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Water: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Wa—Wahee fine sandy loam

Map Unit Setting

National map unit symbol: 4cg2
Elevation: 10 to 100 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Wahee and similar soils: 90 percent
Minor components: 6 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wahee

Setting

Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Clayey marine deposits

Typical profile

A - 0 to 7 inches: fine sandy loam
E - 7 to 11 inches: loam
Bt - 11 to 15 inches: clay loam
Btg - 15 to 56 inches: clay
BCg - 56 to 65 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 18 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 9.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: C/D
Hydric soil rating: No

Minor Components

Ogeechee

Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Bladen

Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Meggett

Percent of map unit: 2 percent
Landform: Drainageways, flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

We—Witherbee sand

Map Unit Setting

National map unit symbol: 4cg3
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Not prime farmland

Map Unit Composition

Witherbee and similar soils: 90 percent
Minor components: 6 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Witherbee

Setting

Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear

Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: sand
E - 5 to 22 inches: sand
Bh - 22 to 80 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 3.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: A/D
Hydric soil rating: No

Minor Components

Leon

Percent of map unit: 2 percent
Landform: Flats, depressions
Landform position (three-dimensional): Talf, dip
Down-slope shape: Linear, concave
Across-slope shape: Linear, concave
Hydric soil rating: Yes

Rutlege

Percent of map unit: 2 percent
Landform: Depressions, drainageways, carolina bays, flood plains
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Lynn haven

Percent of map unit: 2 percent
Landform: Flats, depressions
Landform position (three-dimensional): Talf, dip
Down-slope shape: Linear, concave
Across-slope shape: Linear, concave
Hydric soil rating: Yes

Wo—Woodington fine sandy loam

Map Unit Setting

National map unit symbol: 4cg4
Elevation: 10 to 110 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Woodington and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Woodington

Setting

Landform: Depressions, flats, stream terraces
Landform position (three-dimensional): Dip, talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 8 inches: fine sandy loam
E - 8 to 14 inches: fine sandy loam
Btg - 14 to 47 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: A/D
Hydric soil rating: Yes

YaA—Yauhannah fine sandy loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 4cg5
Elevation: 10 to 100 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Yauhannah and similar soils: 90 percent
Minor components: 4 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Yauhannah

Setting

Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

Ap - 0 to 8 inches: fine sandy loam
Bt - 8 to 40 inches: sandy clay loam
BC - 40 to 48 inches: sandy loam
C - 48 to 72 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 18 to 30 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 7.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: B/D
Hydric soil rating: No

Minor Components

Bladen

Percent of map unit: 2 percent

Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Ogeechee

Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Ye—Yemassee loamy fine sand

Map Unit Setting

National map unit symbol: 4cg6
Elevation: 10 to 100 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Yemassee and similar soils: 90 percent
Minor components: 4 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Yemassee

Setting

Landform: Flats
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 7 inches: loamy fine sand
E - 7 to 14 inches: loamy fine sand
Btg - 14 to 46 inches: sandy clay loam
BCg - 46 to 56 inches: sandy loam
Cg - 56 to 72 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 7.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: B/D
Hydric soil rating: No

Minor Components

Ogeechee

Percent of map unit: 2 percent
Landform: Depressions, flats
Landform position (three-dimensional): Talf
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Hydric soil rating: Yes

Bladen

Percent of map unit: 2 percent
Landform: Flats, depressions
Landform position (three-dimensional): Dip, talf
Down-slope shape: Linear, concave
Across-slope shape: Linear, concave
Hydric soil rating: Yes

Yo—Yonges fine sandy loam

Map Unit Setting

National map unit symbol: 4cg7
Elevation: 10 to 80 feet
Mean annual precipitation: 48 to 50 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 250 to 285 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Yonges and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Yonges

Setting

Landform: Depressions, flats
Landform position (three-dimensional): Dip, talf
Down-slope shape: Concave, linear

Across-slope shape: Concave, linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 16 inches: fine sandy loam
Btg - 16 to 40 inches: sandy clay loam
BCg - 40 to 68 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C/D
Hydric soil rating: Yes

Soil Information for All Uses

Suitabilities and Limitations for Use

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

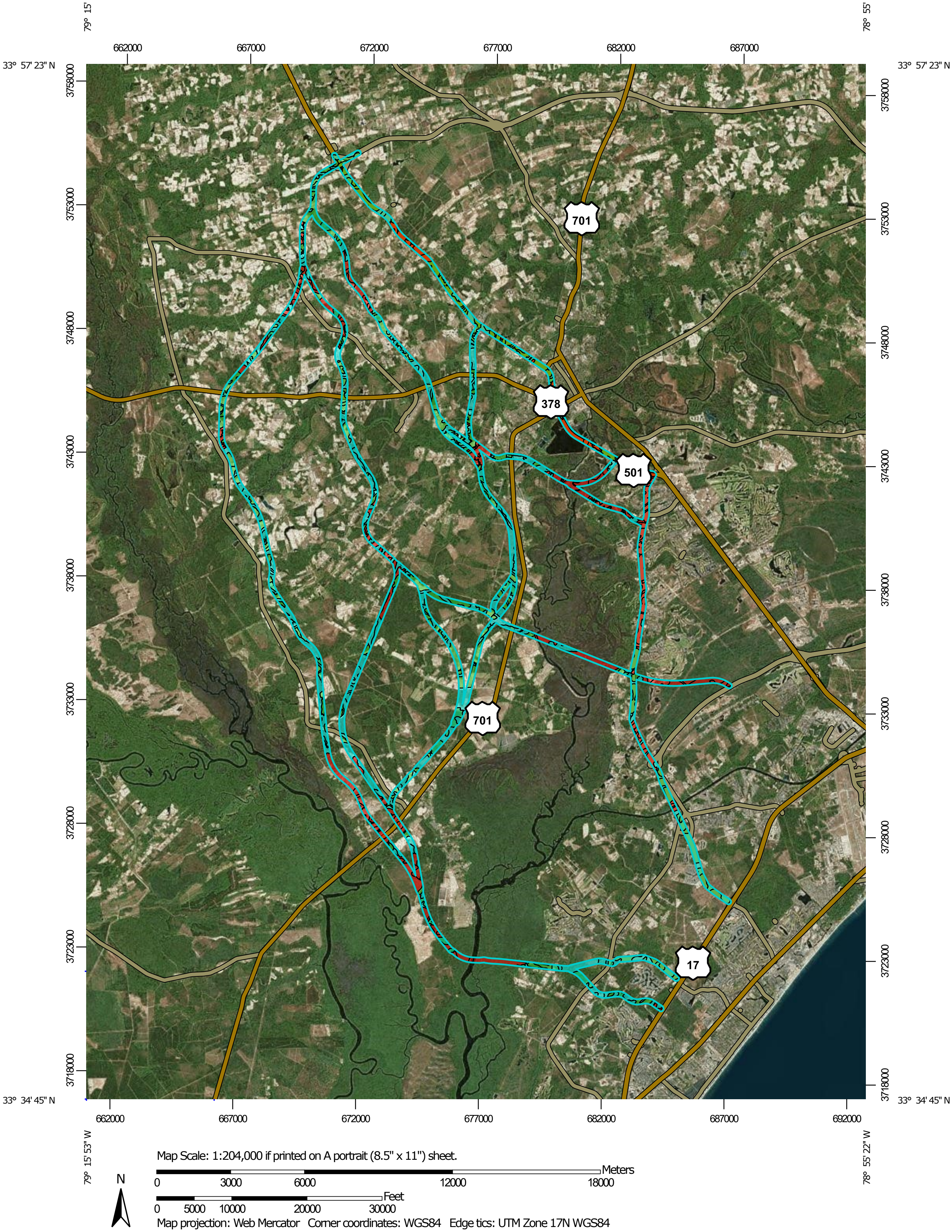
Land Classifications

Land Classifications are specified land use and management groupings that are assigned to soil areas because combinations of soil have similar behavior for specified practices. Most are based on soil properties and other factors that directly influence the specific use of the soil. Example classifications include ecological site classification, farmland classification, irrigated and nonirrigated land capability classification, and hydric rating.

Farmland Classification (SELL Farmland)

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Map—Farmland Classification (SELL Farmland)



Map Scale: 1:204,000 if printed on A portrait (8.5" x 11") sheet.

Meters: 0 3000 6000 12000 18000

Feet: 0 5000 10000 20000 30000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated
- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Soil Rating Lines

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated
- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Soil Rating Points

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Horry County, South Carolina
Survey Area Data: Version 24, Aug 30, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 1, 1999—Dec 31, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Table—Farmland Classification (SELL Farmland)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Bd	Bladen fine sandy loam	Farmland of statewide importance	1,121.1	11.6%
BnA	Blanton sand, 0 to 6 percent slopes	Not prime farmland	27.8	0.3%
Br	Brookman loam	Farmland of statewide importance	30.7	0.3%
Ce	Centenary fine sand	Not prime farmland	313.1	3.2%
Co	Coxville fine sandy loam	Farmland of statewide importance	9.6	0.1%
DuA	Duplin loamy fine sand, 0 to 2 percent slopes	All areas are prime farmland	18.8	0.2%
Ec	Echaw sand	Not prime farmland	629.5	6.5%
EuA	Eulonia loamy fine sand, 0 to 2 percent slopes	All areas are prime farmland	741.7	7.7%
EuB	Eulonia loamy fine sand, 2 to 6 percent slopes	All areas are prime farmland	126.7	1.3%
GoA	Goldsboro loamy fine sand, 0 to 2 percent slopes	All areas are prime farmland	162.6	1.7%
Ho	Hobcaw fine sandy loam	Farmland of statewide importance	127.1	1.3%
Hy	Hobonny muck	Not prime farmland	279.8	2.9%
Jo	Johnston loam	Not prime farmland	228.5	2.4%
KeB	Kenansville fine sand, 0 to 6 percent slopes	Farmland of statewide importance	344.3	3.6%
LaB	Lakeland sand, 0 to 6 percent slopes	Not prime farmland	432.8	4.5%
Le	Leon fine sand	Not prime farmland	302.8	3.1%
Ln	Lynchburg loamy fine sand	Prime farmland if drained	70.0	0.7%
Ly	Lynn Haven sand	Not prime farmland	332.0	3.4%
Me	Meggett loam	Farmland of statewide importance	410.5	4.2%
NeA	Nansemond loamy fine sand, 0 to 2 percent slopes	All areas are prime farmland	207.9	2.1%
Og	Ogeechee loamy fine sand	Farmland of statewide importance	570.2	5.9%
Os	Osier loamy sand	Not prime farmland	36.7	0.4%
Po	Pocomoke fine sandy loam	Not prime farmland	133.7	1.4%
Ru	Rutlege loamy sand	Not prime farmland	69.9	0.7%
SfA	Suffolk loamy fine sand, 0 to 2 percent slopes	All areas are prime farmland	46.0	0.5%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
SfB	Suffolk loamy fine sand, 2 to 6 percent slopes	All areas are prime farmland	42.8	0.4%
Ud	Udorthents and Udipsamments, well drained	Not prime farmland	25.8	0.3%
W	Water	Not prime farmland	115.3	1.2%
Wa	Wahee fine sandy loam	Farmland of statewide importance	559.0	5.8%
We	Witherbee sand	Not prime farmland	72.9	0.8%
Wo	Woodington fine sandy loam	Farmland of statewide importance	108.9	1.1%
YaA	Yauhannah fine sandy loam, 0 to 2 percent slopes	All areas are prime farmland	1,199.1	12.4%
Ye	Yemassee loamy fine sand	Prime farmland if drained	691.2	7.1%
Yo	Yonges fine sandy loam	Farmland of statewide importance	83.1	0.9%
Totals for Area of Interest			**9,672.5**	**100.0%**

Rating Options—Farmland Classification (SELL Farmland)

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

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U.S. DEPARTMENT OF AGRICULTURE
Natural Resources Conservation Service

NRCS-CPA-106
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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____	
1. Name of Project Southern Evacuation Lifeline Alt 1	5. Federal Agency Involved FHWA		
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina		
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated	Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %	
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS	

PART III *(To be completed by Federal Agency)*		Alternative Corridor For Segment ____			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		305			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		380			
C. Total Acres In Corridor		686	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		404			
B. Total Acres Statewide And Local Important Farmland		415			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	Maximum Points				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 2	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		315			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		391			
C. Total Acres In Corridor		706	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		415			
B. Total Acres Statewide And Local Important Farmland		417			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 3	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		326			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		368			
C. Total Acres In Corridor		694	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		325			
B. Total Acres Statewide And Local Important Farmland		501			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ? (Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request		4. Sheet 1 of ______
1. Name of Project Southern Evacuation Lifeline Alt 4	5. Federal Agency Involved FHWA		
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina		
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated	Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %	
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS	

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ______ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		335			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		379			
C. Total Acres In Corridor		714	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		335			
B. Total Acres Statewide And Local Important Farmland		503			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 5	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	

PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		323			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		426			
C. Total Acres In Corridor		749	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		431			
B. Total Acres Statewide And Local Important Farmland		456			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?
Corridor A	0		YES ☐ NO ☐

5. Reason For Selection:

Signature of ~~Person Completing this Part:~~ | ~~DATE~~

~~NOTE: Complete~~ a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 6	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		336			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		435			
C. Total Acres In Corridor		771	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		441			
B. Total Acres Statewide And Local Important Farmland		458			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 7	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*		Alternative Corridor For Segment ________			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		300			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		330			
C. Total Acres In Corridor		630	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		373			
B. Total Acres Statewide And Local Important Farmland		398			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	Maximum Points				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project **Southern Evacuation Lifeline Alt 8**	5. Federal Agency Involved **FHWA**	
2. Type of Project **Transportation Corridor**	6. County and State **Horry County South Carolina**	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		234			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		363			
C. Total Acres In Corridor		598	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		364			
B. Total Acres Statewide And Local Important Farmland		414			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	Maximum Points				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: **Corridor A**	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request — 4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 9	5. Federal Agency Involved FHWA
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS — 2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐	4. Acres Irrigated — Average Farm Size
5. Major Crop(s) — 6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used — 9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		238			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		364			
C. Total Acres In Corridor		602	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		358			
B. Total Acres Statewide And Local Important Farmland		420			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?
Corridor A	0		YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ? (Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 10	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated | Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ______			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		304			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		479			
C. Total Acres In Corridor		783	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		447			
B. Total Acres Statewide And Local Important Farmland		483			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	Maximum Points				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project **Southern Evacuation Lifeline Alt 11**	5. Federal Agency Involved **FHWA**	
2. Type of Project **Transportation Corridor**	6. County and State **Horry County South Carolina**	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*		Alternative Corridor For Segment ________			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		305			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		483			
C. Total Acres In Corridor		788	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		441			
B. Total Acres Statewide And Local Important Farmland		489			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: **Corridor A**	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 12	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Corridor A	Corridor B	Corridor C	Corridor D
		Alternative Corridor For Segment ____			
A. Total Acres To Be Converted Directly		311			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		492			
C. Total Acres In Corridor		803	0	0	0
PART IV *(To be completed by NRCS)* ***Land Evaluation Information***					
A. Total Acres Prime And Unique Farmland		457			
B. Total Acres Statewide And Local Important Farmland		485			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V ***(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)***					
PART VI ***(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))***	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 13	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		311			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		497			
C. Total Acres In Corridor		808	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		451			
B. Total Acres Statewide And Local Important Farmland		490			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	80	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	80	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	80	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project Southern Evacuation Lifeline Alt 14	5. Federal Agency Involved FHWA	
2. Type of Project Transportation Corridor	6. County and State Horry County South Carolina	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*		Alternative Corridor For Segment ____			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		5			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		16			
C. Total Acres In Corridor		21	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		103			
B. Total Acres Statewide And Local Important Farmland		41			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	Maximum Points				
1. Area in Nonurban Use	15	13			
2. Perimeter in Nonurban Use	10	8			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	76	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	76	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	76	0	0	0

1. Corridor Selected: Corridor A	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I ***(To be completed by Federal Agency)***	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project **Southern Evacuation Lifeline Alt 15**	5. Federal Agency Involved **FHWA**	
2. Type of Project **Transportation Corridor**	6. County and State **Horry County South Carolina**	
PART II ***(To be completed by NRCS)***	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III ***(To be completed by Federal Agency)***	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		4			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		13			
C. Total Acres In Corridor		17	0	0	0
PART IV ***(To be completed by NRCS) Land Evaluation Information***					
A. Total Acres Prime And Unique Farmland		105			
B. Total Acres Statewide And Local Important Farmland		55			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V ***(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)***					
PART VI ***(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))***	**Maximum Points**				
1. Area in Nonurban Use	15	13			
2. Perimeter in Nonurban Use	10	8			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	76	0	0	0
PART VII ***(To be completed by Federal Agency)***					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	76	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	76	0	0	0

1. Corridor Selected: **Corridor A**	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?
(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

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FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS

PART I *(To be completed by Federal Agency)*	3. Date of Land Evaluation Request	4. Sheet 1 of ____
1. Name of Project **Southern Evacuation Lifeline Alt 16**	5. Federal Agency Involved **FHWA**	
2. Type of Project **Transportation Corridor**	6. County and State **Horry County South Carolina**	
PART II *(To be completed by NRCS)*	1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☑ NO ☐		4. Acres Irrigated / Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS

PART III *(To be completed by Federal Agency)*	Maximum Points	Alternative Corridor For Segment ____ Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		2			
B. Total Acres To Be Converted Indirectly, Or To Receive Services		10			
C. Total Acres In Corridor		12	0	0	0
PART IV *(To be completed by NRCS) Land Evaluation Information*					
A. Total Acres Prime And Unique Farmland		113			
B. Total Acres Statewide And Local Important Farmland		36			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted		0			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V *(To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)*					
PART VI *(To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))*	**Maximum Points**				
1. Area in Nonurban Use	15	10			
2. Perimeter in Nonurban Use	10	8			
3. Percent Of Corridor Being Farmed	20	20			
4. Protection Provided By State And Local Government	20	0			
5. Size of Present Farm Unit Compared To Average	10	10			
6. Creation Of Nonfarmable Farmland	25	0			
7. Availablility Of Farm Support Services	5	5			
8. On-Farm Investments	20	20			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	73	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland (From Part V)	100				
Total Corridor Assessment (From Part VI above or a local site assessment)	160	73	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	73	0	0	0

1. Corridor Selected: **Corridor A**	2. Total Acres of Farmlands to be Converted by Project: 0	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐

5. Reason For Selection:

Signature of Person Completing this Part: | DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?
More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?
More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ? (Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with $1,000 or more in sales.)
As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?
All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?
High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?
Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?
Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

APPENDIX H

Hazardous Materials Data

SELL Project - Regulatory Review
SELL Project - Regulatory Review
Conway, SC 29527

Inquiry Number: 6226165.2s
October 15, 2020

EDR Area / Corridor Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: Superfund Enterprise Management System

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
HAGUE MARINA	3675 HAGUE DRIVE	EN642 / 34	1477

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/29/2020 has revealed that there are 8 SEMS-ARCHIVE sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
GROVE MANUFACTURING Site ID: 0405024 EPA Id: SCD073702730	S.W. OF HWY 501 ACRO	314 / 21	588
FOWLER MOTORS Site ID: 0403270 EPA Id: SCD036126175	***2351 HWY 501***	***CD339 / 21***	***608***
WOLVERINE BRASS WORK	HWY 501 E	CN375 / 21	942

Site ID: 0403285 EPA Id: SCD043973908			
HORRY COUNTY FIREWOR Site ID: 0403471 EPA Id: SCD981029093	***SC 544 (4MILES S. OF***	***408 / 20***	***1094***
AVX CORPORATION	***17TH AVENUE, SOUTH***	***FU805 / 35***	***1694***
USAF MYRTLE BEACH AF Site ID: 0403491 EPA Id: SC7570024821	***HWY 17***	***GH867 / 35***	***1882***
USAF AEROSPACE GROUN Site ID: 0403486 EPA Id: SC2570025260	***JCT AVE B & 2ND ST***	***GI869 / 35***	***1904***
MURRELS INLET DRUM S	804 INLET SQUARE DRI	HZ1063 / 43	2190

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

A review of the CORRACTS list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 CORRACTS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
WOLVERINE BRASS INC EPA ID:: SCD990704470	***2951 HWY 501 E***	***CM371 / 21***	***691***
USAF AFRPA MYRTLE BE EPA ID:: SC7570024821	***1048 AERODROME BLVD***	***GH866 / 35***	***1813***

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 RCRA-TSDF sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
WOLVERINE BRASS INC EPA ID:: SCD990704470	***2951 HWY 501 E***	***CM371 / 21***	***691***
USAF AFRPA MYRTLE BE EPA ID:: SC7570024821	***1048 AERODROME BLVD***	***GH866 / 35***	***1813***

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

A review of the RCRA-LQG list, as provided by EDR, and dated 06/15/2020 has revealed that there are 6

EXECUTIVE SUMMARY

RCRA-LQG sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
WOLVERINE BRASS INC EPA ID:: SCD990704470	***2951 HWY 501 E***	***CM371 / 21***	***691***
CONBRACO INDUSTRIES EPA ID:: SCD059918862	125 HWY 501 E	CQ386 / 21	973
TARGET STORE 0963 EPA ID:: SCR000767525	1150 SEABOARD ST	DE480 / 29	1190
AVX CORPORATION EPA ID:: SCD062690557	***17TH AVENUE, SOUTH***	***FU805 / 35***	***1694***
TARGET STORE 2742 EPA ID:: SCR000775361	140 SAYEBROOK PKWY	GO893 / 40	1934
CVS PHARMACY 5515 EPA ID:: SCR000774588	601 HWY 17 S	HL994 / 40	2074

RCRA-SQG: RCRA - Small Quantity Generators

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2020 has revealed that there are 17 RCRA-SQG sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
WALMART SUPERCENTER EPA ID:: SCR000762708	2709A CHURCH ST	G30 / 8	169
COASTAL CAROLINA UNI EPA ID:: SCR000007161	301 ALLIED DR	BX309 / 21	554
METGLAS INC EPA ID:: SCD987566817	***440 ALLIED DR***	***BX312 / 21***	***558***
LOWES OF CONWAY 1705 EPA ID:: SCR000785584	2301 E HIGHWAY 501	CA323 / 21	594
CONWAY MEDICAL CENTE EPA ID:: SCR000777656	300 SINGLETON RIDGE	CI350 / 21	654
WALMART SUPERCENTER EPA ID:: SCR000771196	151 MYRTLE RIDGE RD	CP383 / 21	957
SANTEE COOPER MYRTLE EPA ID:: SCD987589595	429 WATERSIDE DR	DR533 / 28	1307
COSTCO WHOLESALE 338 EPA ID:: SCR000765081	1021 OAK FOREST LN	DT546 / 28	1326
HOME DEPOT 1116 EPA ID:: SCR000766113	951 OAK FOREST LN	DW555 / 28	1347
ROYAL CLEANERS EPA ID:: SCD080772882	***612 BROADWAY***	***EW684 / 36***	***1521***
BAUSCH LINNEMANN NOR EPA ID:: SCR000778894	***1175 HARRELSON BLVD***	***716 / 35***	***1576***
TSA AT MYRTLE BEACH EPA ID:: SCR000765891	1100 JETPORT RD	FT791 / 35	1673
AVCRAFT SUPPORT SERV	3301 MUSTANG SERVICE	GJ873 / 35	1909

EPA ID:: SCR000768010			
WALMART SUPERCENTER EPA ID:: SCR000004077	***2751 BEAVER RUN BLVD***	***GR910 / 40***	***1956***
LOWES OF S MYRTLE BE EPA ID:: SCR000785220	8672 HWY 17 BYPASS	GT914 / 40	1975
WALMART SUPERCENTER EPA ID:: SCR000772152	545 GARDEN CITY CONN	HT1037 / 44	2133
HOME DEPOT 1122 EPA ID:: SCR000766238	12262 HWY 17 BYPASS	IA1065 / 43	2192

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there are 107 RCRA-VSQG sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
GENES BODY SHOP EPA ID:: SCD987598133	***2893 HWY 501 W***	***D21 / 8***	***159***
ASPEN DENTAL EPA ID:: SCR000782417	***2756 CHURCH ST***	***F27 / 8***	***165***
CONWAY FORD INC EPA ID:: SCD982086845	***2501 CHURCH ST***	***H34 / 8***	***184***
HARBOR FREIGHT TOOLS EPA ID:: SCR000782664	2300 CHURCH ST UNIT1	I36 / 8	196
CONWAY CHRYSLER PLYM EPA ID:: SCD981755192	***2385 HWY 501W***	***40 / 8***	***203***
CAROLINA TIRE CO EPA ID:: SC0000480657	1300 16TH AVE	Q70 / 9	238
PEPSI COLA BOTTLING EPA ID:: SCD987591302	***HWY 501 W***	***V91 / 14***	***260***
SPEEDWAY 4582 EPA ID:: SCR000782888	2208 HWY 378	W92 / 13	265
LG TODDS BODY SHOP EPA ID:: SCR000001339	***2926 HWY 378***	***98 / 13***	***269***
WASTE INDUSTRIES INC EPA ID:: SC0000630558	***3010 HWY 378***	***108 / 13***	***281***
CVS PHARMACY 3851 EPA ID:: SCR000775205	707 CHURCH ST	AE124 / 14	296
PALMETTO CHEVROLET C EPA ID:: SCD047556568	***1122 4TH AVE***	***AJ144 / 14***	***324***
SINGLE SOURCE INC EPA ID:: SCR000783258	1412 GAMECOCK AVE UN	AR172 / 14	373
CONWAY CLEANERS EPA ID:: SCD981866072	***1510 3RD AVE***	***AZ203 / 14***	***394***
NORTH AMERICAN INSTI	***1700 AIRPORT RD***	***214 / 12***	***415***

EXECUTIVE SUMMARY

EPA ID:: SCD987595352			
SPEEDWAY 4589 EPA ID:: SCR000782854	1120 HWY 501 BUSINES	BH239 / 14	446
HD SUPPLY WATERWORKS EPA ID:: SCR000769364	385 FRENCH COLLINS R	BI244 / 14	450
NEW SOUTH WOOD PRESE EPA ID:: SCD086370574	***1283 HWY 501 BUSINES***	***BK254 / 14***	***461***
SOUTHEAST INDUSTRIAL EPA ID:: SCR000772699	127 FRENCH COLLINS R	BL259 / 14	493
FAMILY DOLLAR 3581 EPA ID:: SCR000780239	3400 4TH AVE	BN267 / 13	502
SPEEDWAY 4595 EPA ID:: SCR000782797	1365 HIGHWAY 501 EAS	BR282 / 14	516
HD SUPPLY CONSTRUCTI EPA ID:: SCR000769786	269 E COX FERRY RD	BS285 / 15	519
PENSKE TRUCK LEASING EPA ID:: SCR000770636	213 E COX FERRY RD	BU288 / 15	526
COASTAL CAROLINA UNI EPA ID:: SCD982166761	100 CHANTICLEER DRIV	302 / 14	541
COASTAL CLEANERS EPA ID:: SCR000770024	2278 HWY 501 E	CB328 / 21	598
FAMILY DOLLAR 7970 EPA ID:: SCR000781385	***2294 EAST HWY 501***	***CB330 / 21***	***602***
FOWLER MOTORS EPA ID:: SCD036126175	***2351 HWY 501***	***CD339 / 21***	***608***
HADWIN WHITE PONTIAC EPA ID:: SCD981759103	2325 HWY 501E	CE340 / 21	624
COASTAL CAROLINA UNI EPA ID:: SCR000786871	107 CITADEL DR	CG344 / 21	645
TYSON SIGN COMPANY I EPA ID:: SCR000768069	2487 HWY 501 E	CH348 / 21	650
SUN COAST MAZDA MITS EPA ID:: SCR000073718	2515 HWY 501 E	CJ353 / 21	663
SANTEE COOPER MYRTLE EPA ID:: SCR000074625	305C GARDNER LACY RD	CL365 / 21	683
SANTEE COOPER DIV TR EPA ID:: SCD987570744	305 GARDENER LACY RO	CL367 / 21	686
CVS PHARMACY 7654 EPA ID:: SCR000773622	2996 E HWY 501	CO377 / 21	946
WALGREENS 17460 EPA ID:: SCR000775742	***1905 HWY 544***	***388 / 20***	***1064***
KROGER 0026-11 EPA ID:: SCR000780429	***3735 RENEE DR***	***CS397 / 21***	***1079***
GANDER MOUNTAIN 330 EPA ID:: SCR000778910	***1049 GLENFOREST***	***406 / 21***	***1090***
TRUETTS AUTO COLLISI	***4345 HWY 501***	***CV415 / 27***	***1101***

EXECUTIVE SUMMARY

EPA ID:: SCR000074450			
ADDYS HARBOR DODGE &	***4340 HWY 501 W***	***416 / 28***	***1105***
EPA ID:: SCD981864903			
GRAND STRAND NISSAN	***4070 HWY 501***	***420 / 28***	***1110***
EPA ID:: SCD065044869			
RICK SPARKS ENTERPRI	3930 HWY 501 WEST	CW421 / 28	1120
EPA ID:: SCD059926485			
CVS PHARMACY 1140	101 FETLOCK DR	CX426 / 26	1130
EPA ID:: SCR000774315			
NEXT MEDIA OUTDOOR	***208 BUSH DR***	***DA436 / 28***	***1152***
EPA ID:: SCD987591435			
UNITED PARCEL SERVIC	***200 GEORGE BISHOP PA***	***DC458 / 28***	***1168***
EPA ID:: SCD980847792			
CLEAN AIR INC	***319 BUSH DR***	***472 / 28***	***1181***
EPA ID:: SCR000001636			
WACCAMAW CLAY PRODUC	***3000 WACCAMAW BLVD***	***475 / 28***	***1184***
EPA ID:: SCD987597671			
QUALITY COLLISION	***905 JASON BLVD***	***482 / 28***	***1208***
EPA ID:: SCR000004036			
HYATT BUICK GMC	922 FRONTAGE RD E	DH493 / 28	1221
EPA ID:: SCD036224731			
SAMS CLUB 6353	***1946 10TH AVE N***	***DI497 / 29***	***1232***
EPA ID:: SCR000003947			
BEACH FORD LINCOLN M	***851 JASON BLVD***	***498 / 28***	***1250***
EPA ID:: SCD039807854			
MYRTLE BEACH CHRYSLE	***785 JASON BLVD***	***DJ501 / 28***	***1269***
EPA ID:: SCR000004648			
SANTEE COOPER MB SUB	1935C 10TH AVE N	DK502 / 29	1272
EPA ID:: SCD981921174			
RICHBOURGS SALES & R	***749 JASON BLVD***	***DJ504 / 28***	***1277***
EPA ID:: SC0000357814			
MYRTLE BEACH BODY WO	HWY 544 & N LILAC RD	DM511 / 26	1286
EPA ID:: SCD982086282			
SPEEDWAY 4575	1845 MR JOE WHITE AV	DQ530 / 29	1303
EPA ID:: SCR000782904			
SHERWIN WILLIAMS CO	1626 PLAZA PLACE	DS542 / 29	1318
EPA ID:: SCR000771527			
GENERAL ELECTRIC CO.	***1620 STOCKHOLDER STR***	***543 / 28***	***1322***
EPA ID:: SCD987583663			
NATIONAL TIRE & BATT	2075 HWY 501	DU549 / 28	1339
EPA ID:: SCR000782649			
FEDERAL EXPRESS CORP	1600 STOCKHOLDERS AV	DV552 / 28	1344
EPA ID:: SCD987572138			
NATIVE SONS	***1346 ENTERPRISE AVE***	***560 / 28***	***1365***
EPA ID:: SCR000002303			
ASPEN DENTAL	***1209 N RETAIL CT***	***561 / 28***	***1369***

EXECUTIVE SUMMARY

EPA ID:: SCR000776989			
WALMART SUPERCENTER EPA ID:: SCR000074906	540 SEABOARD ST	562 / 28	1373
CANTY ROGERS EPA ID:: SCR000006130	***3000 PIEDMONT AVE BL***	***DX568 / 28***	***1390***
THE BODY SHOP EPA ID:: SCR000006098	***3001 PIEDMONT AVE***	***DX569 / 28***	***1394***
FAMILY DOLLAR 10 EPA ID:: SCR000778977	1105 NORTH KING HWY	DZ579 / 36	1405
MYRTLE BEACH CHEVROL EPA ID:: SCR000000331	1785 HWY 501	581 / 35	1408
NATIONAL COATINGS AN EPA ID:: SCR000780106	***633 ROBERT GRISSOM P***	***582 / 35***	***1414***
QUALITY COLLSION EPA ID:: SCR000764118	***1560 HWY 501***	***584 / 35***	***1417***
BUTCH JONES INC EPA ID:: SCD987596889	HWY 501 EAST & CEDAR	EM636 / 36	1469
HD SUPPLY WATERWORKS EPA ID:: SCR000768440	2675 HWY 17 BYPASS S	ER659 / 35	1492
HUSSEY MOTORS EPA ID:: SCD982086340	***702 ALDER STREET***	***661 / 36***	***1497***
UNITED BODY SHOP EPA ID:: SCD987572500	***315 BROADWAY***	***694 / 36***	***1550***
BOB BIBLE HONDA ISUZ EPA ID:: SCD982102675	1100 3RD AVE SOUTH	FA703 / 36	1560
FAMILY DOLLAR #3972 EPA ID:: SCR000782219	***4226 SOCASTEE BLVD***	***735 / 34***	***1599***
CVS PHARMACY 1540 EPA ID:: SCR000774281	3411 SOCASTEE BLVD	FI751 / 34	1618
WALGREENS 17258 EPA ID:: SCR000776112	5001 SOCASTEE BLVD	FN771 / 34	1646
NORTHGATE CLEANERS EPA ID:: SCR000765594	3578 HWY 17 BYPASS S	FP781 / 34	1661
REGAL CLEANERS & LAU EPA ID:: SCR000001552	***5401 HWY 544***	***FR787 / 34***	***1669***
ALLEGIANT AIR EPA ID:: SCR000786269	1100 JETPORT RD TERM	FT794 / 35	1685
SCARNG MYRTLE BEACH EPA ID:: SC0000988485	501 19TH AVE SOUTH	GA837 / 35	1780
WALMART NEIGHBORHOOD EPA ID:: SCR000783779	1705 S KINGS HWY	GB843 / 35	1789
SPEEDWAY 4591 EPA ID:: SCR000782839	6222 HWY 707	GD846 / 34	1796
PRESCOTT SUPPORT EPA ID:: SCR000771907	1154 AIRDROME AVE HA	GF860 / 35	1806
USAF AFRPA MYRTLE BE	***1048 AERODROME BLVD***	***GH866 / 35***	***1813***

EXECUTIVE SUMMARY

EPA ID:: SC7570024821			
MYRTLE BEACH POLICE	***3340 MUSTANG ST***	***GH871 / 35***	***1906***
EPA ID:: SCR000762005			
MYRTLE BEACH HARLEY	***4710 S KINGS HWY***	***906 / 41***	***1950***
EPA ID:: SCR000074435			
SPEEDWAY 4586	2355 DICK POND RD	GQ909 / 40	1953
EPA ID:: SCR000783209			
WALMART NEIGHBORHOOD	***125 MARYPORT DR***	***935 / 40***	***1999***
EPA ID:: SCR000777953			
SPEEDWAY 4577	3288 HOLMESTOWN RD	GZ947 / 40	2015
EPA ID:: SCR000782896			
ISLAND SCREENWORKS I	***10607 HWY 707***	***966 / 39***	***2030***
EPA ID:: SCR000004390			
ATLANTIC CLEANERS IN	***510 E HWY 17 BUS***	***HF968 / 40***	***2034***
EPA ID:: SCR000005777			
AAA TRANSMISSION INC	811 2ND AVE NORTH	HI975 / 40	2046
EPA ID:: SCR000006312			
FAMILY DOLLAR 287	114 HWY 17 N	HJ979 / 40	2050
EPA ID:: SCR000779702			
SURFSIDE CLEANERS	***822 SURFSIDE DR***	***HK987 / 40***	***2063***
EPA ID:: SCD051361400			
RH MOORE INC	10601 HWY 707	998 / 39	2087
EPA ID:: SC0000328708			
PAINT & BODY BY RON	1401 HIGHWAY 175	999 / 40	2090
EPA ID:: SCD982146201			
BEACH AUTO BODY INC	605 HWY 17 SOUTH	HM1000 / 40	2092
EPA ID:: SCD987591138			
OWENS MOTOR CO	635 HWY 17 SOUTH	HN1003 / 40	2096
EPA ID:: SCD144847803			
PLANTATION SHUTTER C	***11750 HWY 17 BYPASS***	***1033 / 43***	***2123***
EPA ID:: SC0000630277			
KMART 3763	10125 HWY 17 BYPASS	HS1034 / 43	2126
EPA ID:: SCR000770917			
DYNAMIC GLASSING	***601 BOUNDRY RD.***	***1045 / 44***	***2151***
EPA ID:: SCD982144404			
CVS PHARMACY 8936	101 FOUNDERS BAY RD	HV1048 / 43	2156
EPA ID:: SCR000773598			
WAL-MART NEIGHBORHOO	***11980 HIGHWAY 17 BYP***	***HW1053 / 43***	***2171***
EPA ID:: SCR000782110			
INLET SQUARE BODY SH	840 INLET SQUARE DR	HY1059 / 43	2184
EPA ID:: SCD987598380			
MERCHANTS TIRE DBA N	***3419 HWY 17 S***	***1069 / 43***	***2210***
EPA ID:: SCR000773184			
CVS PHARMACY 2736	3710 HWY 17 BYPASS	IC1076 / 43	2218
EPA ID:: SCR000774141			
SPEEDWAY 4592	4326 HIGHWAY 17	IE1091 / 46	2235

EXECUTIVE SUMMARY

EPA ID:: SCR000782821

State- and tribal - equivalent CERCLIS

SHWS: Site Assessment Section Project List

A review of the SHWS list, as provided by EDR, and dated 09/04/2020 has revealed that there are 29 SHWS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
SALLEY CLEANERS EPA ID: SCDRY0056046	***1510 N MAIN ST***	***N58 / 9***	***230***
FMR CONWAY CLEANERS EPA ID: SCDRY0056257	***307 BEATY ST***	***AQ169 / 14***	***372***
CONWAY CLEANERS EPA ID: SCDRY0052725	***1510 3RD AVE***	***AZ203 / 14***	***394***
SCPSA - SANTEE COOPE EPA ID: SCS123457261	***1605 MARINA DR***	***BJ248 / 14***	***456***
NEW SOUTH WOOD PRESE EPA ID: SCD086370574	***1283 HWY 501 BUSINES***	***BK254 / 14***	***461***
AVX - AMERICAN GEAR EPA ID: SCD980078554	HWY 501	364 / 21	682
WOLVERINE BRASS INC EPA ID: SCD043973908	***2951 HWY 501 E***	***CM372 / 21***	***940***
COASTAL CLEANERS EPA ID: SCDRY0057316	***156 GARDNER LACY RD***	***CN374 / 21***	***942***
HORRY COUNTY FIREWOR EPA ID: SCD981029093	***SC 544 (4MILES S. OF***	***408 / 20***	***1094***
HARRELSON CONSTRUCTI EPA ID: SCS123457090	2045 MINERAL SPRINGS	558 / 24	1363
HAGUE MARINA EPA ID: SCS123457869	3675 HAGUE DR	EN643 / 34	1478
NATIONAL LINEN EPA ID: SCDRY0056253	725 BROADWAY	EW680 / 36	1519
ROYAL CLEANERS EPA ID: SCDRY0051800	***612 BROADWAY***	***EW684 / 36***	***1521***
NORTHGATE CLEANERS F EPA ID: SCDRY0053111	***3578 NORTHGATE BLVD***	***FJ760 / 34***	***1638***
REGAL CLEANERS EPA ID: SCDRY0056048	5401 HWY 544 BRAVES	FR788 / 34	1672
FMR DRYCLEAN USA COA EPA ID: SCDRY0052468	801 S KINGS HWY	FS800 / 36	1692
AVX CORPORATION MYRT EPA ID: SCD062690557	***17TH AVENUE, SOUTH***	***FU803 / 35***	***1692***
TECHNO CLEANERS EPA ID: SCDRY0057163	***5023 DICK POND RD UN***	***FZ831 / 34***	***1779***
MYRTLE CINEMA 10 PRO	***1804 S KINGS HWY***	***850 / 35***	***1800***

EPA ID: SCS123456805			
WHITHERS PRESERVE EPA ID: SCS123457448	1600 FARROW PKWY	855 / 35	1804
MARKET COMMONS RESID EPA ID: SCS123457447	3466 PHILLIS BLVD	856 / 35	1804
USAF AFRPA MYRTLE BE EPA ID: SC7570024821	***1048 AERODROME BLVD***	***GH866 / 35***	***1813***
USAF MYRTLE BEACH AF EPA ID: SC0570028589	N PATROL RD	GI868 / 35	1904
USAF AEROSPACE GROUN EPA ID: SC2570025260	***JCT AVE B & 2ND ST***	***GI869 / 35***	***1904***
MARKET COMMONS MEYER EPA ID: SCS123457821	961 MEYERS AVE	877 / 35	1922
DEERFIELD PLAZA SHOP EPA ID: SCD987580339	1784 US HWY 17	HA951 / 40	2019
SURFSIDE CLEANERS IN EPA ID: SCDRY0051436	822 SURSIDE DR	HK986 / 40	2063
ATLANTIC COAST CLEAN EPA ID: SCDRY0057160	2138 HWY 17	HQ1026 / 44	2121
MURRELLS INLET DRUM EPA ID: SC0001406834	804 INLET SQUARE DR	HZ1062 / 43	2190

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills List

A review of the SWF/LF list, as provided by EDR, and dated 06/08/2020 has revealed that there are 18 SWF/LF sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
G&G MINING CO. LLC C Status: Active Facility Id: 262667-3001		174 / 12	376
SANTEE COOPER - GRAI Status: Not Active Facility Id: SF-00147		218 / 14	421
CITY OF CONWAY DUMP Status: Not Active		222 / 14	424
KAHM FARMS SF #4 Status: Not Active Facility Id: SF-00159		245 / 11	454
KAHM FARMS SF #1 Status: Not Active Facility Id: SF-00089		246 / 11	455
KAHM FARMS SF#3 Status: Not Active Facility Id: SF-00148		262 / 11	497
KAHM FARMS SF #2		269 / 11	505

Status: Not Active Facility Id: SF-00127		
KAHM FARMS SF #6 Status: Not Active Facility Id: SF-00172	270 / 11	506
GRAND STRAND WATER A Status: Not Active Facility Id: IWP-156/IWP-181	359 / 20	680
COASTAL RECLAMATION Status: Not Active Facility Id: 262448-3001	360 / 20	681
THOMPKINS C&D DUMP Status: Not Active	419 / 28	1110
A O HARDEE & SONS Status: Not Active Facility Id: 262626-3001	427 / 26	1145
HAMMOND WOOD RECYCLI Status: Not Active Facility Id: 262660-3001	583 / 33	1417
D&S RECYCLING LLC Status: Active Facility Id: 262652-3001	645 / 33	1479
ROBERT O. COLLINS CO Status: Not Active Facility Id: 262659-3001	713 / 34	1573
POSTEC RECYCLING, IN Status: Not Active Facility Id: 262476-3001	728 / 35	1594
C. OWENS & SON INC. Status: Not Active Facility Id: 262635-3001	851 / 33	1802
HOLMES COMPOSTING SI Status: Not Active Facility Id: 262616-3001	920 / 39	1988

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

A review of the LUST list, as provided by EDR, and dated 04/21/2020 has revealed that there are 257 LUST sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
MIDWAY CHAPEL No Action Required: 06/30/2003 Substance: PETRO Facility Id: 17558	***5405 W HWY 501***	***1 / 3***	***140***
FARM MART	***5565 HWY 501W***	***7 / 3***	***143***

No Action Required: 08/25/2006 Substance: PETRO Facility Id: 05005			
501 MINI MART LLC No Action Required: 02/17/2012 Substance: PETROL Facility Id: 10309	***4245 HWY 501 W***	***8 / 7***	***144***
JAYATRI INC No Action Required: 11/10/2014 Substance: PETRO Facility Id: 12753	***4010 HWY 501 W***	***B12 / 8***	***149***
ESTATE OF MARY E HOL No Action Required: 05/05/2010 Substance: PETROL Facility Id: 18782	***4055 HWY 501 W***	***15 / 8***	***153***
SCOTCHMAN 3058 No Action Required: 11/12/2014 Substance: PETRO Facility Id: 05138	***3410 HWY 501 W***	***C18 / 8***	***155***
MATTRESS FIRM- CHURC No Action Required: 06/24/2016 Substance: PETROL Facility Id: 18801	***2776 CHURCH ST***	***E25 / 8***	***164***
MURPHY EXPRESS 8573 No Action Required: 02/27/2019 Substance: PETROL Facility Id: 19496	***2735 CHURCH ST***	***F28 / 8***	***168***
CONWAY FORD INC No Action Required: 01/02/2001 Substance: PETRO Facility Id: 04895	***2501 CHURCH ST***	***H35 / 8***	***194***
LILLIANS Substance: PETRO Facility Id: 05145	***2000 N MAIN ST***	***38 / 9***	***199***
PEPSI COLA BOTTLING No Action Required: 10/27/2011 Substance: PETRO Facility Id: 05052	***2380 HWY 501 N***	***39 / 8***	***201***
VIDEO WORLD Substance: PETRO Facility Id: 09664	***1900 MAIN ST***	***J42 / 9***	***208***
SPIRES CONVENIENCE S No Action Required: 07/03/2003 Substance: PETRO Facility Id: 15446	***16TH & MC DERMOT RD***	***43 / 9***	***210***
ELVIS GENERAL REPAIR No Action Required: 02/08/2011 Substance: PETRO Facility Id: 04946	***1801 N MAIN ST***	***J45 / 9***	***212***
G&T DISCOUNT CENTER	***1801 PARKVIEW RD***	***K47 / 9***	***214***

EXECUTIVE SUMMARY

No Action Required: 05/23/2005 Substance: PETRO Facility Id: 13054			
B&M TIRE SERVICE Substance: PETRO Facility Id: 16134	***1704 MAIN ST***	***51 / 9***	***218***
CONWAY DRIVE THRU No Action Required: 03/29/2018 Substance: PETRO Facility Id: 11005	***1723 CHURCH ST***	***M52 / 8***	***220***
SC651 Substance: PETRO Facility Id: 05180	***1600 MAIN ST***	***N53 / 9***	***223***
QUIK MART 5 No Action Required: 07/11/1994 No Action Required: 07/14/2000 No Action Required: 12/13/2019 Substance: PETRO Facility Id: 10648	***1512 N MAIN ST***	***N55 / 9***	***226***
SERVICE AMERICA No Action Required: 05/13/2005 Substance: PETRO Facility Id: 17274	***1507 COLLINS DR***	***57 / 9***	***228***
SCOTCHMAN 160 No Action Required: 12/30/2004 Facility Id: 16616	***1646 CHURCH ST (HWY***	***O64 / 8***	***233***
MAIN STREET FARM No Action Required: 11/16/1998 Substance: PETRO Facility Id: 14933	***1500 MAIN ST***	***P66 / 9***	***234***
DORMAN PROPERTIES Substance: PETROL Facility Id: 19847	***1205 LAKESIDE DR***	***68 / 9***	***237***
TIGER MART 3 Substance: PETRO Facility Id: 05110	***1626 CHURCH ST***	***R72 / 9***	***241***
FOWLER MOTORS INC Substance: PETRO Facility Id: 05045	***1509 ELM ST***	***74 / 9***	***244***
CIRCLE K 2723228 No Action Required: 03/28/2018 Substance: PETRO Facility Id: 05231	***1600 CHURCH ST***	***S79 / 9***	***247***
MAIN ST SHELL No Action Required: 07/23/2013 Substance: PETRO Facility Id: 05027	***1100 MAIN ST***	***T84 / 14***	***252***
MAIN STREET EXPRESS No Action Required: 05/09/2002 Substance: PETRO	***1112 MAIN ST***	***T85 / 14***	***253***

EXECUTIVE SUMMARY

Facility Id: 12680			
SPEEDWAY 4582 No Action Required: 06/12/2019 Facility Id: 19281	***2298 HWY 378***	***U89 / 13***	***257***
PARKERS AUTO & TRUCK No Action Required: 03/24/2015 Substance: PETRO Facility Id: 18618	***2257 HWY 378***	***90 / 13***	***258***
501 BP Substance: PETRO Facility Id: 05175	***1006 CHURCH ST***	***Y100 / 14***	***272***
STILLEY PLYWOOD CO I No Action Required: 06/07/2007 Substance: PETRO Facility Id: 04918	***16TH AVE & LAKESIDE***	***102 / 14***	***274***
GATEWAY HOMES Substance: PETRO Facility Id: 15062	***2990 HWY 378 W***	***103 / 13***	***275***
BARKERS 76 Substance: PETRO Facility Id: 05160	***600 MAIN ST***	***AB112 / 14***	***286***
PEE DEE EXCHANGE LLC No Action Required: 07/11/1994 Substance: PETRO Substance: PETROL Facility Id: 10471	***6450 HWY 378***	***116 / 11***	***289***
QUICKMART No Action Required: 11/19/2014 Substance: PETRO Facility Id: 05165	***1813 WRIGHT BLVD***	***AD117 / 13***	***291***
YOUR BRIDAL OULET No Action Required: 11/20/1995 Substance: PETRO Facility Id: 15846	***500 MAIN ST***	***121 / 14***	***294***
CAROLINA TIRE CO No Action Required: 05/05/1995 Substance: PETRO Facility Id: 05235	***1300 6TH AVE***	***123 / 14***	***296***
FOOD CHIEF 20 No Action Required: 12/10/2014 Substance: PETRO Facility Id: 05233	***707 CHURCH ST @ 9TH***	***AE125 / 14***	***306***
DOUGS AUTOMOTIVE No Action Required: 02/13/2002 Substance: PETRO Facility Id: 15406	***405 MAIN ST***	***AF128 / 14***	***309***
T J PARTY SHOP No Action Required: 01/10/2005 Substance: PETRO Facility Id: 13781	***935 WRIGHTS BLVD***	***AG131 / 13***	***311***
SUNHOUSE PETROLEUM 2	***3372 HWY 378***	***AH133 / 12***	***314***

No Action Required: 03/28/1997
No Action Required: 09/17/2019
Substance: PETRO
Facility Id: 14850

GENERAL TELEPHONE OF	***414 LAUREL ST***	***AI135 / 14***	***317***
No Action Required: 05/10/1999 Substance: PETRO Facility Id: 05024			
DOWNTOWN CLEANERS	***1000 4TH AVE***	***AF136 / 14***	***318***
No Action Required: 01/05/1998 Substance: PETRO Facility Id: 15117			
DOWNTOWN CLEANERS	***1000 4TH AVE***	***AF138 / 14***	***320***
No Action Required: 03/12/1996 Substance: PETRO Facility Id: 15119			
RIVERTOWN AMOCO	***1101 4TH AVE***	***AJ145 / 14***	***340***
No Action Required: 03/10/2003 Substance: PETRO Facility Id: 05192			
SCOTCHMAN 12	***HWY 501 & 9TH AVE***	***148 / 14***	***344***
No Action Required: 09/24/2003 Substance: PETRO Facility Id: 05152			
SAV WAY 21	***604 CHURCH ST***	***AK149 / 14***	***345***
No Action Required: 09/04/2015 Substance: PETRO Facility Id: 05190			
APPEND INVESTMENT DB	***3788 HWY 378***	***152 / 12***	***349***
No Action Required: 04/08/2010 Substance: PETRO Facility Id: 15516			
TIRE SUPER MARKET	***312 ELM ST***	***AJ153 / 14***	***351***
Substance: PETROL Facility Id: 18994			
MONEY SAVER FOOD MAR	***4062 HWY 378***	***154 / 12***	***354***
Substance: PETRO Facility Id: 04958			
CONWAY CITY OF	***229 MAIN ST***	***AL155 / 14***	***357***
No Action Required: 12/19/2001 Substance: PETRO Facility Id: 04923			
AMMY LLC DBA MONEY S	***601 CHURCH ST***	***AM159 / 14***	***360***
No Action Required: 11/17/1998 Substance: PETRO Facility Id: 05238			
SHREE MINI MART	***800 WRIGHT BLVD***	***AN163 / 14***	***364***
No Action Required: 01/10/2013 Substance: PETRO Facility Id: 05220			
CHEF SKIS DELI	***300 ELM ST***	***AO165 / 14***	***366***

No Action Required: 10/28/2010 Substance: PETRO Facility Id: 18177			
EASY PICK UP 1 No Action Required: 07/29/2019 No Action Required: 05/28/1993 Substance: PETRO Facility Id: 05177	***1314 4TH AVE***	***AP166 / 14***	***368***
D D LEWIS EXXON No Action Required: 01/05/2004 Substance: PETRO Facility Id: 05241	***1301 3RD AVE***	***AS177 / 14***	***377***
DERWOODS No Action Required: 06/03/2016 Substance: PETRO Facility Id: 05143	***420 CHURCH ST***	***AU182 / 14***	***380***
HORRY COUNTY POLICE No Action Required: 07/15/1999 Substance: PETRO Facility Id: 05085	***2ND AVE***	***AV190 / 14***	***384***
4 WAY FUEL Substance: PETROL Facility Id: 10932	***1600 4TH AVE***	***AW196 / 14***	***388***
THE COAST RTA No Action Required: 05/28/2008 Substance: PETROL Facility Id: 11074	***1418 THIRD AVE***	***AX197 / 14***	***390***
HORRY COUNTY GOVERNM No Action Required: 11/20/1998 Substance: PETRO Facility Id: 12522	***1301 2ND AVE***	***200 / 14***	***392***
MELLOW BUTTERCUP ICE No Action Required: 12/10/1990 Substance: PETRO Facility Id: 04908	***1620 4TH AVE***	***BA205 / 14***	***405***
LEES DISCOUNT CENTER No Action Required: 09/13/2019 Substance: PETRO Facility Id: 05213	***1501 3RD AVE***	***BB208 / 14***	***407***
SC DEPT OF TRANSPORT No Action Required: 09/27/2001 Substance: PETRO Facility Id: 05076	***301 SMITH ST***	***BC211 / 14***	***411***
CONWAY CITY MARINA No Action Required: 02/28/2020 Facility Id: 11659	4 ELM ST	BD213 / 14	414
CONWAY HORRY COUNTY No Action Required: 06/01/1995 No Action Required: 03/24/2004 Substance: PETRO Facility Id: 05037	***US HWY 378***	***216 / 12***	***418***
JAMESTOWN LAUNDROMAT	***2605 4TH AVE HWY 701***	***219 / 13***	***422***

No Action Required: 01/13/1993
Substance: PETRO
Facility Id: 14250

TIDEWATER HUNTING &	***2702 4TH AVE***	***BE220 / 13***	***423***
No Action Required: 08/18/1992 Substance: PETRO Facility Id: 05118			
JAMESTOWN GROCERY	***2703 4TH AVE***	***BE224 / 13***	***425***
No Action Required: 08/26/1992 Substance: PETRO Facility Id: 05222			
RAYS STATION	***2900 FOURTH AVE S***	***BF227 / 13***	***428***
No Action Required: 05/02/2012 No Action Required: 07/25/2013 Substance: PETRO Substance: PETROL Facility Id: 05186			
SCOTCHMAN 31	***850 HWY 501 BYPASS***	***232 / 14***	***432***
No Action Required: 07/18/2008 Substance: PETRO Facility Id: 04949			
CORNER STOP 106	***401 JANETTE ST***	***BG233 / 13***	***434***
No Action Required: 04/11/2014 No Action Required: 07/15/1999 No Action Required: 09/22/2000 Substance: PETRO Substance: PETROL Facility Id: 05154			
KINGSTON JUNCTION	***HWY 90 AND 501 BUSIN***	***237 / 14***	***441***
No Action Required: 04/22/2008 No Action Required: 07/24/2002 Substance: PETRO Substance: PETROL Facility Id: 05193			
CHS HOMEWOOD STORAGE	***3153 US 701 N***	***238 / 13***	***444***
Substance: PETROL Facility Id: 10403			
SPEEDWAY 4589	***1120 HWY 501 BUS***	***BH240 / 14***	***448***
No Action Required: 06/12/2019 Facility Id: 18789			
SCPSA GRAINGER GENER	***1605 MARINA DR***	***BJ250 / 14***	***457***
No Action Required: 09/26/2012 Substance: PETRO Facility Id: 15023			
FOOD SHOP MARATHON	***1300 HWY 501 BUSINES***	***BM263 / 14***	***498***
No Action Required: 08/10/2011 Substance: PETRO Facility Id: 10327			
BUCKWOOD SHELL	***1108 HWY 501***	***BO272 / 14***	***507***
No Action Required: 05/25/2005 Substance: PETRO			

Facility Id: 12362

C A TIMBES INC	***PO BOX 826***	***273 / 14***	***509***
No Action Required: 12/23/1998 Substance: PETRO Facility Id: 14249			
PIT STOP	***1209 HWY 501***	***BP276 / 14***	***511***
No Action Required: 02/05/2001 Substance: PETRO Facility Id: 14427			
COASTAL COCA COLA BO	***1160 HWY 501***	***BQ278 / 14***	***513***
No Action Required: 03/04/2004 Substance: PETRO Facility Id: 05041			
PIEDMONT COCA COLA B	***1160 HWY 501***	***BQ279 / 14***	***514***
No Action Required: 09/06/1995 Substance: PETRO Facility Id: 16686			
RED HILL STATION	***1364 HWY 501 E***	***BT287 / 14***	***524***
Substance: PETRO Facility Id: 04896			
FORMER TWILIGHT STAT	***1390 HWY 501 E BYPAS***	***BV292 / 14***	***531***
No Action Required: 03/24/2016 Substance: PETRO Facility Id: 04974			
PYA MONARCH INC	***HWY 501 E***	***295 / 15***	***533***
No Action Required: 11/10/2014 Substance: PETRO Facility Id: 05030			
QUICK SHOP	***5100 KATES BAY HWY***	***300 / 12***	***537***
No Action Required: 10/24/2007 Substance: PETRO Facility Id: 10324			
SCOTCHMAN 3118	***510 HWY 544***	***301 / 14***	***538***
No Action Required: 12/12/2011 Substance: PETRO Facility Id: 05161			
CIRCLE K 2723225	***669 HWY 544***	***BW305 / 14***	***547***
No Action Required: 12/20/1991 No Action Required: 07/12/2006 No Action Required: 09/13/2019 Substance: PETRO Substance: PETROL Facility Id: 05229			
JIFFY SHOP	***695 HWY SC 544***	***307 / 14***	***552***
No Action Required: 11/01/2004 Substance: PETRO Facility Id: 04988			
HORRY COUNTY SCHOOL	***2205 HWY 501 W***	***316 / 21***	***589***
No Action Required: 03/19/2012 Substance: PETROL Facility Id: 10368			
MINUTEMAN FOOD MART	***2230 HWY 501 W (CHUR***	***321 / 21***	***592***

EXECUTIVE SUMMARY

Substance: PETROL Facility Id: 16620			
HADWIN WHITE PONTIAC No Action Required: 08/11/2008 Substance: PETRO Facility Id: 05196	***2325 HWY 501 E***	***CE341 / 21***	***639***
SCOTCHMAN 3133 Substance: PETRO Facility Id: 10288	***2354 HWY 501 E***	***CF343 / 21***	***642***
QUAIL CREEK GOLF CLU No Action Required: 04/03/2007 Substance: PETROL Facility Id: 19069	***107 CITADEL DR***	***CG346 / 21***	***648***
COASTAL CAROLINA HOS No Action Required: 06/16/1995 No Action Required: 03/26/2002 Substance: PETRO Facility Id: 15631	***152 WACCAMAW MEDICAL***	***352 / 21***	***662***
CIRCLE K 3187 Substance: PETROL Facility Id: 19150	***1200 HWY 544***	***356 / 20***	***676***
GRAND STRAND WATER & No Action Required: 07/14/1995 Substance: PETRO Facility Id: 09646	***166 JACKSON BLUFF RD***	***CK357 / 20***	***677***
GRAND STRAND WATER & No Action Required: 12/28/2005 Substance: PETRO Facility Id: 09647	***166 JACKSON BLUFF RD***	***CK358 / 20***	***678***
BURNING RIDGE GOLF C No Action Required: 03/22/2012 Substance: PETRO Facility Id: 15477	***500 BURNING RIDGE RD***	***369 / 21***	***690***
CIRCLE K 2720908 No Action Required: 04/25/2017 Substance: PETROL Facility Id: 17938	***1500 HWY 544***	***373 / 20***	***941***
SCOTCHMAN 3029 Substance: PETRO Facility Id: 04950	***3047 HWY 501 E***	***376 / 21***	***943***
WACCAMAW GROCERY No Action Required: 06/18/1999 Substance: PETRO Facility Id: 15175	***4823 PEE DEE HWY***	***CR392 / 17***	***1075***
SPEEDWAY 4588 No Action Required: 02/14/2007 No Action Required: 06/12/2019 Substance: PETROL Facility Id: 17734	***1931 HWY 544***	***393 / 20***	***1076***
SCOTCHMAN 3123	3774 RENEE DR	CT400 / 21	1087

Substance: PETROL Facility Id: 18699			
J A GROCERY No Action Required: 04/04/1994 Substance: PETRO Facility Id: 05141	***2290 HWY 544***	***407 / 20***	***1093***
WACCAMAW BRICK No Action Required: 09/20/1999 Substance: PETRO Facility Id: 05028	***305 GREENLEAF CIR***	***412 / 27***	***1098***
MYRTLE BEACH SPEEDWA No Action Required: 02/14/2013 Substance: PETROL Facility Id: 10872	***455 HOSPITALITY LN***	***414 / 28***	***1100***
PANTRY 246 No Action Required: 12/27/2007 Substance: PETRO Facility Id: 05197	***3904 US HWY 501***	***CW422 / 28***	***1128***
CIRCLE K 2723064 No Action Required: 05/14/2010 Substance: PETRO Facility Id: 05104	***3710 WACCAMAW BLVD***	***CY429 / 28***	***1146***
EASY STOP GROCERY No Action Required: 12/22/1992 Substance: PETRO Substance: PETROL Facility Id: 13180	***8545 HWY 544***	***CZ432 / 26***	***1149***
SUNHOUSE PETROLEUM # Substance: PETROL Facility Id: 05169	***102 GEORGE BISHOP PK***	***DB440 / 28***	***1160***
FORESTBROOK REMOTE S No Action Required: 06/28/1995 Substance: PETRO Facility Id: 10156	***BURCALE RD***	***443 / 28***	***1163***
UPS MYRTLE BEACH No Action Required: 09/02/2003 Substance: PETRO Facility Id: 10613	***200 GEORGE BISHOP PK***	***DC451 / 28***	***1166***
FORESTBROOK GROCERY Substance: PETROL Facility Id: 17398	***1272 FORESTBROOK RD***	***DD469 / 27***	***1179***
WACCAMAW CONVENIENCE No Action Required: 12/07/2004 Substance: PETRO Facility Id: 10488	***311 GEORGE J BISHOP***	***477 / 28***	***1188***
TIGER MART 14 No Action Required: 09/05/2019 Substance: PETRO Facility Id: 05170	***1960 10TH AVE N***	***DF486 / 29***	***1214***
MYRTLE BEACH SECTION	***2779 HWY 501***	***DG487 / 28***	***1216***

No Action Required: 11/16/2009
Substance: PETRO
Facility Id: 05079

NEIL JOHNSON BUICK G	***922 FRONTAGE RD***	***DH490 / 28***	***1219***
No Action Required: 12/04/1992 Substance: PETRO Facility Id: 14021			
MYRTLE BEACH UST	***7851 HWY 544***	***499 / 26***	***1267***
No Action Required: 08/10/2009 Substance: PETROL Facility Id: 18912			
MYRTLE BEACH OPERATI	***1935 MR JOE WHITE AV***	***DK505 / 29***	***1279***
No Action Required: 01/17/1996 No Action Required: 01/11/2008 Substance: PETRO Substance: PETROL Facility Id: 05040			
OLD POLICE STATION	***10TH AVE N***	***DL506 / 29***	***1282***
No Action Required: 05/18/1993 Substance: PETRO Facility Id: 04926			
OLD SHOP PUBLIC WORK	***10TH AVE N***	***DL507 / 29***	***1283***
No Action Required: 06/20/1991 Substance: UNKNOWN Facility Id: 04925			
HAKSIM INC DBA PEACH	***7981 HWY 544***	***DM509 / 26***	***1284***
No Action Required: 04/30/2014 Substance: PETROL Facility Id: 12248			
CIRCLE K 2723221	***1929 MR JOE WHITE AV***	***DN512 / 29***	***1289***
Substance: PETRO Facility Id: 09957			
CAYCE COMPANY INC	***909 SEABOARD ST***	***DO515 / 29***	***1292***
No Action Required: 07/11/1995 Substance: PETRO Facility Id: 13949			
ACS	***909 SEABOARD INDUST***	***DO516 / 29***	***1293***
No Action Required: 08/13/1993 Substance: PETRO Facility Id: 11187			
RENTAL SERVICE CORP	***915 SEABOARD ST***	***DO519 / 29***	***1294***
No Action Required: 07/18/2008 Substance: PETRO Facility Id: 05012			
MYRTLE BEACH SALES Y	***US HWY 501***	***520 / 28***	***1297***
No Action Required: 04/16/1999 Substance: PETRO Facility Id: 05057			
CHAVIS VAN & STORAGE	***800/802 SEABOARD ST***	***523 / 28***	***1299***
No Action Required: 02/15/2005 Substance: PETRO			

EXECUTIVE SUMMARY

Facility Id: 05172

SANTEE COOPER MYRTLE	***429 WATERSIDE DRIVE***	***DR534 / 28***	***1313***
No Action Required: 11/17/1997 Substance: PETRO Facility Id: 12684			
HARPER PLUMBING	***1607 EXECUTIVE AVE***	***540 / 28***	***1317***
No Action Required: 08/28/1995 Substance: PETRO Facility Id: 14128			
COBLE DAIRY MYRTLE B	***HWY 501***	***DU547 / 28***	***1338***
No Action Required: 07/15/1993 Substance: PETRO Facility Id: 13957			
COBURG DAIRY INC	***2110 HWY 501***	***559 / 28***	***1364***
No Action Required: 03/20/1995 Substance: PETRO Facility Id: 05014			
MYRTLE BEACH CONVENT	***21ST AVE N & OAK ST***	***567 / 29***	***1390***
No Action Required: 05/02/1994 Substance: PETRO Facility Id: 15254			
BADGER R BAZEN CO IN	***1519 EXECUTIVE BLVD***	***574 / 29***	***1400***
Substance: PETRO Facility Id: 13249			
CASH & DASH	***7010 HWY 544 NEAR SO***	***EB589 / 33***	***1422***
No Action Required: 02/14/2003 No Action Required: 09/01/2010 Substance: PETRO Substance: PETROL Facility Id: 12901			
FOOD DEPOT	***1101 TENTH AVE N***	***594 / 36***	***1427***
No Action Required: 09/14/2010 Substance: PETRO Facility Id: 12540			
501 AMOCO	***1432 HWY 501***	***EF597 / 36***	***1430***
Substance: PETRO Facility Id: 05156			
SNJ MARKET	***1601 N KINGS HWY***	***EE600 / 36***	***1433***
No Action Required: 10/10/2000 Substance: PETRO Facility Id: 05174			
PANTRY 3226 DBA FOOD	***1455 HWY 501***	***EF602 / 36***	***1437***
No Action Required: 01/06/2005 No Action Required: 10/30/2002 Substance: PETRO Substance: PETROL Facility Id: 05232			
VERIZON MYRTLE BEACH	***919 LUMBER ST***	***606 / 36***	***1442***
No Action Required: 01/30/2002 Facility Id: 11179			
PANTRY 248	***1213 THIRD AVE S***	***609 / 36***	***1444***

EXECUTIVE SUMMARY

No Action Required: 10/13/2006 Substance: PETRO Facility Id: 04989			
BETTER BRANDS INC Substance: PETRO Facility Id: 05031	***908 JACKSON ST***	***614 / 36***	***1448***
MISS KITTYS INC No Action Required: 02/17/2005 Substance: PETRO Facility Id: 15532	***1379 THIRD AVE S***	***EI616 / 36***	***1450***
MYRTLE BEACH CITY OF No Action Required: 06/02/1998 Substance: PETRO Facility Id: 05083	***1101 OAK ST***	***621 / 36***	***1455***
MYRTLE BEACH CITY OF No Action Required: 08/01/1997 No Action Required: 05/10/1995 Substance: PETRO Facility Id: 05084 Facility Id: 05090	***10TH AVE N & OAK ST***	***624 / 36***	***1457***
SCOTT CARS OF MYRTLE No Action Required: 11/04/1999 No Action Required: 07/03/2008 Substance: PETRO Facility Id: 12420	***1251 HWY 501***	***EK626 / 36***	***1459***
ALLENS FOOD BASKET No Action Required: 10/25/2010 Substance: PETROL Facility Id: 15253	***1012A HWY 501***	***631 / 36***	***1462***
DARGAN CONSTRUCTION No Action Required: 04/25/2006 Substance: PETRO Facility Id: 14425	***900 8TH AVE N***	***632 / 36***	***1464***
JIM SMITH CHRYSLER P No Action Required: 10/17/2000 Substance: PETRO Facility Id: 14214	***1004 HWY 501***	***EM634 / 36***	***1466***
YACHTSMAN RESORT No Action Required: 07/05/2000 Substance: PETRO Facility Id: 14658	***1400 N OCEAN BLVD***	***635 / 36***	***1467***
CIRCLE K 2708111 No Action Required: 10/04/2006 No Action Required: 08/07/2013 Substance: PETRO Substance: PETROL Facility Id: 05113	***1101 N KINGS HWY***	***EL639 / 36***	***1473***
CHAPIN SERVICE STATI No Action Required: 08/27/2009 No Action Required: 02/20/2001 Substance: PETROL	***901 OAK ST***	***649 / 36***	***1480***

EXECUTIVE SUMMARY

Facility Id: 05137			
MARYLAND FRIED CHICK	***939 N KING HWY***	***EP651 / 36***	***1484***
No Action Required: 05/05/2003 Substance: PETRO Facility Id: 15322			
PAMS CORNER INC	***934 HWY 501***	***EQ652 / 36***	***1487***
No Action Required: 11/07/2014 Substance: PETRO Facility Id: 05158			
BALSAM KWIKI LUBE	***930 HWY 501***	***EQ655 / 36***	***1490***
Substance: PETROL Facility Id: 19674			
VERIZON MYRTLE BEACH	***914 CHESTER ST***	***ET667 / 36***	***1504***
No Action Required: 08/01/2002 Facility Id: 12451			
FLATIRON BLDG & AJAC	***HWY 17 S & BROADWAY***	***668 / 36***	***1506***
No Action Required: 11/23/1993 Substance: PETRO Facility Id: 13965			
5 POINTS GAS & CONV	***728 BROADWAY ST***	***ES670 / 36***	***1507***
No Action Required: 07/16/1998 No Action Required: 10/26/2004 No Action Required: 05/12/2009 Substance: PETRO Substance: PETROL Facility Id: 15218			
SAILING AND SKI CONN	***515 HWY 501***	***EV674 / 36***	***1512***
No Action Required: 09/26/2016 Substance: PETRO Facility Id: 15213			
CHRIS YAHNIS COASTAL	***851 BROADWAY***	***677 / 36***	***1515***
No Action Required: 09/30/2008 No Action Required: 08/19/1997 Substance: PETRO Facility Id: 10982			
HUMMINGBIRD SITE	***800 N KINGS HWY***	***688 / 36***	***1542***
No Action Required: 10/30/2002 Substance: PETROL Facility Id: 18794			
OCEAN GROCERY	***6409 DICK POND RD***	***692 / 34***	***1546***
No Action Required: 02/13/1996 No Action Required: 05/08/2006 No Action Required: 08/21/2018 Substance: PETRO Substance: PETROL Facility Id: 10344			
SCOTCHMAN 3064	***1101 3RD AVE S***	***EY696 / 36***	***1554***
Substance: PETRO Facility Id: 05140			
CIRCLE K 2723063	***6326 DICK POND RD***	***EZ697 / 34***	***1556***
Substance: PETRO			

EXECUTIVE SUMMARY

Facility Id: 10145			
BOB BIBLE HONDA/BMW	***1100 3RD AVE S***	***FA701 / 36***	***1558***
Substance: PETRO Facility Id: 05219			
SCOTCHMAN 137	***600 N KINGS HWY***	***FB707 / 36***	***1569***
No Action Required: 03/23/2016 Substance: PETRO Facility Id: 11823			
CIRCLE K 2720479	***1009 3RD AVE S***	***FC710 / 36***	***1571***
No Action Required: 02/12/2013 Substance: PETROL Facility Id: 05210			
USPS MYRTLE BEACH	***512 N KINGS HWY***	***FB714 / 36***	***1574***
No Action Required: 11/04/1998 Substance: PETRO Facility Id: 05058			
SQUIRE CORNER CAFE	***1 PARK DR***	***FD718 / 35***	***1586***
No Action Required: 08/23/1996 Substance: PETRO Facility Id: 16400			
COASTAL SAVERS	***900 HWY 15***	***719 / 35***	***1587***
Substance: PETRO Facility Id: 12399			
SCOTCHMAN 3060	***1202 PORT DR***	***FG732 / 35***	***1595***
No Action Required: 03/13/2006 Substance: PETRO Facility Id: 04961			
VACANT LOT	***100 N KINGS HWY***	***FH738 / 36***	***1602***
No Action Required: 10/12/2010 Substance: PETROL Facility Id: 18946			
AVIS	***MYRTLE BEACH JETPORT***	***740 / 35***	***1605***
No Action Required: 06/01/1998 Substance: PETRO Facility Id: 09953			
SOCASTEE SEAFOOD SHA	***4000 HWY 707***	***741 / 34***	***1606***
No Action Required: 08/26/2010 Substance: PETRO Facility Id: 18533			
GALAXY VIDEO	***3624 SOCASTEE BLVD***	***743 / 34***	***1609***
No Action Required: 05/09/2005 Substance: PETRO Facility Id: 18594			
KNH FOOD MART	***3940 SOCASTEE BLVD***	***744 / 34***	***1611***
Substance: PETRO Facility Id: 14202			
PANTRY 424	***3400 SOCASTEE BLVD***	***FI746 / 34***	***1614***
No Action Required: 02/22/2010 Substance: PETROL Facility Id: 05204			
W G TURBEVILLE GROCE	***3530 NORTHGATE DR***	***748 / 34***	***1616***

EXECUTIVE SUMMARY

No Action Required: 03/28/2011 Substance: PETRO Facility Id: 15803			
SOCASTEE AUTOMOTIVE No Action Required: 01/18/1994 No Action Required: 07/05/2006 Substance: PETRO Facility Id: 12669	***3809 SOCASTEE BLVD***	***752 / 34***	***1629***
CIRCLE K 2723073 No Action Required: 07/02/2007 Substance: PETROL Facility Id: 17843	***4481 SOCASTEE BLVD***	***FK756 / 34***	***1633***
SCOTCHMAN 3253 No Action Required: 06/21/2017 Substance: PETRO Facility Id: 05142	***501 3RD AVE S***	***FL757 / 36***	***1635***
MARKET EXPRESS - S K No Action Required: 02/27/1997 Substance: PETRO Facility Id: 05099	***211 S KINGS HWY***	***FL761 / 36***	***1638***
CIRCLE K 2723060 Substance: PETRO Facility Id: 10148	***4570 SOCASTEE BLVD***	***FM764 / 34***	***1641***
CYPRESS PARK MART No Action Required: 09/26/2003 Substance: PETRO Facility Id: 05234	***HWY 544***	***768 / 34***	***1644***
BRANTS LANDING No Action Required: 07/27/2017 Substance: PETRO Facility Id: 04962	***5835 DOCK POND RD***	***FN773 / 34***	***1653***
SUNHOUSE 24 Substance: PETRO Facility Id: 12649	***5010 SOCASTEE BLVD***	***FO775 / 34***	***1656***
BRAVE VILLAGE SHOPPI No Action Required: 11/21/2005 Substance: PETRO Facility Id: 16899	***5429 DICK POND RD***	***777 / 34***	***1658***
FUN SPOT ACTION PARK No Action Required: 07/12/1999 Substance: PETRO Facility Id: 17123	***500 S OCEAN BLVD***	***786 / 36***	***1668***
BUDGET RENT A CAR No Action Required: 08/25/1999 Substance: PETRO Facility Id: 04913	1100 JET PORT RD	FT795 / 35	1688
HERTZ RENT A CAR No Action Required: 11/23/1998 Substance: PETRO Facility Id: 05036	1100 JET PORT RD	FT798 / 35	1690
PORT UNIT 205	***1101 S KINGS HWY***	***FW815 / 36***	***1764***

No Action Required: 05/14/2010
Substance: PETRO
Facility Id: 05185

GRAND STRAND WATER &	***HWY 707 AT RECREATIO***	***816 / 34***	***1767***

No Action Required: 04/14/1995
Substance: PETRO
Facility Id: 09644

NATIONAL CAR RENTAL	***MYRTLE BEACH CIVIL J***	***819 / 35***	***1769***

No Action Required: 12/11/1992
No Action Required: 10/05/1998
Substance: PETRO
Facility Id: 04917

CORAL BEACH OCEANFRO	***1105 S OCEAN BLVD***	***821 / 36***	***1771***

No Action Required: 01/22/1999
Substance: PETRO
Facility Id: 11512

CARRIS R CRIBB SITE	***8911 HWY 701 S***	***825 / 31***	***1773***

No Action Required: 04/08/2010
Substance: PETRO
Facility Id: 16574

CIRCLE K 2723241	***1405 S KINGS HWY***	***FY828 / 35***	***1776***

No Action Required: 08/16/2019
Substance: PETROL
Facility Id: 16903

SCOTCHMAN 3106	***1700 S KINGS HWY***	***GB838 / 35***	***1783***

No Action Required: 07/14/2015
Substance: PETRO
Facility Id: 05163

CIRCLE K 8112	***1611 S KINGS HWY***	***GC841 / 35***	***1787***

No Action Required: 11/19/2014
Substance: PETRO
Facility Id: 05183

MYRTLE CINEMA 10 PRO	***1804 S KINGS HWY***	***850 / 35***	***1800***

No Action Required: 11/30/2000
Substance: PETRO
Facility Id: 18410

PALACE HOMEOWNERS AS	***1605 S OCEAN BLVD***	***854 / 35***	***1803***

No Action Required: 03/05/1999
Substance: PETRO
Facility Id: 14979

PEE DEE GROCERY	***9150 HWY 701 S***	***GE859 / 31***	***1805***

No Action Required: 10/15/2018
Substance: PETROL
Facility Id: 10475

PANTRY 819	***4625 DICK POND RD***	***GG864 / 34***	***1811***

Substance: PETROL
Facility Id: 11434

BLUEWATER RESORT & V	***2001 S OCEAN BLVD***	***865 / 35***	***1812***

No Action Required: 07/26/1999
Substance: PETRO
Facility Id: 14864

EXPRESS MART	***2620 S KINGS HWY***	***GK876 / 35***	***1921***

Substance: PETROL Facility Id: 05171			
MYRTLE BEACH GRAND P No Action Required: 09/28/2000 No Action Required: 07/15/1998 Substance: PETRO Facility Id: 14131	***3201 HWY 17 S***	***881 / 35***	***1923***
SCOTCHMAN 53 Substance: PETRO Facility Id: 05119	***3211 S KINGS HWY***	***GL884 / 35***	***1928***
CIRCLE K 5049 No Action Required: 12/20/2019 Substance: PETROL Facility Id: 11622	***3301 S KINGS HWY***	***GN890 / 35***	***1932***
BIG CONCRETE SUPPLY No Action Required: 11/09/1998 Substance: PETRO Facility Id: 17723	***SC 544 & US 17 BYPAS***	***898 / 40***	***1945***
BUCKSPORT MARINA No Action Required: 08/06/2010 Facility Id: 19525	***135 BUCKSPORT RD***	***899 / 38***	***1946***
SPEEDWAY 4586 Substance: PETROL Facility Id: 17733	***2625 DICK POND RD***	***903 / 40***	***1949***
PHOENIX 70 No Action Required: 01/31/2014 No Action Required: 02/29/2016 Substance: PETROL Facility Id: 17593	***2301 DICK POND RD***	***GS912 / 40***	***1973***
THE MARKETPLACE No Action Required: 08/02/2018 Facility Id: 19147	***1401 COVENTRY RD***	***918 / 40***	***1987***
CIRCLE K 2723059 Substance: PETRO Facility Id: 05124	***5600 S HWY 17***	***921 / 41***	***1988***
TEE OFF DELI OF MYRT Substance: PETROL Facility Id: 10554	***8980 HWY 707***	***923 / 39***	***1991***
PIRATELAND FAMILY CA No Action Required: 09/13/1996 Substance: PETRO Facility Id: 17313	***5401 S KINGS HWY***	***929 / 41***	***1995***
MYRTLE BEACH RESORT No Action Required: 06/21/1999 Substance: PETRO Facility Id: 18309	***5905 S KINGS HWY UNI***	***933 / 41***	***1997***
PANTRY 247 No Action Required: 02/08/2016 Substance: PETROL Facility Id: 05198	***1205 DICK POND RD***	***934 / 40***	***1998***
OCEAN LAKES SERVICE	***6001 S KINGS HWY***	***GW936 / 40***	***2007***

Substance: PETRO
Facility Id: 05144

CIRCLE K 2708109	***2016 N HWY 17***	***GY944 / 40***	***2012***
No Action Required: 08/21/2015 Substance: PETRO Facility Id: 05182			
SCOTCHMAN 3052	***1611 HWY 17N***	***955 / 40***	***2021***
No Action Required: 05/10/1999 Substance: PETRO Facility Id: 05147			
PANTRY 3232	***2590 GLENNS BAY RD***	***HC959 / 40***	***2025***
Substance: PETROL Facility Id: 11600			
MASON TIRE AND AUTO	***750 HWY 17 N***	***HE965 / 40***	***2029***
No Action Required: 08/23/2001 Substance: PETRO Facility Id: 18582			
CIRCLE K 2723482	***501 HWY 17 N***	***HG970 / 40***	***2037***
Substance: PETRO Facility Id: 05240			
PANTRY 465	***999 HWY 17 S***	***HH972 / 40***	***2040***
No Action Required: 09/30/2019 Substance: PETRO Facility Id: 05209			
PATEL BROTHERS INC D	***215 HWY 17 N***	***HH974 / 40***	***2043***
Substance: PETRO Facility Id: 05096			
SURFSIDE BEACH TOWN	***115 US HWY 17 N***	***HJ980 / 40***	***2054***
No Action Required: 04/21/2001 No Action Required: 01/13/2011 Substance: PETRO Substance: PETROL Facility Id: 14237			
CIRCLE K 2720334	***1011 GLENNS BAY RD***	***981 / 40***	***2057***
Substance: PETROL Facility Id: 05202			
CIRCLE K 2723418	***11 HWY 17 N***	***HJ983 / 40***	***2059***
Substance: PETRO Facility Id: 05042			
LUBE CITY	***1012 SURFPINE DR***	***992 / 40***	***2073***
No Action Required: 02/23/1994 Substance: PETRO Facility Id: 15667			
SUNSPOT CONVENIENCE	***411 HWY 17 S***	***996 / 40***	***2084***
No Action Required: 04/01/2003 Substance: PETRO Facility Id: 05205			
MYRTLE BEACH KOA	***613 5TH AVE S***	***1006 / 44***	***2104***
No Action Required: 04/01/2002 Facility Id: 11653			
COLLINS CREEK GAS &	***11113 HWY 707***	***1009 / 43***	***2106***

No Action Required: 06/26/2000 Substance: PETRO Facility Id: 12407			
TIDEMASTER OWNERS AS No Action Required: 11/17/2003 Substance: PETRO Facility Id: 18359	***517 S OCEAN BLVD***	***1014 / 44***	***2109***
CIRCLE K 2723062 No Action Required: 09/11/2003 No Action Required: 01/03/2003 No Action Required: 09/04/2012 Substance: PETRO Substance: PETROL Facility Id: 05122	***1611 HWY 17 S***	***HP1016 / 44***	***2110***
CIRCLE K 2720403 No Action Required: 03/18/1998 Substance: PETRO Substance: PETROL Facility Id: 05203	***2005 US 17 BUESINESS***	***1023 / 44***	***2118***
BULL MART 4 No Action Required: 05/23/2007 Substance: PETROL Facility Id: 05215	***2464 HWY 17 S***	***1032 / 44***	***2122***
GARDEN CITY 66 No Action Required: 07/29/2004 Substance: PETRO Facility Id: 04987	***RT 2 PO BOX 570***	***1043 / 44***	***2148***
FORMER KRISPY KREME No Action Required: 11/10/2014 Substance: PETROL Facility Id: 19367	***2856 HWY 17 S***	***1046 / 43***	***2154***
ROSE FAMILY PROPERTI No Action Required: 09/26/2008 Substance: PETRO Substance: PETROL Facility Id: 10758	***940 INLET SQUARE DR***	***1051 / 43***	***2167***
S STRAND CUSTOMER SE No Action Required: 01/09/1997 No Action Required: 07/20/2017 Substance: PETRO Substance: PETROL Facility Id: 10811	***900 INLET SQUARE DR***	***1054 / 43***	***2177***
VILLAGE HARDWARE Substance: PETRO Facility Id: 14367	***3008 HWY 17 S***	***HX1056 / 43***	***2182***
SCOTCHMAN 3124 No Action Required: 11/14/2017 Substance: PETRO Facility Id: 10101	***3020 HWY 17 S***	***HX1060 / 43***	***2187***
PANTRY 3483 No Action Required: 01/04/2011	***3525 HWY 17 BUS***	***1073 / 43***	***2216***

EXECUTIVE SUMMARY

Substance: PETROL Facility Id: 03756			
INLET CONVENIENCE MA No Action Required: 02/12/2009 Substance: PETRO Facility Id: 03739	***3610 HWY 17 BUSINESS***	***1078 / 43***	***2227***
ANCHOR RESTAURANT IN No Action Required: 08/27/1997 Substance: PETRO Facility Id: 17653	***3993 US HWY 17 BUSIN***	***1087 / 46***	***2232***
CAPTAIN DICKS MARINA No Action Required: 11/17/2010 Substance: PETRO Facility Id: 14457	***4123 US 17 BUSINESS***	***1089 / 46***	***2233***
SPEEDWAY 4592 No Action Required: 08/23/2011 Substance: PETROL Facility Id: 17901	***4326A HWY 17 S***	***IE1093 / 46***	***2239***
SOUTH BEACH BAR No Action Required: 02/25/2004 Substance: PETRO Facility Id: 14486	***5218 HWY 17 BYPASS***	***IF1094 / 46***	***2241***
MARLIN QUAY MARINA B No Action Required: 03/07/1997 Substance: PETRO Facility Id: 05184	***1508 S WACCAMAW DR***	***1095 / 46***	***2243***
GASOLINE ALLEY No Action Required: 11/06/2017 Substance: PETRO Facility Id: 03740	***4584 HWY 17***	***IF1096 / 46***	***2244***
INLET CONVENIENCE & No Action Required: 12/06/2006 Substance: PETRO Facility Id: 15780	***4463 HWY 17 BUSINESS***	***1099 / 46***	***2248***
CIRCLE K 2720790 Substance: PETROL Facility Id: 10768	***658 WACHESAW RD***	***IG1100 / 46***	***2250***
CIRCLE K 2723067 No Action Required: 01/27/1994 No Action Required: 08/21/2000 Substance: PETRO Facility Id: 03695	***5146 HWY 17 BYPASS***	***1106 / 46***	***2252***
CIRCLE K 2723229 Substance: PETRO Facility Id: 03713	***3741 HWY 17 BYPASS***	***IH1107 / 46***	***2255***
CIRCLE K 2720301 No Action Required: 02/11/2020 Substance: PETROL Facility Id: 03716	***3730 HWY 17 BYPASS***	***IH1108 / 46***	***2257***

State and tribal registered storage tank lists

UST: Comprehensive Underground Storage Tanks

A review of the UST list, as provided by EDR, and dated 02/12/2020 has revealed that there are 369 UST sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
MIDWAY CHAPEL Facility Id: 17558	***5405 W HWY 501***	***1 / 3***	***140***
MARVINS COUNTRY KITC Facility Id: 15227 Status: Abandoned	4580 HWY 501 W	A5 / 3	142
JOHNSONS OLD RAIL RO Facility Id: 19028 Status: Extended Out-of-Use	4580 HWY 501 W	A6 / 3	142
FARM MART Facility Id: 05005 Status: Abandoned	***5565 HWY 501W***	***7 / 3***	***143***
501 MINI MART LLC Facility Id: 10309 Status: Currently in Use	***4245 HWY 501 W***	***8 / 7***	***144***
JAYATRI INC Facility Id: 12753 Status: Currently in Use Status: Abandoned	***4010 HWY 501 W***	***B12 / 8***	***149***
RONS BUSY CORNER Facility Id: 15223 Status: Abandoned	5709 JUNIPER BAY RD	14 / 7	152
ESTATE OF MARY E HOL Facility Id: 18782 Status: Abandoned	***4055 HWY 501 W***	***15 / 8***	***153***
SCOTCHMAN 3058 Facility Id: 05138 Status: Abandoned Status: Currently in Use	***3410 HWY 501 W***	***C18 / 8***	***155***
FUEL 2 GO Facility Id: 19023 Status: Currently in Use	2901 CHURCH ST	23 / 8	163
MATTRESS FIRM- CHURC Facility Id: 18801 Status: Abandoned	***2776 CHURCH ST***	***E25 / 8***	***164***
MURPHY EXPRESS 8573 Facility Id: 19496 Status: Currently in Use	***2735 CHURCH ST***	***F28 / 8***	***168***
CONWAY FORD INC Facility Id: 04895 Status: Abandoned	***2501 CHURCH ST***	***H35 / 8***	***194***
LILLIANS Facility Id: 05145	***2000 N MAIN ST***	***38 / 9***	***199***

EXECUTIVE SUMMARY

Status: Abandoned			
PEPSI COLA BOTTLING Facility Id: 05052 Status: Abandoned	***2380 HWY 501 N***	***39 / 8***	***201***
VIDEO WORLD Facility Id: 09664 Status: Abandoned	***1900 MAIN ST***	***J42 / 9***	***208***
SPIRES CONVENIENCE S Facility Id: 15446 Status: Abandoned	***16TH & MC DERMOT RD***	***43 / 9***	***210***
ELVIS GENERAL REPAIR Facility Id: 04946 Status: Abandoned	***1801 N MAIN ST***	***J45 / 9***	***212***
G&T DISCOUNT CENTER Facility Id: 13054 Status: Abandoned	***1801 PARKVIEW RD***	***K47 / 9***	***214***
B&M TIRE SERVICE Facility Id: 16134 Status: Abandoned	***1704 MAIN ST***	***51 / 9***	***218***
CONWAY DRIVE THRU Facility Id: 11005 Status: Abandoned	***1723 CHURCH ST***	***M52 / 8***	***220***
SC651 Facility Id: 05180 Status: Abandoned	***1600 MAIN ST***	***N53 / 9***	***223***
QUIK MART 5 Facility Id: 10648 Status: Currently in Use	***1512 N MAIN ST***	***N55 / 9***	***226***
SERVICE AMERICA Facility Id: 17274 Status: Abandoned	***1507 COLLINS DR***	***57 / 9***	***228***
SALLEY CLEANERS Facility Id: 17539 Status: Abandoned	***1510 N MAIN ST***	***N58 / 9***	***230***
CIRCLE K 2721653 Facility Id: 19397 Status: Currently in Use	1700 CHURCH ST	62 / 8	232
SCOTCHMAN 160 Facility Id: 16616 Status: Abandoned	***1646 CHURCH ST (HWY***	***O64 / 8***	***233***
MAIN STREET FARM Facility Id: 14933 Status: Abandoned	***1500 MAIN ST***	***P66 / 9***	***234***
DORMAN PROPERTIES Facility Id: 19847 Status: Abandoned	***1205 LAKESIDE DR***	***68 / 9***	***237***
TIGER MART 3 Facility Id: 05110 Status: Abandoned	***1626 CHURCH ST***	***R72 / 9***	***241***
FOWLER MOTORS INC	***1509 ELM ST***	***74 / 9***	***244***

EXECUTIVE SUMMARY

Facility Id: 05045 Status: Abandoned			
CIRCLE K 2723228 Facility Id: 05231 Status: Abandoned	***1600 CHURCH ST***	***S79 / 9***	***247***
PANTRY Facility Id: 10875	MAIN ST & 12TH AVE	81 / 9	250
MAIN ST SHELL Facility Id: 05027 Status: Extended Out-of-Use	***1100 MAIN ST***	***T84 / 14***	***252***
MAIN STREET EXPRESS Facility Id: 12680 Status: Currently in Use Status: Abandoned	***1112 MAIN ST***	***T85 / 14***	***253***
SPEEDWAY 4582 Facility Id: 19281 Status: Currently in Use	***2298 HWY 378***	***U89 / 13***	***257***
PARKERS AUTO & TRUCK Facility Id: 18618 Status: Abandoned	***2257 HWY 378***	***90 / 13***	***258***
STILLEY PLYWOOD CO I Facility Id: 04918 Status: Abandoned	***16TH AVE & LAKESIDE***	***102 / 14***	***274***
GATEWAY HOMES Facility Id: 15062 Status: Abandoned	***2990 HWY 378 W***	***103 / 13***	***275***
501 BP Facility Id: 05175 Status: Abandoned	1006 CHURCH ST	Z105 / 14	278
BULK SHELL Facility Id: 15753 Status: Abandoned	2005 HWY 378	AA107 / 13	280
BARKERS SERVICE CENT Facility Id: 18784 Status: Currently in Use	600 MAIN ST	AB111 / 14	285
BARKERS 76 Facility Id: 05160 Status: Abandoned	***600 MAIN ST***	***AB112 / 14***	***286***
TIGER MART 19 Facility Id: 18681 Status: Currently in Use	1812 WRIGHT BLVD	AC115 / 13	289
PEE DEE EXCHANGE LLC Facility Id: 10471 Status: Currently in Use	***6450 HWY 378***	***116 / 11***	***289***
QUICKMART Facility Id: 05165 Status: Currently in Use	***1813 WRIGHT BLVD***	***AD117 / 13***	***291***
YOUR BRIDAL OULET Facility Id: 15846	***500 MAIN ST***	***121 / 14***	***294***

EXECUTIVE SUMMARY

Status: Abandoned			
CAROLINA TIRE CO	***1300 6TH AVE***	***123 / 14***	***296***
Facility Id: 05235 Status: Abandoned			
FOOD CHIEF 20	***707 CHURCH ST @ 9TH***	***AE125 / 14***	***306***
Facility Id: 05233 Status: Abandoned			
DOUGS AUTOMOTIVE	***405 MAIN ST***	***AF128 / 14***	***309***
Facility Id: 15406 Status: Abandoned			
T J PARTY SHOP	***935 WRIGHTS BLVD***	***AG131 / 13***	***311***
Facility Id: 13781 Status: Abandoned			
SUNHOUSE PETROLEUM 2	***3372 HWY 378***	***AH133 / 12***	***314***
Facility Id: 14850 Status: Currently in Use Status: Abandoned			
GENERAL TELEPHONE OF	***414 LAUREL ST***	***AI135 / 14***	***317***
Facility Id: 05024 Status: Abandoned			
DOWNTOWN CLEANERS	***1000 4TH AVE***	***AF136 / 14***	***318***
Facility Id: 15117 Status: Abandoned			
DOWNTOWN CLEANERS	***1000 4TH AVE***	***AF138 / 14***	***320***
Facility Id: 15119 Status: Abandoned			
RIVERTOWN AMOCO	***1101 4TH AVE***	***AJ145 / 14***	***340***
Facility Id: 05192 Status: Abandoned			
HARVEY TODDS FINA SE	1101 4TH AVE	AJ146 / 14	343
Facility Id: 11643			
SCOTCHMAN 12	***HWY 501 & 9TH AVE***	***148 / 14***	***344***
Facility Id: 05152 Status: Abandoned			
SAV WAY 21	***604 CHURCH ST***	***AK149 / 14***	***345***
Facility Id: 05190 Status: Abandoned			
SAVE MART	604 CHURCH ST	AK151 / 14	349
Facility Id: 19986 Status: Construct Permit Appl. Received			
APPEND INVESTMENT DB	***3788 HWY 378***	***152 / 12***	***349***
Facility Id: 15516 Status: Abandoned Status: Currently in Use			
TIRE SUPER MARKET	***312 ELM ST***	***AJ153 / 14***	***351***
Facility Id: 18994 Status: Abandoned			
MONEY SAVER FOOD MAR	***4062 HWY 378***	***154 / 12***	***354***
Facility Id: 04958			

EXECUTIVE SUMMARY

Status: Abandoned Status: Last used before 1974 and empty Status: Currently in Use			
CONWAY CITY OF Facility Id: 04923 Status: Abandoned	***229 MAIN ST***	***AL155 / 14***	***357***
HORRY COUNTY SCHOOLS Facility Id: 10133	1605 HORRY ST	157 / 13	360
AMMY LLC DBA MONEY S Facility Id: 05238 Status: Abandoned Status: Currently in Use	***601 CHURCH ST***	***AM159 / 14***	***360***
SHREE MINI MART Facility Id: 18020 Status: Currently in Use	800 WRIGHT BLVD	AN162 / 14	364
SHREE MINI MART Facility Id: 05220 Status: Abandoned	***800 WRIGHT BLVD***	***AN163 / 14***	***364***
CHEF SKIS DELI Facility Id: 18177 Status: Abandoned	***300 ELM ST***	***AO165 / 14***	***366***
EASY PICK UP 1 Facility Id: 05177 Status: Abandoned	***1314 4TH AVE***	***AP166 / 14***	***368***
SUB WAY Facility Id: 16050	484 WRIGHT BLVD	AT176 / 14	377
D D LEWIS EXXON Facility Id: 05241 Status: Abandoned	***1301 3RD AVE***	***AS177 / 14***	***377***
DERWOODS Facility Id: 05143 Status: Abandoned	***420 CHURCH ST***	***AU182 / 14***	***380***
HORRY COUNTY POLICE Facility Id: 05085 Status: Abandoned	***2ND AVE***	***AV190 / 14***	***384***
SANTEE COOPER DISTRI Facility Id: 05039 Status: Abandoned	103 LAUREL ST	191 / 14	385
HORRY COUNTY TECHNOL Facility Id: 12709 Status: Currently in Use	103 ELM ST	AV192 / 14	386
CAPPS SERVICE STATIO Facility Id: 05243 Status: Abandoned	1600 4TH AVE	AW194 / 14	387
4 WAY FUEL Facility Id: 10932 Status: Currently in Use	***1600 4TH AVE***	***AW196 / 14***	***388***
THE COAST RTA Facility Id: 11074	***1418 THIRD AVE***	***AX197 / 14***	***390***

EXECUTIVE SUMMARY

Status: Currently in Use

HORRY COUNTY GOVERNM	***1301 2ND AVE***	***200 / 14***	***392***
Facility Id: 12522 Status: Abandoned			
VILLAGE GROCERY	4TH AVE EXT	AY201 / 14	393
Facility Id: 15195 Status: Last used before 1974 and empty			
MELLOW BUTTERCUP ICE	***1620 4TH AVE***	***BA205 / 14***	***405***
Facility Id: 04908 Status: Abandoned			
COLUMBIA SUPPLY CO	1509 THIRD AVE	BB206 / 14	406
Facility Id: 12682 Status: Abandoned			
LEES DISCOUNT CENTER	***1501 3RD AVE***	***BB208 / 14***	***407***
Facility Id: 05213 Status: Abandoned			
SC DEPT OF TRANSPORT	***301 SMITH ST***	***BC211 / 14***	***411***
Facility Id: 04927 Facility Id: 05076 Status: Abandoned			
CONWAY CITY MARINA	4 ELM ST	BD212 / 14	413
Facility Id: 11659 Status: Currently in Use Status: Abandoned			
CONWAY HORRY COUNTY	***US HWY 378***	***216 / 12***	***418***
Facility Id: 05037 Status: Abandoned			
SANTEE COOPER	HWY 501 BYPASS	217 / 14	421
Facility Id: 04899 Status: Abandoned			
JAMESTOWN LAUNDROMAT	***2605 4TH AVE HWY 701***	***219 / 13***	***422***
Facility Id: 14250 Status: Last used before 1974 and empty			
TIDEWATER HUNTING &	***2702 4TH AVE***	***BE220 / 13***	***423***
Facility Id: 05118 Status: Abandoned			
TIDEWATER HUNTING &	2702 4TH AVE	BE221 / 13	424
Facility Id: 16973			
JAMESTOWN GROCERY	***2703 4TH AVE***	***BE224 / 13***	***425***
Facility Id: 05222 Status: Abandoned			
JAMESTOWN GROCERY	2703 4TH AVE	BE225 / 13	427
Facility Id: 12591			
RAYS STATION	***2900 FOURTH AVE S***	***BF227 / 13***	***428***
Facility Id: 05186 Status: Abandoned Status: Currently in Use			
SCOTCHMAN 31	***850 HWY 501 BYPASS***	***232 / 14***	***432***
Facility Id: 04949			

Status: Abandoned			
CORNER STOP 106	***401 JANETTE ST***	***BG233 / 13***	***434***
Facility Id: 05154 Status: Currently in Use Status: Abandoned			
FLAV O RICH	956 HWY 501 BYPASS	235 / 14	440
Facility Id: 12931 Status: Abandoned			
KINGSTON JUNCTION	***HWY 90 AND 501 BUSIN***	***237 / 14***	***441***
Facility Id: 05193 Status: Abandoned			
CHS HOMEWOOD STORAGE	***3153 US 701 N***	***238 / 13***	***444***
Facility Id: 10403 Status: Abandoned			
SPEEDWAY 4589	***1120 HWY 501 BUS***	***BH240 / 14***	***448***
Facility Id: 18789 Status: Currently in Use			
SCPSA GRAINGER GENER	***1605 MARINA DR***	***BJ250 / 14***	***457***
Facility Id: 15023 Status: Abandoned			
FOOD SHOP MARATHON	***1300 HWY 501 BUSINES***	***BM263 / 14***	***498***
Facility Id: 10327 Status: Currently in Use Status: Abandoned			
FOOD SHOP MARATHON	1300 HWY 501 BUSINES	BM264 / 14	501
Facility Id: 17912			
PELICAN MILLWORK	150 OLE WOODWARD AVE	268 / 14	505
Facility Id: 16976 Status: Abandoned			
BUCKWOOD SHELL	***1108 HWY 501***	***BO272 / 14***	***507***
Facility Id: 12362 Status: Abandoned			
C A TIMBES INC	***PO BOX 826***	***273 / 14***	***509***
Facility Id: 14249 Status: Abandoned			
PIT STOP	***1209 HWY 501***	***BP276 / 14***	***511***
Facility Id: 14427 Status: Permanently Out Of Service			
COASTAL COCA COLA BO	***1160 HWY 501***	***BQ278 / 14***	***513***
Facility Id: 05041 Status: Abandoned			
PIEDMONT COCA COLA B	***1160 HWY 501***	***BQ279 / 14***	***514***
Facility Id: 16686 Status: Abandoned			
SPEEDWAY 4595	1365 HWY 501 E	BR280 / 14	515
Facility Id: 19087 Status: Currently in Use			
RED HILL STATION	***1364 HWY 501 E***	***BT287 / 14***	***524***
Facility Id: 04896			

EXECUTIVE SUMMARY

Status: Abandoned			
FORMER TWILIGHT STAT	***1390 HWY 501 E BYPAS***	***BV292 / 14***	***531***
Facility Id: 04974 Status: Abandoned			
CIRCLE K 2723150	1390 HWY 501 E	BV293 / 14	532
Facility Id: 17320 Status: Currently in Use			
PYA MONARCH INC	***HWY 501 E***	***295 / 15***	***533***
Facility Id: 05030 Status: Abandoned			
QUICK SHOP	***5100 KATES BAY HWY***	***300 / 12***	***537***
Facility Id: 10324 Status: Currently in Use			
SCOTCHMAN 3118	***510 HWY 544***	***301 / 14***	***538***
Facility Id: 05161 Status: Abandoned Status: Currently in Use			
CIRCLE K 2723881	3656 HWY 701 S	303 / 13	546
Facility Id: 18852 Status: Currently in Use			
CIRCLE K 2723225	***669 HWY 544***	***BW305 / 14***	***547***
Facility Id: 05229 Status: Currently in Use			
JIFFY SHOP	***695 HWY SC 544***	***307 / 14***	***552***
Facility Id: 04988 Facility Id: 05195 Status: Abandoned			
HORRY COUNTY SCHOOL	***2205 HWY 501 W***	***316 / 21***	***589***
Facility Id: 10368 Status: Abandoned			
FAY MARTINS GROCERY	6251 KATES BAY HWY	318 / 18	591
Facility Id: 15203 Status: Abandoned			
MINUTEMAN FOOD MART	***2230 HWY 501 W (CHUR***	***321 / 21***	***592***
Facility Id: 16620 Status: Currently in Use			
SCHAFER DIST CO	140 WINYAH RD	BZ322 / 21	593
Facility Id: 17538 Status: Extended Out-of-Use			
HADWIN WHITE PONTIAC	***2325 HWY 501 E***	***CE341 / 21***	***639***
Facility Id: 05196 Status: Abandoned			
SCOTCHMAN 3133	***2354 HWY 501 E***	***CF343 / 21***	***642***
Facility Id: 10288 Status: Currently in Use			
QUAIL CREEK GOLF CLU	***107 CITADEL DR***	***CG346 / 21***	***648***
Facility Id: 19069 Status: Abandoned			
CONWAY MEDICAL CENTE	300 SINGLETON RIDGE	CI351 / 21	661

Facility Id: 18068
Status: Currently in Use

COASTAL CAROLINA HOS	***152 WACCAMAW MEDICAL***	***352 / 21***	***662***
Facility Id: 15631 Status: Abandoned			
CIRCLE K 3187	***1200 HWY 544***	***356 / 20***	***676***
Facility Id: 19150 Status: Currently in Use			
GRAND STRAND WATER &	***166 JACKSON BLUFF RD***	***CK357 / 20***	***677***
Facility Id: 09646 Status: Abandoned			
GRAND STRAND WATER &	***166 JACKSON BLUFF RD***	***CK358 / 20***	***678***
Facility Id: 09647 Status: Abandoned			
MYRTLE BEACH GARAGE	305 B GARDNER LACY R	362 / 21	681
Facility Id: 13245 Status: Currently in Use			
SANTEE COOPER	305 A GARDNER LACY R	363 / 21	682
Facility Id: 12913 Status: Currently in Use			
BURNING RIDGE GOLF C	***500 BURNING RIDGE RD***	***369 / 21***	***690***
Facility Id: 15477 Status: Abandoned			
CIRCLE K 2720908	***1500 HWY 544***	***373 / 20***	***941***
Facility Id: 17938 Status: Abandoned			
SCOTCHMAN 3029	***3047 HWY 501 E***	***376 / 21***	***943***
Facility Id: 04950 Status: Currently in Use Status: Abandoned			
MURPHY EXPRESS 8585	150 MYRTLE RIDGE RD	CP384 / 21	972
Facility Id: 19507 Status: Currently in Use			
WACCAMAW GROCERY	4823 PEE DEE HWY	CR389 / 17	1073
Facility Id: 18236 Status: Currently in Use			
WACCAMAW GROCERY	4823 PEE DEE HWY	CR391 / 17	1074
Facility Id: 04955 Status: Abandoned			
WACCAMAW GROCERY	***4823 PEE DEE HWY***	***CR392 / 17***	***1075***
Facility Id: 15175 Status: Abandoned			
SPEEDWAY 4588	***1931 HWY 544***	***393 / 20***	***1076***
Facility Id: 17734 Status: Currently in Use			
SCOTCHMAN 3225	4101 POSTAL WAY	396 / 21	1079
Facility Id: 19261 Status: Currently in Use			
KROGER FUEL CENTER 0	3735 RENEE DR	CS398 / 21	1086

Facility Id: 19629 Status: Currently in Use			
SCOTCHMAN 3123 Facility Id: 18699 Status: Currently in Use	3774 RENEE DR	CT399 / 21	1087
SCOTCHMAN 3121 Facility Id: 18698 Status: Currently in Use	104 SEABORN DR	405 / 21	1089
J A GROCERY Facility Id: 05141 Status: Abandoned	***2290 HWY 544***	***407 / 20***	***1093***
CIRCLE K 2723071 Facility Id: 17599 Status: Currently in Use	4408 HWY 501	CU410 / 27	1096
WACCAMAW BRICK Facility Id: 05028 Status: Abandoned	***305 GREENLEAF CIR***	***412 / 27***	***1098***
MYRTLE BEACH SPEEDWA Facility Id: 10872 Status: Abandoned	***455 HOSPITALITY LN***	***414 / 28***	***1100***
PANTRY 246 Facility Id: 05197 Status: Abandoned	***3904 US HWY 501***	***CW422 / 28***	***1128***
CIRCLE K 2723064 Facility Id: 05104 Status: Currently in Use	***3710 WACCAMAW BLVD***	***CY429 / 28***	***1146***
EASY STOP GROCERY Facility Id: 13180 Status: Currently in Use	***8545 HWY 544***	***CZ432 / 26***	***1149***
COASTAL PETRO LLC Facility Id: 19198 Status: Currently in Use	595 BURCALE RD	438 / 28	1159
SUNHOUSE PETROLEUM # Facility Id: 05169 Status: Currently in Use	***102 GEORGE BISHOP PK***	***DB440 / 28***	***1160***
FORESTBROOK REMOTE S Facility Id: 10156 Status: Abandoned	***BURCALE RD***	***443 / 28***	***1163***
UPS MYRTLE BEACH Facility Id: 13786 Status: Currently in Use	200 GEORGE BISHOP PK	DC450 / 28	1165
UPS MYRTLE BEACH Facility Id: 10613 Status: Abandoned	***200 GEORGE BISHOP PK***	***DC451 / 28***	***1166***
UPS MYRTLE BEACH Facility Id: 04902 Status: Abandoned	200 GEORGE BISHOP PK	DC463 / 28	1177
FORESTBROOK GROCERY Facility Id: 17398	***1272 FORESTBROOK RD***	***DD469 / 27***	***1179***

Status: Currently in Use Status: Extended Out-of-Use			
STARWOOD INC Facility Id: 11582 Status: Abandoned	326 BUSH DR	473 / 28	1183
WACCAMAW CONVENIENCE Facility Id: 10488 Status: Abandoned	***311 GEORGE J BISHOP***	***477 / 28***	***1188***
RIVERWALK INN Facility Id: 18861 Status: Abandoned	101 FANTASY HARBOUR	479 / 28	1189
MINUTEMAN FOOD MART Facility Id: 19628 Status: Currently in Use	1960 MR JOE WHITE AV	DF483 / 29	1213
TIGER MART 14 Facility Id: 05170 Status: Abandoned	***1960 10TH AVE N***	***DF486 / 29***	***1214***
MYRTLE BEACH SECTION Facility Id: 05079 Status: Abandoned	***2779 HWY 501***	***DG487 / 28***	***1216***
WACCAMAW POTTERY Facility Id: 17640 Status: Abandoned	HWY 501	489 / 28	1219
NEIL JOHNSON BUICK G Facility Id: 14021 Status: Abandoned	***922 FRONTAGE RD***	***DH490 / 28***	***1219***
SAMS CLUB 6353 Facility Id: 18332 Status: Currently in Use	1946 10TH AVE N	DI496 / 29	1232
MYRTLE BEACH UST Facility Id: 18912 Status: Abandoned	***7851 HWY 544***	***499 / 26***	***1267***
RICHBOURGS SALES & R Facility Id: 11465 Status: Abandoned	749 JASON BLVD	DJ503 / 28	1276
MYRTLE BEACH OPERATI Facility Id: 05040 Status: Currently in Use Status: Abandoned	***1935 MR JOE WHITE AV***	***DK505 / 29***	***1279***
OLD POLICE STATION Facility Id: 04926 Status: Abandoned	***10TH AVE N***	***DL506 / 29***	***1282***
OLD SHOP PUBLIC WORK Facility Id: 04925 Status: Abandoned	***10TH AVE N***	***DL507 / 29***	***1283***
HAKSIM INC DBA PEACH Facility Id: 12248 Status: Currently in Use	***7981 HWY 544***	***DM509 / 26***	***1284***
CIRCLE K 2723221	***1929 MR JOE WHITE AV***	***DN512 / 29***	***1289***

Facility Id: 09957 Status: Currently in Use			
CAYCE COMPANY INC Facility Id: 13949 Status: Abandoned	***909 SEABOARD ST***	***DO515 / 29***	***1292***
ACS Facility Id: 11187 Status: Abandoned	***909 SEABOARD INDUST***	***DO516 / 29***	***1293***
RENTAL SERVICE CORP Facility Id: 05012 Status: Abandoned	***915 SEABOARD ST***	***DO519 / 29***	***1294***
MYRTLE BEACH SALES Y Facility Id: 05057 Status: Abandoned	***US HWY 501***	***520 / 28***	***1297***
CHAVIS VAN & STORAGE Facility Id: 05172 Status: Abandoned	***800/802 SEABOARD ST***	***523 / 28***	***1299***
EQUIPMENT RENTAL & S Facility Id: 13948 Status: Abandoned	709 SEABOARD ST	525 / 28	1301
SPEEDWAY 4575 Facility Id: 19492 Status: Currently in Use	1845 MR JOE WHITE AV	DQ531 / 29	1306
SANTEE COOPER MYRTLE Facility Id: 12684 Status: Abandoned	***429 WATERSIDE DRIVE***	***DR534 / 28***	***1313***
HARPER PLUMBING Facility Id: 14128 Status: Abandoned	***1607 EXECUTIVE AVE***	***540 / 28***	***1317***
COSTCO WHOLESALE 338 Facility Id: 18938 Status: Currently in Use	1021 OAK FOREST LN	DT544 / 28	1325
COBLE DAIRY MYRTLE B Facility Id: 13957 Status: Abandoned	***HWY 501***	***DU547 / 28***	***1338***
COBURG DAIRY INC Facility Id: 05014 Status: Abandoned	***2110 HWY 501***	***559 / 28***	***1364***
MURPHY USA 7618 Facility Id: 19784 Status: Currently in Use	865 OAK FOREST LN	564 / 28	1389
MYRTLE BEACH CONVENT Facility Id: 15254 Status: Abandoned	***21ST AVE N & OAK ST***	***567 / 29***	***1390***
BOSTAR BUILDING Facility Id: 14443 Status: Last used before 1974 and empty	1987 HWY 501	573 / 28	1400
BADGER R BAZEN CO IN Facility Id: 13249	***1519 EXECUTIVE BLVD***	***574 / 29***	***1400***

Status: Abandoned			
F&G INC Facility Id: 05094 Status: Abandoned	2101 N KINGS HWY	DY577 / 36	1403
CIRCLE K 2720909 Facility Id: 17987 Status: Currently in Use	1695 HWY 501 W	EA585 / 35	1420
ATLANTIS ASSOCIATION Facility Id: 18017 Status: Abandoned	400 20TH AVE N	587 / 36	1421
CASH & DASH Facility Id: 12901 Status: Abandoned	***7010 HWY 544 NEAR SO***	***EB589 / 33***	***1422***
STRAND LINEN INC Facility Id: 12096 Status: Abandoned	1201 TENTH AVE N	ED593 / 36	1426
FOOD DEPOT Facility Id: 12540 Status: Abandoned	***1101 TENTH AVE N***	***594 / 36***	***1427***
501 AMOCO Facility Id: 05156 Status: Abandoned	***1432 HWY 501***	***EF597 / 36***	***1430***
SNJ MARKET Facility Id: 13148	1601 N KINGS HWY	EE599 / 36	1432
SNJ MARKET Facility Id: 05174 Status: Abandoned Status: Currently in Use	***1601 N KINGS HWY***	***EE600 / 36***	***1433***
PANTRY 3226 DBA FOOD Facility Id: 05232 Status: Abandoned	***1455 HWY 501***	***EF602 / 36***	***1437***
PHOENIXX MART Facility Id: 17388 Status: Currently in Use Status: Extended Out-of-Use	1350 HWY 501	EG604 / 36	1441
VERIZON MYRTLE BEACH Facility Id: 11179 Status: Abandoned	***919 LUMBER ST***	***606 / 36***	***1442***
PANTRY 248 Facility Id: 04989 Status: Abandoned	***1213 THIRD AVE S***	***609 / 36***	***1444***
BETTER BRANDS INC Facility Id: 05031 Status: Abandoned Status: Currently in Use	***908 JACKSON ST***	***614 / 36***	***1448***
MISS KITTYS INC Facility Id: 15532 Status: Abandoned	***1379 THIRD AVE S***	***EI616 / 36***	***1450***
DUNES CYCLE MISS KIT	1379 3RD AVE S	EI617 / 36	1453

Facility Id: 15698 Status: Abandoned			
MYRTLE BEACH SC4110 Facility Id: 04903 Status: Abandoned	901 LUMBER ST	620 / 36	1454
MYRTLE BEACH CITY OF Facility Id: 05083 Status: Abandoned	***1101 OAK ST***	***621 / 36***	***1455***
NU WAY LAUNDRY Facility Id: 16954 Status: Abandoned	1012 8TH AVE N	622 / 36	1456
MYRTLE BEACH CITY OF Facility Id: 05084 Facility Id: 05090 Status: Abandoned	***10TH AVE N & OAK ST***	***624 / 36***	***1457***
SCOTT CARS OF MYRTLE Facility Id: 12420 Status: Abandoned	***1251 HWY 501***	***EK626 / 36***	***1459***
ALLENS FOOD BASKET Facility Id: 15253 Status: Abandoned	***1012A HWY 501***	***631 / 36***	***1462***
DARGAN CONSTRUCTION Facility Id: 14425 Status: Abandoned Status: Currently in Use	***900 8TH AVE N***	***632 / 36***	***1464***
JIM SMITH CHRYSLER P Facility Id: 14214 Status: Abandoned	***1004 HWY 501***	***EM634 / 36***	***1466***
YACHTSMAN RESORT Facility Id: 14658 Status: Abandoned	***1400 N OCEAN BLVD***	***635 / 36***	***1467***
CIRCLE K 2708111 Facility Id: 05113 Status: Abandoned Status: Currently in Use	***1101 N KINGS HWY***	***EL639 / 36***	***1473***
MINUTEMAN FOOD MART Facility Id: 19910 Status: Currently in Use	4100 PINE HOLLOW RD	641 / 33	1476
NOLAND CO Facility Id: 13107 Status: Abandoned	711 NINTH AVE N	648 / 36	1480
CHAPIN SERVICE STATI Facility Id: 05137 Status: Abandoned	***901 OAK ST***	***649 / 36***	***1480***
MARYLAND FRIED CHICK Facility Id: 15322 Status: Last used before 1974 and empty Status: Abandoned	***939 N KING HWY***	***EP651 / 36***	***1484***
PAMS CORNER INC	***934 HWY 501***	***EQ652 / 36***	***1487***

Facility Id: 05158 Status: Abandoned			
BALSAM KWIKI LUBE Facility Id: 19674 Status: Abandoned	***930 HWY 501***	***EQ655 / 36***	***1490***
RAMSEY COMPANY Facility Id: 15995 Status: Last used before 1974 and empty	703 EIGHTH AVE NORTH	ES663 / 36	1503
GENERAL TELEPHONE OF Facility Id: 05023 Status: Abandoned	914 CHESTER ST	ET666 / 36	1504
VERIZON MYRTLE BEACH Facility Id: 12451 Status: Abandoned	***914 CHESTER ST***	***ET667 / 36***	***1504***
FLATIRON BLDG & AJAC Facility Id: 13965 Status: Abandoned	***HWY 17 S & BROADWAY***	***668 / 36***	***1506***
5 POINTS GAS & CONV Facility Id: 15218 Status: Extended Out-of-Use Status: Currently in Use	***728 BROADWAY ST***	***ES670 / 36***	***1507***
FORMER AMOCO MARY WI Facility Id: 15078	515 HWY 501	EV673 / 36	1512
SAILING AND SKI CONN Facility Id: 15213 Status: Abandoned	***515 HWY 501***	***EV674 / 36***	***1512***
CHRIS YAHNIS COASTAL Facility Id: 10982 Status: Abandoned	***851 BROADWAY***	***677 / 36***	***1515***
HUMMINGBIRD SITE Facility Id: 18794 Status: Abandoned	***800 N KINGS HWY***	***688 / 36***	***1542***
OCEAN GROCERY Facility Id: 10344 Status: Currently in Use Status: Abandoned	***6409 DICK POND RD***	***692 / 34***	***1546***
SCOTCHMAN 3064 Facility Id: 05140 Status: Currently in Use Status: Abandoned	***1101 3RD AVE S***	***EY696 / 36***	***1554***
CIRCLE K 2723063 Facility Id: 10145 Status: Currently in Use	***6326 DICK POND RD***	***EZ697 / 34***	***1556***
DON L MORSE CO INC Facility Id: 15139 Status: Abandoned	400 W BROADWAY	699 / 36	1557
BOB BIBLE HONDA/BMW Facility Id: 05219 Status: Abandoned	***1100 3RD AVE S***	***FA701 / 36***	***1558***
FIRESTONE STORE 0578	613 N KINGS HWY	FB706 / 36	1568

Facility Id: 05151 Status: Abandoned			
SCOTCHMAN 137 Facility Id: 11823 Status: Abandoned	***600 N KINGS HWY***	***FB707 / 36***	***1569***
SAVEMART Facility Id: 19463 Status: Currently in Use	600 N KINGS HWY	FB709 / 36	1571
CIRCLE K 2720479 Facility Id: 05210 Status: Currently in Use	***1009 3RD AVE S***	***FC710 / 36***	***1571***
USPS MYRTLE BEACH Facility Id: 05058 Status: Abandoned	***512 N KINGS HWY***	***FB714 / 36***	***1574***
TODDS GROCERY Facility Id: 13970 Status: Abandoned	1500 HWY 15	715 / 35	1575
SQUIRE CORNER CAFE Facility Id: 16400 Status: Abandoned	***1 PARK DR***	***FD718 / 35***	***1586***
COASTAL SAVERS Facility Id: 12399 Status: Currently in Use Status: Abandoned	***900 HWY 15***	***719 / 35***	***1587***
SCOTCHMAN 3060 Facility Id: 04961 Status: Currently in Use Status: Abandoned	***1202 PORT DR***	***FG732 / 35***	***1595***
VACANT LOT Facility Id: 18946 Status: Abandoned	***100 N KINGS HWY***	***FH738 / 36***	***1602***
AVIS Facility Id: 09953 Status: Abandoned	***MYRTLE BEACH JETPORT***	***740 / 35***	***1605***
SOCASTEE SEAFOOD SHA Facility Id: 18533 Status: Abandoned	***4000 HWY 707***	***741 / 34***	***1606***
GALAXY VIDEO Facility Id: 18594 Status: Abandoned	***3624 SOCASTEE BLVD***	***743 / 34***	***1609***
KNH FOOD MART Facility Id: 14202 Status: Abandoned	***3940 SOCASTEE BLVD***	***744 / 34***	***1611***
PANTRY 424 Facility Id: 05204 Status: Abandoned	***3400 SOCASTEE BLVD***	***FI746 / 34***	***1614***
W G TURBEVILLE GROCE Facility Id: 15803 Status: Last used before 1974 and empty	***3530 NORTHGATE DR***	***748 / 34***	***1616***

EXECUTIVE SUMMARY

Status: Abandoned			
MYRTLE BEACH JETPORT Facility Id: 04915 Status: Abandoned	HWY 15	749 / 35	1618
SOCASTEE AUTOMOTIVE Facility Id: 12669 Status: Abandoned	***3809 SOCASTEE BLVD***	***752 / 34***	***1629***
CIRCLE K 2723073 Facility Id: 17843 Status: Currently in Use	***4481 SOCASTEE BLVD***	***FK756 / 34***	***1633***
SCOTCHMAN 3253 Facility Id: 05142 Status: Abandoned Status: Currently in Use	***501 3RD AVE S***	***FL757 / 36***	***1635***
MARKET EXPRESS - S K Facility Id: 05099 Status: Abandoned Status: Currently in Use	***211 S KINGS HWY***	***FL761 / 36***	***1638***
CIRCLE K 2723060 Facility Id: 10148 Status: Abandoned	***4570 SOCASTEE BLVD***	***FM764 / 34***	***1641***
CYPRESS PARK MART Facility Id: 05234 Status: Abandoned	***HWY 544***	***768 / 34***	***1644***
BRANTS LANDING Facility Id: 04962 Status: Abandoned	***5835 DOCK POND RD***	***FN773 / 34***	***1653***
SUNHOUSE 24 Facility Id: 12649 Status: Currently in Use	***5010 SOCASTEE BLVD***	***FO775 / 34***	***1656***
BRAVE VILLAGE SHOPPI Facility Id: 16899 Status: Abandoned	***5429 DICK POND RD***	***777 / 34***	***1658***
SPIVEY SOUTH PUMPING Facility Id: 14966 Status: Abandoned	5TH AVE S & YAUPON D	782 / 36	1667
FUN SPOT ACTION PARK Facility Id: 17123 Status: Abandoned	***500 S OCEAN BLVD***	***786 / 36***	***1668***
NILSON VAN & STORAGE Facility Id: 05173 Status: Abandoned	600 11TH AVE S	790 / 35	1672
BUDGET RENT A CAR Facility Id: 05036 Facility Id: 04913 Status: Abandoned	1100 JET PORT RD	FT797 / 35	1690
SPEEDWAY 2840 Facility Id: 12339 Status: Abandoned	900 S KINGS HWY	FV809 / 36	1761
SPEEDWAY 2840	900 S KINGS HWY	FV810 / 36	1762

Facility Id: 05103			
OSPREY MARINA RCEVE Facility Id: 17598 Status: Currently in Use	8400 OSPREY RD	812 / 33	1763
PORT UNIT 205 Facility Id: 05185 Status: Abandoned	***1101 S KINGS HWY***	***FW815 / 36***	***1764***
GRAND STRAND WATER & Facility Id: 09644 Status: Abandoned	***HWY 707 AT RECREATIO***	***816 / 34***	***1767***
GRAB N GO Facility Id: 19574 Status: Currently in Use	3800 PALMETTO POINTE	FX817 / 34	1768
NATIONAL CAR RENTAL Facility Id: 04917 Status: Abandoned	***MYRTLE BEACH CIVIL J***	***819 / 35***	***1769***
SOCASTEE SCHOOL BUS Facility Id: 19174 Status: Currently in Use	5100 LAFON LN	820 / 34	1771
CORAL BEACH OCEANFRO Facility Id: 11512 Status: Abandoned	***1105 S OCEAN BLVD***	***821 / 36***	***1771***
CARRIS R CRIBB SITE Facility Id: 16574 Status: Abandoned	***8911 HWY 701 S***	***825 / 31***	***1773***
CIRCLE K 2723241 Facility Id: 16903 Status: Currently in Use	***1405 S KINGS HWY***	***FY828 / 35***	***1776***
FORMER LEE MOORE CON Facility Id: 15730 Status: Abandoned	1500 S KINGS HWY	829 / 35	1777
REFUEL 51 Facility Id: 19518 Status: Currently in Use	6151 HWY 707	830 / 34	1778
SCOTCHMAN 3106 Facility Id: 05163 Status: Abandoned Status: Currently in Use	***1700 S KINGS HWY***	***GB838 / 35***	***1783***
CIRCLE K 8112 Facility Id: 05183 Status: Currently in Use	***1611 S KINGS HWY***	***GC841 / 35***	***1787***
SPEEDWAY 4591 Facility Id: 18899 Status: Currently in Use	6222 HWY 707	GD845 / 34	1795
WALMART NEIGHBORHOOD Facility Id: 19802 Status: Currently in Use	1701 S KINGS HWY	GB848 / 35	1799
MYRTLE CINEMA 10 PRO Facility Id: 18410	***1804 S KINGS HWY***	***850 / 35***	***1800***

Status: Abandoned			
PALACE HOMEOWNERS AS Facility Id: 14979 Status: Abandoned	***1605 S OCEAN BLVD***	***854 / 35***	***1803***
PEE DEE GROCERY Facility Id: 10475 Status: Currently in Use	***9150 HWY 701 S***	***GE859 / 31***	***1805***
PANTRY 819 Facility Id: 11434 Status: Abandoned	***4625 DICK POND RD***	***GG864 / 34***	***1811***
BLUEWATER RESORT & V Facility Id: 14864 Status: Abandoned	***2001 S OCEAN BLVD***	***865 / 35***	***1812***
EXPRESS MART Facility Id: 05171 Status: Currently in Use	***2620 S KINGS HWY***	***GK876 / 35***	***1921***
RED ROOF INN Facility Id: 15594 Status: Abandoned	2801 S KINGS HWY	878 / 35	1922
MYRTLE BEACH GRAND P Facility Id: 14131 Status: Abandoned	***3201 HWY 17 S***	***881 / 35***	***1923***
SCOTCHMAN 53 Facility Id: 05119 Status: Currently in Use Status: Abandoned	***3211 S KINGS HWY***	***GL884 / 35***	***1928***
UNICON TRI COUNTY IN Facility Id: 12530 Status: Abandoned	2511 BIG BLOCK RD	GM885 / 34	1930
CIRCLE K 5049 Facility Id: 11622 Status: Currently in Use	***3301 S KINGS HWY***	***GN890 / 35***	***1932***
SCOTCHMAN 3222 Facility Id: 18682 Status: Currently in Use	100 N STRAND PKWY	GP896 / 40	1944
SUNWAY CHARTERS Facility Id: 17693 Status: Abandoned	3050 DICK POND RD	GP897 / 40	1944
BIG CONCRETE SUPPLY Facility Id: 17723 Status: Abandoned	***SC 544 & US 17 BYPAS***	***898 / 40***	***1945***
BUCKSPORT MARINA Facility Id: 19525 Status: Currently in Use	***135 BUCKSPORT RD***	***899 / 38***	***1946***
MYRTLE BEACH STATE P Facility Id: 05061 Status: Abandoned	4401 S KINGS HWY	901 / 41	1947
PRESTWICK LIMITED PA Facility Id: 11045	2500 PRESTWICK CLUB	902 / 40	1948

EXECUTIVE SUMMARY

Status: Abandoned			
SPEEDWAY 4586 Facility Id: 17733 Status: Currently in Use	***2625 DICK POND RD***	***903 / 40***	***1949***
MURPHY USA 7228 Facility Id: 19096 Status: Currently in Use	2751 BEAVER RUN BLVD	GR911 / 40	1972
PHOENIX 70 Facility Id: 17593 Status: Abandoned	***2301 DICK POND RD***	***GS912 / 40***	***1973***
HOT SPOT 2031 Facility Id: 18191	8496 HWY 707	917 / 39	1986
THE MARKETPLACE Facility Id: 19147 Status: Currently in Use	***1401 COVENTRY RD***	***918 / 40***	***1987***
CIRCLE K 2723059 Facility Id: 05124 Status: Currently in Use	***5600 S HWY 17***	***921 / 41***	***1988***
TEE OFF DELI OF MYRT Facility Id: 10554 Status: Abandoned	***8980 HWY 707***	***923 / 39***	***1991***
MURPHY EXPRESS 8632 Facility Id: 19523 Status: Currently in Use	8737 HWY 17 BYP	GU925 / 40	1993
PIRATELAND FAMILY CA Facility Id: 17313 Status: Abandoned	***5401 S KINGS HWY***	***929 / 41***	***1995***
SCOTCHMAN 3223 Facility Id: 18741 Status: Currently in Use	1272 DICK POND RD	GV932 / 40	1996
MYRTLE BEACH RESORT Facility Id: 18309 Status: Abandoned	***5905 S KINGS HWY UNI***	***933 / 41***	***1997***
PANTRY 247 Facility Id: 05198 Status: Abandoned	***1205 DICK POND RD***	***934 / 40***	***1998***
OCEAN LAKES SERVICE Facility Id: 05144 Status: Abandoned	***6001 S KINGS HWY***	***GW936 / 40***	***2007***
OCEAN LAKES FAMILY C Facility Id: 14898 Status: Abandoned	6001 S KINGS HWY	GW939 / 40	2010
CIRCLE K 2720910 Facility Id: 17965 Status: Currently in Use	4700 HOLMESTOWN RD	GX942 / 39	2011
CIRCLE K 2708109 Facility Id: 05182 Status: Currently in Use	***2016 N HWY 17***	***GY944 / 40***	***2012***
SCOTCHMAN 3224	9600 SC HWY 707	945 / 39	2014

Facility Id: 18649 Status: Currently in Use			
SPEEDWAY 4577 Facility Id: 19490 Status: Currently in Use	3288 HOLMESTOWN RD	GZ949 / 40	2018
LANCES MINI MART Facility Id: 10771 Status: Currently in Use	10088 HWY 707	954 / 39	2020
SCOTCHMAN 3052 Facility Id: 05147 Status: Abandoned	***1611 HWY 17N***	***955 / 40***	***2021***
PANTRY 3232 Facility Id: 11600 Status: Abandoned	***2590 GLENNS BAY RD***	***HC959 / 40***	***2025***
CIRCLE K 2720792 Facility Id: 10835 Status: Currently in Use	2591 GLENNS BAY RD	HD962 / 40	2027
MASON TIRE AND AUTO Facility Id: 18582 Status: Abandoned	***750 HWY 17 N***	***HE965 / 40***	***2029***
CIRCLE K 2723482 Facility Id: 05240 Status: Currently in Use Status: Abandoned	***501 HWY 17 N***	***HG970 / 40***	***2037***
PANTRY 465 Facility Id: 05209 Status: Abandoned	***999 HWY 17 S***	***HH972 / 40***	***2040***
CORKYS EXXON INC Facility Id: 12247	215 HWY 17 N	HH973 / 40	2042
PATEL BROTHERS INC D Facility Id: 05096 Status: Abandoned	***215 HWY 17 N***	***HH974 / 40***	***2043***
SURFSIDE BEACH TOWN Facility Id: 14237 Status: Abandoned	***115 US HWY 17 N***	***HJ980 / 40***	***2054***
CIRCLE K 2720334 Facility Id: 05202 Status: Abandoned	***1011 GLENNS BAY RD***	***981 / 40***	***2057***
CIRCLE K 2723418 Facility Id: 05042 Status: Currently in Use Status: Abandoned	***11 HWY 17 N***	***HJ983 / 40***	***2059***
LUBE CITY Facility Id: 15667 Status: Abandoned	***1012 SURFPINE DR***	***992 / 40***	***2073***
SUNSPOT CONVENIENCE Facility Id: 05205 Status: Abandoned	***411 HWY 17 S***	***996 / 40***	***2084***
MYRTLE BEACH KOA	***613 5TH AVE S***	***1006 / 44***	***2104***

Facility Id: 11653 Status: Abandoned			
WILD WATER & WHEELS Facility Id: 12601 Status: Currently in Use	910 HWY 17 S	1008 / 44	2105
COLLINS CREEK GAS & Facility Id: 12407 Status: Abandoned Status: Currently in Use Status: Extended Out-of-Use	***11113 HWY 707***	***1009 / 43***	***2106***
TIDEMASTER OWNERS AS Facility Id: 18359 Status: Abandoned	***517 S OCEAN BLVD***	***1014 / 44***	***2109***
CIRCLE K 2723062 Facility Id: 05122 Status: Currently in Use	***1611 HWY 17 S***	***HP1016 / 44***	***2110***
CIRCLE K 2720403 Facility Id: 05203 Status: Abandoned	***2005 US 17 BUESINESS***	***1023 / 44***	***2118***
BULL MART 4 Facility Id: 05215 Status: Abandoned	***2464 HWY 17 S***	***1032 / 44***	***2122***
SURFMASTER CONDOMINI Facility Id: 12600 Status: Abandoned	1620 N WACCAMAW DR	1039 / 44	2146
MURPHY EXPRESS 8663 Facility Id: 19553 Status: Currently in Use	2700 S HWY 17 BUS	HU1041 / 44	2147
GARDEN CITY 66 Facility Id: 04987 Status: Abandoned	***RT 2 PO BOX 570***	***1043 / 44***	***2148***
LOWES FOODS LLC STOR Facility Id: 19470 Status: Currently in Use	11903 HWY 707	1044 / 43	2150
FORMER KRISPY KREME Facility Id: 19367 Status: Abandoned	***2856 HWY 17 S***	***1046 / 43***	***2154***
ROSE FAMILY PROPERTI Facility Id: 10758 Status: Abandoned	***940 INLET SQUARE DR***	***1051 / 43***	***2167***
KROGER FUEL CTR 025 Facility Id: 19461 Status: Currently in Use	2939 HWY 17 S	1052 / 43	2170
S STRAND CUSTOMER SE Facility Id: 10811 Status: Currently in Use Status: Abandoned	***900 INLET SQUARE DR***	***1054 / 43***	***2177***
WALMART NEIGHBORHOOD Facility Id: 19794	11970 HWY 17 BYP	HW1055 / 43	2181

Status: Currently in Use			
VILLAGE HARDWARE	***3008 HWY 17 S***	***HX1056 / 43***	***2182***
Facility Id: 14367 Status: Abandoned			
SCOTCHMAN 3124	***3020 HWY 17 S***	***HX1060 / 43***	***2187***
Facility Id: 10101 Status: Currently in Use			
COASTAL GAS	3411 HWY 17 BUS	IB1068 / 43	2210
Facility Id: 14621 Status: Currently in Use			
PANTRY 3483	***3525 HWY 17 BUS***	***1073 / 43***	***2216***
Facility Id: 03756 Status: Abandoned			
INLET CONVENIENCE MA	***3610 HWY 17 BUSINESS***	***1078 / 43***	***2227***
Facility Id: 03739 Status: Abandoned			
WACCA WACHE MARINA	1950 WACHESAW RD	1081 / 42	2230
Facility Id: 13235 Status: Currently in Use			
TIDELANDS WACCAMAW C	4070 HWY 17 BYPASS	1082 / 43	2230
Facility Id: 19608 Status: Construct Permit Appl. Received			
ANCHOR RESTAURANT IN	***3993 US HWY 17 BUSIN***	***1087 / 46***	***2232***
Facility Id: 17653 Status: Abandoned			
H&C FISH HOUSE INC	4091 HWY 17 BUS	1088 / 46	2233
Facility Id: 14234 Status: Abandoned			
CAPTAIN DICKS MARINA	***4123 US 17 BUSINESS***	***1089 / 46***	***2233***
Facility Id: 14457 Status: Abandoned			
SPEEDWAY 4592	***4326A HWY 17 S***	***IE1093 / 46***	***2239***
Facility Id: 17901 Status: Currently in Use			
SOUTH BEACH BAR	***5218 HWY 17 BYPASS***	***IF1094 / 46***	***2241***
Facility Id: 14486 Status: Abandoned			
MARLIN QUAY MARINA B	***1508 S WACCAMAW DR***	***1095 / 46***	***2243***
Facility Id: 05184 Status: Currently in Use Status: Abandoned			
GASOLINE ALLEY	***4584 HWY 17***	***IF1096 / 46***	***2244***
Facility Id: 03740 Status: Abandoned			
REFUEL 35	4584 HWY 17	IF1098 / 46	2247
Facility Id: 18427 Status: Currently in Use			
INLET CONVENIENCE &	***4463 HWY 17 BUSINESS***	***1099 / 46***	***2248***
Facility Id: 15780			

Status: Abandoned			
CIRCLE K 2720790	***658 WACHESAW RD***	***IG1100 / 46***	***2250***
Facility Id: 10768 Status: Currently in Use			
CIRCLE K 2723067	***5146 HWY 17 BYPASS***	***1106 / 46***	***2252***
Facility Id: 03695 Status: Currently in Use			
CIRCLE K 2723229	***3741 HWY 17 BYPASS***	***IH1107 / 46***	***2255***
Facility Id: 03713 Status: Abandoned			
CIRCLE K 2720301	***3730 HWY 17 BYPASS***	***IH1108 / 46***	***2257***
Facility Id: 03716 Status: Currently in Use			

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CDL: Clandestine Drug Lab Sites

A review of the CDL list, as provided by EDR, has revealed that there are 34 CDL sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
Not reported	460 KNOTTY BRANCH RD	2 / 3	141
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	5001 MURRAY JOHNSON	3 / 3	141
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	704 RAINTREE LN	274 / 15	510
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	612 UNIVERSITY FORES	275 / 15	510
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	607 KENT LN	403 / 22	1088
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	946 PEPPERWOOD DR	404 / 20	1089
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	4434 PEEDEE HWY	409 / 17	1096
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	2301 HWY 501	539 / 28	1316
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	1512 EXECUTIVE AVE	572 / 29	1398
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	29577 1559 CANNON RD	596 / 35	1429
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	800 CANAL ST	610 / 36	1445
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	12TH AVE N AND OAK S	612 / 36	1446
Database: CDL, Date of Government Version: 01/24/2012			

EXECUTIVE SUMMARY

Site	Address	Map ID / Focus Map(s)	Page
Not reported	5838 BEAR LANE	619 / 33	1454
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	1359 CANNON RD	687 / 35	1542
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	609 4TH AVE N	FE721 / 36	1591
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	603 4TH AVE N	FE723 / 36	1592
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	608 N OCEAN BLVD	725 / 36	1593
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	211 NORTH MYRTLE ST	726 / 36	1593
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	5TH AVE & SWANN CV	729 / 35	1594
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	5543 ROSEWOOD DRIVE	753 / 34	1631
Database: CDL, Date of Government Version: 01/24/2012			
Not reported	DICK POND RD & STRAN	813 / 34	1764
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	1900 SOUTH OCEAN BLV	862 / 35	1810
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	2010 S. OCEAN BLVD	870 / 35	1905
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	2608 S OCEAN BLVD	879 / 35	1923
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	6454 SWEET GUM TRAIL	905 / 39	1950
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	1200 DEER CREEK RD	946 / 40	2014
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	407 5TH AVE N	991 / 40	2073
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	304 N OCEAN BLVD	1002 / 40	2095
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	308 2ND AVE N	1005 / 44	2103
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	4305 SWEETWATER BLVD	1012 / 43	2108
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	1725 NORTH HWY 17	1020 / 44	2116
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	1016 WILLOW DRIVE	1021 / 44	2117
Database: CDL, Date of Government Version: 01/24/2012			
Not reported	433 BELLE DR	1050 / 44	2167
Database: CDL 2, Date of Government Version: 02/27/2020			
Not reported	1069 PALMER PL	1105 / 46	2252
Database: CDL 2, Date of Government Version: 02/27/2020			

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

A review of the HMIRS list, as provided by EDR, and dated 06/22/2020 has revealed that there are 22 HMIRS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC446 / 28	1164
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC447 / 28	1164
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC448 / 28	1165
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC449 / 28	1165
Not reported	200 GEORGE BISHOP BL	DC452 / 28	1167
Not reported		DC453 / 28	1167
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC454 / 28	1167
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC455 / 28	1168
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC456 / 28	1168
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC457 / 28	1168
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC459 / 28	1176
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC460 / 28	1176
UNKNOWN	UNKNOWN	DC461 / 28	1176
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC462 / 28	1177
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC464 / 28	1177
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC465 / 28	1178
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC466 / 28	1178
200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	DC467 / 28	1178
Not reported	1946 10TH AVENUE NOR	DI494 / 29	1231
Not reported	1946 10TH AVENUE NOR	DI495 / 29	1232
Not reported	1600 STOCKHOLDER	DV554 / 28	1347
Not reported	656 WACHESAW RD	IG1102 / 46	2251

Other Ascertainable Records

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A review of the COAL ASH EPA list, as provided by EDR, and dated 01/12/2017 has revealed that there are 2 COAL ASH EPA sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
DOLPHUS M. GRAINGER	1605 MARINA DRIVE	BJ247 / 14	455
DOLPHUS M. GRAINGER	1605 MARINA DRIVE	BJ249 / 14	457

UXO: Unexploded Ordnance Sites

A review of the UXO list, as provided by EDR, and dated 12/31/2018 has revealed that there are 3 UXO sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
GROUND GUNNERY & RAN		478 / 28	1189
MUNITIONS DISPOSAL P	AFRPA/COO-MYRTLE BEA	849 / 35	1800
3RD STREET UXO AOC	AFRPA/COO-MYRTLE BEA	852 / 35	1803

EXECUTIVE SUMMARY

ECHO: Enforcement & Compliance History Information

A review of the ECHO list, as provided by EDR, and dated 06/27/2020 has revealed that there are 280 ECHO sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
T&J BUILDERS INC/TOD Registry ID: 110020149383	5451 JUNIPER BAY RD	16 / 7	155
GENES BODY SHOP Registry ID: 110002330503	***2893 HWY 501 W***	***D21 / 8***	***159***
AVX CORPORATION Registry ID: 110000862488	2875 HWY 501	22 / 8	163
ASPEN DENTAL Registry ID: 110067678070	***2756 CHURCH ST***	***F27 / 8***	***165***
WALMART SUPERCENTER Registry ID: 110012260784	2709A CHURCH ST	G31 / 8	183
CONWAY FEED & GARDEN Registry ID: 110001671281	2210 N MAIN ST	32 / 9	184
SC DEPARTMENT OF AGR Registry ID: 110055530625	2200 N MAIN ST	33 / 9	184
CONWAY FORD INC Registry ID: 110002248185	***2501 CHURCH ST***	***H34 / 8***	***184***
HARBOR FREIGHT TOOLS Registry ID: 110069393114	2300 CHURCH ST UNIT1	I37 / 8	199
CONWAY CHRYSLER PLYM Registry ID: 110002330549	***2385 HWY 501W***	***40 / 8***	***203***
STILLEY PLYWOOD CLOS Registry ID: 110001666894	501 16TH AVENUE	41 / 9	207
FRANK & SONS MFG. IN Registry ID: 110002231451	2093 CHURCH STREET	L49 / 8	217
FRANK & SON MFG - CL Registry ID: 110001669908	2093 CHURCH ST	L50 / 8	217
HUCKS AUTO SALES & B Registry ID: 110002248005	1727 CHURCH ST	M56 / 8	228
KMART 7555 Registry ID: 110038911229	1610 U CHURCH ST	69 / 9	237
CAROLINA TIRE COMPAN Registry ID: 110017196531	1300 16TH AVENUE	Q71 / 9	240
G J CREEL & SONS, IN Registry ID: 110014420466	708 12TH AVENUE	75 / 9	246
MARBLECRAFT Registry ID: 110002247961	1621 CHURCH ST	76 / 9	246
SHERWIN WILLIAMS CO Registry ID: 110002247890	1229 16TH AVE	77 / 9	246
RITE AID #11625 Registry ID: 110046540123	1610-Z CHURCH STREET	78 / 9	246
G & G MINING CO/G & Registry ID: 110002184751	5010 MARIGOLD RD	87 / 12	256
PALMETTO MEMORIAL FU	2300 HWY 378	U88 / 13	256

EXECUTIVE SUMMARY

Registry ID: 110031201697			
PEPSI COLA BOTTLING Registry ID: 110064115201	***HWY 501 W***	***V91 / 14***	***260***
SPEEDWAY 4582 Registry ID: 110069457509	2208 HWY 378	W93 / 13	268
SASSER MARSHALL C (D Registry ID: 110010686597	1043 9TH AVE	V94 / 14	268
CONWAY HIGH SCHOOL H Registry ID: 110007832284	HWY 501 W	X95 / 14	268
CAROLINA STRAND COMP Registry ID: 110007830080	RED HILL	X96 / 14	269
GEORGIA-PACIFIC CORP Registry ID: 110002193974	GOLF COURSE ROAD	X97 / 14	269
LG TODDS BODY SHOP Registry ID: 110002330451	***2926 HWY 378***	***98 / 13***	***269***
FRESENIUS MEDICAL CA Registry ID: 110038799208	1702 MILLPOND RD	99 / 13	272
WASTE INDUSTRIES INC Registry ID: 110002330308	***3010 HWY 378***	***108 / 13***	***281***
D&L SITEWORKS INC/PE Registry ID: 110070162099	6555 US 378	119 / 11	294
CVS PHARMACY 3851 Registry ID: 110045991138	707 CHURCH ST	AE126 / 14	309
D&L/PEE DEE CROSSROA Registry ID: 110040145367	6924 HWY 378	127 / 10	309
DOUG AUTOMOTIVE & BO Registry ID: 110002248201	405 MAIN STREET	AF129 / 14	311
PALMETTO CHEVROLET C Registry ID: 110002247916	***1122 4TH AVE***	***AJ144 / 14***	***324***
CONWAY CITY OF Registry ID: 110002174450	1001 3RD AVE	AL156 / 14	359
SINGLE SOURCE INC Registry ID: 110069512370	1412 GAMECOCK AVE UN	AR171 / 14	373
PYA MONARCH INC Registry ID: 110008565490	HWY 501 E	186 / 14	383
CONWAY AUTO PARTS IN Registry ID: 110002248167	1401 THIRD AVE	199 / 14	391
CONWAY CLEANERS Registry ID: 110002248176	***1510 3RD AVE***	***AZ203 / 14***	***394***
NORTH AMERICAN INSTI Registry ID: 110002193787	***1700 AIRPORT RD***	***214 / 12***	***415***
GSW&SA/CONWAY WWTP Registry ID: 110006623243	1700 NEW ROAD	215 / 14	418
BUCKSPORT WATER COMP Registry ID: 110006170918	2809 FOURTH AVENUE	230 / 13	431
SPEEDWAY 4589	1120 HWY 501 BUSINES	BH241 / 14	450

Registry ID: 110069457475			
HD SUPPLY WATERWORKS Registry ID: 110032660136	385 FRENCH COLLINS R	BI242 / 14	450
ROYAL OAK ENTERPRISE Registry ID: 110002100609	385 FRENCH COLLINS R	BI243 / 14	450
SANTEE COOPER DOLPHU Registry ID: 110000353885	1605 MARINA DRIVE	BJ251 / 14	460
CANFOR SOUTHERN PINE Registry ID: 110000740789	1283 HIGHWAY 501 BUS	BK253 / 14	461
RED HILL RECOVERED C Registry ID: 110070551496	127 FRENCH COLLINS R	BL258 / 14	492
SOUTHEAST INDUSTRIAL Registry ID: 110043556023	127 FRENCH COLLINS R	BL260 / 14	497
CONCRETE SUPPLY CO., Registry ID: 110070556436	151 OLE WOODWARD RD	261 / 14	497
FAMILY DOLLAR 3581 Registry ID: 110064677452	3400 4TH AVE	BN266 / 13	502
SPEEDWAY 4595 Registry ID: 110069457439	1365 HIGHWAY 501 EAS	BR281 / 14	516
BUILDERS FIRST SOURC Registry ID: 110006119912	1291 HWY 501	283 / 14	519
HD SUPPLY CONSTRUCTI Registry ID: 110037442988	269 E COX FERRY RD	BS286 / 15	523
PENSKE TRUCK LEASING Registry ID: 110038910881	213 E COX FERRY RD	BU289 / 15	529
BAUSCH LINNEMANN SOU Registry ID: 110043556005	201 E COX FERRY	BU290 / 15	530
B3C FUEL SOLUTIONS L Registry ID: 110070633467	108 DAYTONA ST	298 / 15	536
RUSSELL WISE Registry ID: 110030473155	EDWARDS ROAD	304 / 14	547
COASTAL CAROLINA UNI Registry ID: 110002236946	301 ALLIED DR	BX308 / 21	554
ALLIED MANUFACTURING Registry ID: 110015780467	370 ALLIED DRIVE	BX310 / 21	558
PPM CRANES INCORPORA Registry ID: 110000353894	370 ALLIED DRIVE	BX311 / 21	558
METGLAS INC Registry ID: 110001669506	***440 ALLIED DR***	***BX312 / 21***	***558***
WEAVER COMPANY/COX F Registry ID: 110007400133	825 W COX FERRY RD	313 / 20	587
WETLANDS (DR. ARTURO Registry ID: 110017346763	932 COX FERRY CIRCLE	315 / 20	589
D & L SITEWORK/CATES Registry ID: 110020149132	PEE DEE HWY (SC-24)	317 / 17	590
HD SUPPLY WATERWORKS	157 WINYAH RD	BY319 / 21	591

EXECUTIVE SUMMARY

Registry ID: 110024439963			
C R JACKSON INC CONW Registry ID: 110017205157	154 WINYAH RD	BY320 / 21	591
LOWES OF CONWAY 1705 Registry ID: 110070491036	2301 E HIGHWAY 501	CA324 / 21	597
S&W CONWAY PLANT Registry ID: 110055129579	130 WINYAH ROAD	BZ325 / 21	598
S&W READY MIX CONCRE Registry ID: 110056422679	130 WINYAH RD	BZ326 / 21	598
COASTAL CLEANERS Registry ID: 110037443282	2278 HWY 501 E	CB327 / 21	598
FAMILY DOLLAR 7970 Registry ID: 110066986765	***2294 EAST HWY 501***	***CB330 / 21***	***602***
BRB CONSTRUCTION (MO Registry ID: 110040507840	1999 PITCH LANDING R	331 / 19	606
SOUTHERN ASPHALT/EAG Registry ID: 110009811098	SWITCH (OLD CCC) RD	332 / 21	606
COASTAL CONCRETE SOU Registry ID: 110056422508	69 PEBBLE RD	CC333 / 21	606
COASTAL CONCRETE MYR Registry ID: 110001993745	202 YEAGER DR	CC334 / 21	607
SOUTHERN ASPHALT Registry ID: 110001993344	229 YEAGER AVE	336 / 21	607
FOWLER MOTORS INCORP Registry ID: 110002330497	2351 HWY 501	CD338 / 21	608
COASTAL CAROLINA UNI Registry ID: 110070633482	107 CITADEL DR	CG345 / 21	648
TYSON SIGN COMPANY I Registry ID: 110031367009	2487 HWY 501 E	CH347 / 21	649
CONWAY MEDICAL CENTE Registry ID: 110001666910	300 SINGLETON RIDGE	CI349 / 21	654
SUN COAST MAZDA MITS Registry ID: 110002329837	2515 HIGHWAY 501 EAS	CJ354 / 21	675
COASTAL SAND LLC/BRU Registry ID: 110035772018	DARLING LAKE RD	355 / 17	675
COASTAL REALTY & DEV Registry ID: 110010587338	395 MYRTLE GREEN DR	361 / 21	681
SANTEE COOPER MYRTLE Registry ID: 110002184430	305C GARDNER LACY RD	CL366 / 21	686
SANTEE COOPER DIVISI Registry ID: 110015927158	305 GARDENER LACY RO	CL368 / 21	689
WOLVERINE BRASS INC Registry ID: 110000740798	***2951 HWY 501 E***	***CM372 / 21***	***940***
CVS PHARMACY 7654 Registry ID: 110045562191	2996 E HWY 501	CO378 / 21	956
MYRTLE TRACE HOA	177 MYRTLE TRACE DR	379 / 21	956

EXECUTIVE SUMMARY

Registry ID: 110044960539			
JANICE CIRCLE MHP Registry ID: 110002309252	8220 TIMBER RIDGE RD	380 / 21	956
GWS - WALMART 4664 - Registry ID: 110052816985	151 MYRTLE RIDGE RD	CP381 / 21	956
WALMART SUPERCENTER Registry ID: 110038911372	151 MYRTLE RIDGE RD	CP382 / 21	957
CONBRACO INDUSTRIES Registry ID: 110000587482	125 HIGHWAY 501 EAST	CQ385 / 21	972
HADWIN WHITE PONT BU Registry ID: 110002330521	6013 HIGHWAY 501 EAS	387 / 21	1064
WALGREENS 17460 Registry ID: 110046540114	***1905 HWY 544***	***388 / 20***	***1064***
SPEEDWAY 4588 Registry ID: 110069457484	1931 HWY 544	394 / 20	1078
KROGER 0026-11 Registry ID: 110066985819	***3735 RENEE DR***	***CS397 / 21***	***1079***
PAULEY SWAMP WELL RE Registry ID: 110063023749	PEE DEE HWY AND PAUL	401 / 17	1088
ASHFORD SUBDIVISION Registry ID: 110010687667	OF US HWY 501 & PERR	402 / 21	1088
GANDER MOUNTAIN 330 Registry ID: 110064386178	***1049 GLENFOREST***	***406 / 21***	***1090***
TRUETTS AUTO COLLISI Registry ID: 110002329784	***4345 HWY 501***	***CV415 / 27***	***1101***
ADDYS HARBOR DODGE & Registry ID: 110002330576	***4340 HWY 501 W***	***416 / 28***	***1105***
APAC ATLANTIC INC MY Registry ID: 110008551806	514 RONALD MCNAIR BL	417 / 28	1109
CAVU INCORPORATED Registry ID: 110002188579	105 UPPER MILL DRIVE	418 / 26	1110
GRAND STRAND NISSAN Registry ID: 110002330512	***4070 HWY 501***	***420 / 28***	***1110***
SHARPSHOOTER IMAGING Registry ID: 110037443362	8901B BUSINESS 17	423 / 28	1129
FAMILY DOLLAR 8335 Registry ID: 110066986809	3511 BELLE TERRE BLV	424 / 28	1130
CVS PHARMACY 1140 Registry ID: 110045990200	101 FETLOCK DR	CX425 / 26	1130
SUNCO POOL CO INC Registry ID: 110038279742	116 APRIL GRAY LN	433 / 28	1151
NEXT MEDIA OUTDOOR Registry ID: 110002237231	***208 BUSH DR***	***DA436 / 28***	***1152***
GOLDEN STRAND BODY S Registry ID: 110004939826	212 BUSH DRIVE WACCA	DA437 / 28	1159
CAROLINA ASSEMBLIES	311 WESLEY ST	441 / 28	1162

Registry ID: 110002248130			
COASTAL PAPER CO INC Registry ID: 110017289236	182 SPENCER ST	442 / 28	1163
SUN GRAPHICS INC Registry ID: 110002247907	340 WESLEY ST	444 / 28	1164
EASYRIDERS OF MYRTLE Registry ID: 110002329917	4019 HWY 501	445 / 28	1164
UNITED PARCEL SERVIC Registry ID: 110013197824	***200 GEORGE BISHOP PA***	***DC458 / 28***	***1168***
WACCAMAW PAINT & BOD Registry ID: 110002193698	150 WESLEY STREET	470 / 28	1180
CLEAN AIR INC Registry ID: 110002248158	***319 BUSH DR***	***472 / 28***	***1181***
RICK SPARTKS ENTERPR Registry ID: 110002330335	3509 HIGHWAY 501 WES	474 / 28	1184
WACCAMAW CLAY PRODUC Registry ID: 110002180149	***3000 WACCAMAW BLVD***	***475 / 28***	***1184***
TARGET STORE 0963 Registry ID: 110044992924	1150 SEABOARD ST	DE481 / 29	1208
QUALITY COLLISION Registry ID: 110002193803	***905 JASON BLVD***	***482 / 28***	***1208***
SCDOT MYRTLE BEACH Registry ID: 110002329702	2779 HWY 501	DG488 / 28	1219
WINDOW WORLD Registry ID: 110069437416	131 CAUSEY STREET	491 / 28	1220
HYATT BUICK GMC Registry ID: 110013763141	922 FRONTAGE ROAD EA	DH492 / 28	1220
SAMS CLUB 6353 Registry ID: 110002247952	***1946 10TH AVE N***	***DI497 / 29***	***1232***
BEACH FORD LINCOLN M Registry ID: 110002248210	***851 JASON BLVD***	***498 / 28***	***1250***
MERCHANTS TIRE & AUT Registry ID: 110002247989	825 JASON BLVD	500 / 28	1269
MYRTLE BEACH CHRYSLE Registry ID: 110002248014	***785 JASON BLVD***	***DJ501 / 28***	***1269***
RICHBOURGS SALES & R Registry ID: 110002247934	***749 JASON BLVD***	***DJ504 / 28***	***1277***
SANTEE COOPER MB SUB Registry ID: 110004939513	1935-C 10TH AVE N	DK508 / 29	1284
CONCRETE SUPPLY CO - Registry ID: 110013669967	2231 HWY 643	510 / 28	1286
HD SUPPLY ELECTRICAL Registry ID: 110031418213	170 JACOB LANE	517 / 28	1294
PRIME EQUIPMENT #415 Registry ID: 110002193778	915 SEABOARD ST	DO518 / 29	1294
BAIDEN & ASSOCIATES	801 SEABOARD ST	DP522 / 28	1298

EXECUTIVE SUMMARY

Registry ID: 110002248103			
GENERAL TELEPHONE OF Registry ID: 110002248096	1900 10TH AVE	524 / 29	1301
ROBERT O COLLINS/SOC Registry ID: 110006840286	7600 HIGHWAY 544	528 / 26	1303
SPEEDWAY 4575 Registry ID: 110069457527	1845 MR JOE WHITE AV	DQ529 / 29	1303
SANTEE COOPER MYRTLE Registry ID: 110002247872	429 WATERSIDE DR	DR532 / 28	1307
EASTON INDUSTRIES Registry ID: 110000353974	550 PIEDMONT AVE.	537 / 28	1315
SHERWIN WILLIAMS CO Registry ID: 110054862378	1626 PLAZA PLACE	DS541 / 29	1318
GENERAL ELECTRIC CO. Registry ID: 110002193965	***1620 STOCKHOLDER STR***	***543 / 28***	***1322***
COSTCO WHOLESALE 338 Registry ID: 110016712253	1021 OAK FOREST LN	DT545 / 28	1326
NATIONAL TIRE & BATT Registry ID: 110069393098	2075 HWY 501	DU548 / 28	1339
AVX CORP SEABOARD WA Registry ID: 110038911103	1900 HWY 501 E	550 / 28	1343
FEDERAL EXPRESS CORP Registry ID: 110002193947	1600 STOCKHOLDERS AV	DV553 / 28	1347
THE HOME DEPOT 1116 Registry ID: 110018901857	951 OAK FOREST LN	DW556 / 28	1363
KENSEAL CONSTRUCTION Registry ID: 110038911112	1580 STOCKHOLDER AVE	DV557 / 28	1363
NATIVE SONS Registry ID: 110002248032	***1346 ENTERPRISE AVE***	***560 / 28***	***1365***
ASPEN DENTAL Registry ID: 110055474017	***1209 N RETAIL CT***	***561 / 28***	***1369***
COX MILLWORK & SUPPL Registry ID: 110015653041	1350 COMMERCE PLACE	563 / 28	1388
ROBERT O COLLINS/FOR Registry ID: 110006693248	7600 HWY 544	565 / 26	1389
HYATT AUTOMOTIVE GRO Registry ID: 110002330344	1953 HWY 501 WEST	566 / 28	1389
CANTY ROGERS Registry ID: 110007838457	***3000 PIEDMONT AVE BL***	***DX568 / 28***	***1390***
THE BODY SHOP Registry ID: 110002239836	***3001 PIEDMONT AVE***	***DX569 / 28***	***1394***
SINGLE SOURCE INC Registry ID: 110069512405	1306-B ENTERPRISE AV	570 / 28	1398
PORTRAIT INNOVATIONS Registry ID: 110042191794	1768 PINE ISLAND RD	571 / 28	1398
PERFORMANCE CHEVROLE	1887 HWY 501	575 / 35	1402

EXECUTIVE SUMMARY

Registry ID: 110002330399			
CAROLINA WATERWAY PL Registry ID: 110044960496	1805 N OAK ST	578 / 36	1404
FAMILY DOLLAR 10 Registry ID: 110064676471	1105 NORTH KING HWY	DZ580 / 36	1408
NATIONAL COATINGS AN Registry ID: 110064012839	***633 ROBERT GRISSOM P***	***582 / 35***	***1414***
QUALITY COLLSION Registry ID: 110014362876	***1560 HWY 501***	***584 / 35***	***1417***
AMERICAN CONCRETE PR Registry ID: 110038798236	HWY 501	EC590 / 35	1426
TRASH REMOVAL SERVIC Registry ID: 110008565445	HIGHWAY 501	EC591 / 35	1426
SOUTHERN COPYROLL Registry ID: 110062742288	1201 MR JOE WHITE AV	ED592 / 36	1426
SHERWIN WILLIAMS COM Registry ID: 110002247881	1611 N KINGS HWY	EE595 / 36	1429
AWS - KMART 3817 Registry ID: 110008545155	1403 NORTH KINGS HIG	608 / 36	1443
AMERICAN TOWER CORPO Registry ID: 110037950170	1455 CANNON ROAD	611 / 35	1446
MAACO COLLISION REPA Registry ID: 110020997750	RTE 501	EH613 / 36	1447
PAVILION WAREHOUSE N Registry ID: 110002247925	811 10TH AVE N	618 / 36	1454
FOOD LION 1202 Registry ID: 110052706540	1009 HWY 501	EJ623 / 36	1456
ADDYS HARBOR IMPORTS Registry ID: 110002330326	1251 HIGHWAY 501	EK627 / 36	1461
ARNOLD’S POOLS, INC. Registry ID: 110012285320	1390 CANNON RD	629 / 35	1462
BUTCH JONES INCORPOR Registry ID: 110007837341	HIGHWAY 501 EAST & C	EM637 / 36	1472
CAROLINA BREEZE APAR Registry ID: 110041200090	100 CEDAR STREET	647 / 36	1480
MARYLAND FRIED CHICK Registry ID: 110004937061	939 N KINGS HWY	EP650 / 36	1484
EASTON INDUSTRIES LT Registry ID: 110064115318	HWY 17 BYPAS	656 / 35	1491
WALMART SUPERCENTER Registry ID: 110002184270	625B PINE ISLAND RD	657 / 34	1491
HD SUPPLY WATERWORKS Registry ID: 110031400632	2675 HWY 17 BYPASS S	ER658 / 35	1491
FOUR SEASONS SCREEN Registry ID: 110002193956	511 9TH AVENUE N	660 / 36	1497
HUSSEY MOTORS	***702 ALDER STREET***	***661 / 36***	***1497***

EXECUTIVE SUMMARY

Registry ID: 110002193867			
HAGUE MARINA Registry ID: 110013700664	1 HAGUE DRIVE	664 / 34	1503
COASTAL CARS INC Registry ID: 110040056792	1114 3RD AVENUE SOUT	676 / 36	1515
ROYAL CLEANERS Registry ID: 110004938514	***612 BROADWAY***	***EW684 / 36***	***1521***
GRAVES ENTERPRISES I Registry ID: 110038271713	132 LEISURE LN	690 / 33	1545
UNITED BODY SHOP Registry ID: 110004940789	***315 BROADWAY***	***694 / 36***	***1550***
BOB BIBLE HONDA ISUZ Registry ID: 110002194018	1100 3RD AVE S	FA702 / 36	1560
BAUSCH LINNEMANN NOR Registry ID: 110064386150	***1175 HARRELSON BLVD***	***716 / 35***	***1576***
GROVE RECREATIONS IN Registry ID: 110007832097	HWY 544	730 / 36	1595
FAMILY DOLLAR #3972 Registry ID: 110067423032	***4226 SOCASTEE BLVD***	***735 / 34***	***1599***
CVS PHARMACY 1540 Registry ID: 110045990175	3411 SOCASTEE BLVD	FI750 / 34	1618
EXXON LOCATION 4 309 Registry ID: 110002248041	316 S KINGS HWY	FL766 / 36	1643
CVS PHARMACY 7386 Registry ID: 110045990763	512 S KING HWY	770 / 36	1646
WALGREENS 17258 Registry ID: 110046540418	5001 SOCASTEE BLVD	FN772 / 34	1653
FAMILY KINGDOM INC Registry ID: 110040507788	300 4TH AVE S	776 / 36	1658
MYRTLE BEACH FUNERAL Registry ID: 110038438063	4505 HWY 17 BYP S	779 / 34	1661
NORTHGATE CLEANERS Registry ID: 110017613956	3578 HWY 17 BYPASS S	FP780 / 34	1661
FOOD LION 289 Registry ID: 110043179155	5413 DICK POND RD	FQ783 / 34	1667
REGAL CLEANERS & LAU Registry ID: 110002330415	***5401 HWY 544***	***FR787 / 34***	***1669***
MYRTLE BEACH CLEANER Registry ID: 110004939194	801 SOUTH KING HWY	FS789 / 36	1672
MYRTLE BEACH INTERNA Registry ID: 110016753556	1100 JETPORT ROAD	FT792 / 35	1685
ALLEGIANT AIR Registry ID: 110070595544	1100 JETPORT RD TERM	FT793 / 35	1685
TSA AT MYRTLE BEACH Registry ID: 110018901205	1100 JETPORT RD	FT796 / 35	1689
ALLEGA ASPHALT PAVIN	1100 JETPORT RD	FT799 / 35	1691

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Registry ID: 110062742420			
AVX CORP/MYRTLE BEAC Registry ID: 110056954158	801 17TH AVE S	FU804 / 35	1693
SPEEDWAY 2840 Registry ID: 110012223539	900 S KINGS HWY	FV808 / 36	1760
FAMILY DOLLAR 3972 Registry ID: 110066985739	5029 DICK POND RD	823 / 34	1773
HD BUILDER SOLUTIONS Registry ID: 110031286445	165 CO OP RD	824 / 34	1773
THOMPKINS MHP Registry ID: 110002174227	6308 ENTERPRISE RD	826 / 33	1776
PALMETTO GLEN HOA Registry ID: 110044960575	274 TIBTON CIR	833 / 34	1779
SCARNG MYRTLE BEACH Registry ID: 110002193723	501 19TH AVE S	GA836 / 35	1780
WALMART NEIGHBORHOOD Registry ID: 110070122778	1705 S KINGS HWY	GB842 / 35	1789
SPEEDWAY 4591 Registry ID: 110069512174	6222 HWY 707	GD847 / 34	1799
SUMMERS CONCRETE CON Registry ID: 110070560715	RADAR RD MYRTLE BEAC	857 / 35	1805
PRESCOTT SUPPORT Registry ID: 110041679948	1154 AIRDROME AVE HA	GF861 / 35	1810
USAF MYRTLE BEACH AF Registry ID: 110000618877	***HWY 17***	***GH867 / 35***	***1882***
MYRTLE BEACH POLICE Registry ID: 110012192171	***3340 MUSTANG ST***	***GH871 / 35***	***1906***
FLIGHT INTERNATIONAL Registry ID: 110004942652	3301 MUSTANG ST	GJ872 / 35	1909
AVCRAFT SUPPORT SERV Registry ID: 110031339521	3301 MUSTANG SERVICE	GJ874 / 35	1920
SRM MYRTLE BEACH PLA Registry ID: 110002180167 Registry ID: 110056424891	2511 BIG BLOCK ROAD	GM886 / 34	1930
ADAMS PRODUCTS - MYR Registry ID: 110015783222	2517 BIG BLOCK RD	GM887 / 34	1931
TARGET STORE 2742 Registry ID: 110045991272	140 SAYEBROOK PKWY	GO894 / 40	1943
FOOD LION 427 Registry ID: 110017077811	3890 SOUTH KINGS HWY	895 / 41	1944
GSW&SA/BUCKSPORT WWT Registry ID: 110070570452 Registry ID: 110009793385	8052 TREATMENT RD	900 / 38	1947
RITE AID #11632 Registry ID: 110046540061	2701 DICK POND ROAD	904 / 40	1950
MYRTLE BEACH HARLEY Registry ID: 110002236303	***4710 S KINGS HWY***	***906 / 41***	***1950***
SPEEDWAY 4586	2355 DICK POND RD	GQ907 / 40	1953

EXECUTIVE SUMMARY

Registry ID: 110069512325			
WALMART SUPERCENTER Registry ID: 110002193705	***2751 BEAVER RUN BLVD***	***GR910 / 40***	***1956***
LOWES OF S MYRTLE BE Registry ID: 110070491129	8672 HWY 17 BYPASS	GT915 / 40	1986
GSW&SA/SCHWARTZ, MYR Registry ID: 110039825543	FREEWOODS RD 1700 FT	919 / 39	1988
GRAND STRAND WATER A Registry ID: 110005974678	6298 SCHWARTZ PLANT	922 / 39	1991
OCEAN LAKES LIMITED Registry ID: 110017395834	1710 HIGHWAY 544	927 / 40	1994
LAKEWOOD CAMPING RES Registry ID: 110002235527	5901 SOUTH KINGS HIG	930 / 41	1996
WALMART NEIGHBORHOOD Registry ID: 110059672581	***125 MARYPORT DR***	***935 / 40***	***1999***
OCEAN LAKES FAMILY C Registry ID: 110044960502	6001 S KINGS HWY	GW937 / 40	2009
SPEEDWAY 4577 Registry ID: 110069457518	3288 HOLMESTOWN RD	GZ948 / 40	2017
DEERFIELD PLAZA CLEA Registry ID: 110002466153	1784 HWY 17 N	HA950 / 40	2018
OCEAN LAKES CONSTRUC Registry ID: 110004939880	11-M DICK POND ROAD	952 / 40	2019
BENTON READY MIX INC Registry ID: 110066937186	2835 HOLMESTOWN RD	HB956 / 40	2024
CONCRETE DESIGNS Registry ID: 110040833934	2835 HOLMESTOWN RD	HB957 / 40	2025
ISLAND SCREENWORKS I Registry ID: 110002330479	***10607 HWY 707***	***966 / 39***	***2030***
THE LAKES HOA Registry ID: 110044960511	200 WATEREE RIVER RD	967 / 39	2034
ATLANTIC CLEANERS IN Registry ID: 110002199807	***510 E HWY 17 BUS***	***HF968 / 40***	***2034***
AAA TRANSMISSION INC Registry ID: 110002189113	811 2ND AVE N	HI976 / 40	2050
RITE AID #11631 Registry ID: 110046540070	118 US HIGHWAY 17 NO	HJ977 / 40	2050
FAMILY DOLLAR 287 Registry ID: 110064676961	114 HWY 17 N	HJ978 / 40	2050
SCDOT Registry ID: 110070122781	US 17 AT US 17 BUSIN	984 / 40	2062
SURFSIDE CLEANERS Registry ID: 110006434769	***822 SURFSIDE DR***	***HK987 / 40***	***2063***
CVS PHARMACY 5515 Registry ID: 110045990479	601 HWY 17 S	HL995 / 40	2083
BEACH AUTO BODY INCO	605 HWY 17 S	HM1001 / 40	2095

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Registry ID: 110002330558			
OWENS MOTOR CO Registry ID: 110002330371	635 HWY 17 S	HN1004 / 40	2103
PAINT & BODY BY RON Registry ID: 110002330380	1401 HWY 17S	1013 / 44	2109
R H MOORE COMPANY IN Registry ID: 110017168429	10601 HIGHWAY 707	1022 / 43	2118
AMERI KOOL INC Registry ID: 110002248265	11690 HWY 17 BYPASS	1029 / 43	2121
PLANTATION SHUTTER C Registry ID: 110002193769	***11750 HWY 17 BYPASS***	***1033 / 43***	***2123***
KMART 3763 Registry ID: 110038856128	10125 HWY 17 BYPASS	HS1035 / 43	2133
WALMART SUPERCENTER Registry ID: 110044992611	545 GARDEN CITY CONN	HT1038 / 44	2146
CREMATION SERVICES O Registry ID: 110001675376	576 CYPRESS AVE	1042 / 44	2148
DYNAMIC GLASSING Registry ID: 110002193910	***601 BOUNDRY RD.***	***1045 / 44***	***2151***
CVS PHARMACY 8936 Registry ID: 110045562164	101 FOUNDERS BAY RD	HV1049 / 43	2166
WAL-MART NEIGHBORHOO Registry ID: 110067423112	***11980 HIGHWAY 17 BYP***	***HW1053 / 43***	***2171***
INLET SQUARE BODY SH Registry ID: 110007837573	840 INLET SQUARE DR	HY1058 / 43	2184
MURRELLS INLET DRUM Registry ID: 110007904429	804 INLET SQUARE DR	HZ1061 / 43	2190
RITE AID #11633 Registry ID: 110046540052	788 INLET SQUARE DRI	1064 / 43	2192
THE HOME DEPOT 1122 Registry ID: 110018902071	12262 HWY 17 BYPASS	IA1066 / 43	2209
MERCHANTS TIRE DBA N Registry ID: 110044831670	***3419 HWY 17 S***	***1069 / 43***	***2210***
S&W MURRELLS INLET Registry ID: 110055129551	12414 HWY 707	1071 / 43	2216
CREMATION SERVICES O Registry ID: 110062713648	3558A OLD KINGS HWY	1074 / 43	2218
CVS PHARMACY 2736 Registry ID: 110045990022	3710 HWY 17 BYPASS	IC1077 / 43	2227
MURRELLS INLET WASTE Registry ID: 110000545615	1441 POND ROAD	1079 / 43	2229
WACHESAW PLANTATION Registry ID: 110044960548	1623 POND RD	1080 / 43	2230
GEORGETOWN HOSPITAL Registry ID: 110070122791	4070 HWY 17 BYPASS 1	ID1083 / 43	2231
MYRTLE BEACH REHABIL	4070 HWY 17 BYPASS S	ID1084 / 43	2231

Registry ID: 110070491028			
WACCAMAW COMMUNITY H Registry ID: 110013327122	4070 HIGHWAY 17SOUTH	ID1085 / 43	2231
WACCAMAW MEDICAL CEN Registry ID: 110002251438	4033 HWY 17 BYPASS	ID1086 / 43	2232
SPEEDWAY 4592 Registry ID: 110069457466	4326 HIGHWAY 17	IE1090 / 46	2235
B M & P SANDPIT Registry ID: 110020149775	TURNTABLE RD	1103 / 45	2252
CWS WHITES CREEK-LIN Registry ID: 110009704775	PEE DEE RD	1104 / 46	2252

COAL ASH: Coal Ash Disposal Sites

A review of the COAL ASH list, as provided by EDR, and dated 03/20/2018 has revealed that there is 1 COAL ASH site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
SCPSA - DOLPHUS M GR NPDES: SC0001104	HWY 501 BYPASS	231 / 14	432

DRYCLEANERS: Drycleaner Database

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/08/2018 has revealed that there are 13 DRYCLEANERS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
SALLEY CLEANERS BLWM Number: 56046	***1510 N MAIN ST***	***N58 / 9***	***230***
FMR CONWAY CLEANERS BLWM Number: 66267	***307 BEATY ST***	***AQ169 / 14***	***372***
CONWAY CLEANERS BLWM Number: 52725	***1510 3RD AVE***	***AZ203 / 14***	***394***
COASTAL CLEANERS BLWM Number: 58266	217 LABONTE STREET	299 / 15	536
COASTAL CLEANERS BLWM Number: 57316	***156 GARDNER LACY RD***	***CN374 / 21***	***942***
FMR ROYAL CLEANERS BLWM Number: 56253	725 BROADWAY	EW682 / 36	1520
ROYAL CLEANERS BLWM Number: 51800	***612 BROADWAY***	***EW684 / 36***	***1521***
NORTHGATE CLEANERS F BLWM Number: 53111	***3578 NORTHGATE BLVD***	***FJ760 / 34***	***1638***
REGAL CLEANERS BLWM Number: 56048	5401 DICK POND ROAD	FQ784 / 34	1667
FMR DRYCLEAN USA COA	801 SOUTH KINGS HWY	FS801 / 36	1692

EXECUTIVE SUMMARY

BLWM Number: 52468			
TECHNO CLEANERS BLWM Number: 57163	***5023 DICK POND RD UN***	***FZ831 / 34***	***1779***
SURFSIDE CLEANERS IN BLWM Number: 51436	822 SURFSIDE DR	HK989 / 40	2072
ATLANTIC COAST CLEAN BLWM Number: 57160	2138 HWY 17	HQ1027 / 44	2121

GWCI: Groundwater Contamination Inventory

A review of the GWCI list, as provided by EDR, and dated 07/01/2008 has revealed that there are 124 GWCI sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
501 MINI MART LLC Solid Waste Permit #: 10309	***4245 HWY 501 W***	***8 / 7***	***144***
JAYATRI INC Solid Waste Permit #: 12753	***4010 HWY 501 W***	***B12 / 8***	***149***
ESTATE OF MARY E HOL Solid Waste Permit #: 18782	***4055 HWY 501 W***	***15 / 8***	***153***
SCOTCHMAN 3058 Solid Waste Permit #: 05138	***3410 HWY 501 W***	***C18 / 8***	***155***
LILLIANS Solid Waste Permit #: 05145	***2000 N MAIN ST***	***38 / 9***	***199***
VIDEO WORLD Solid Waste Permit #: 09664	***1900 MAIN ST***	***J42 / 9***	***208***
ELVIS GENERAL REPAIR Solid Waste Permit #: 04946	1801 N MAIN ST	J44 / 9	211
G&T DISCOUNT CENTER Solid Waste Permit #: 13054	***1801 PARKVIEW RD***	***K47 / 9***	***214***
B&M TIRE SERVICE Solid Waste Permit #: 16134	***1704 MAIN ST***	***51 / 9***	***218***
CONWAY DRIVE THRU Solid Waste Permit #: 11005	***1723 CHURCH ST***	***M52 / 8***	***220***
SC651 Solid Waste Permit #: 05180	***1600 MAIN ST***	***N53 / 9***	***223***
SERVICE AMERICA Solid Waste Permit #: 17274	***1507 COLLINS DR***	***57 / 9***	***228***
TIGER MART 3 Solid Waste Permit #: 05110	***1626 CHURCH ST***	***R72 / 9***	***241***
CIRCLE K 2723228 Solid Waste Permit #: 05231	***1600 CHURCH ST***	***S79 / 9***	***247***
MAIN ST SHELL Solid Waste Permit #: 05027	1100 E MAIN ST	T82 / 14	250
PARKERS AUTO & TRUCK Solid Waste Permit #: 18618	***2257 HWY 378***	***90 / 13***	***258***
501 BP	***1006 CHURCH ST***	***Y100 / 14***	***272***

EXECUTIVE SUMMARY

Solid Waste Permit #: 05175			
GATEWAY HOMES Solid Waste Permit #: 15062	***2990 HWY 378 W***	***103 / 13***	***275***
BARKERS 76 Solid Waste Permit #: 05160	600 MAIN ST	AB110 / 14	284
QUICKMART Solid Waste Permit #: 05165	***1813 WRIGHT BLVD***	***AD117 / 13***	***291***
FOOD CHIEF 20 Solid Waste Permit #: 05233	***707 CHURCH ST @ 9TH***	***AE125 / 14***	***306***
T J PARTY SHOP Solid Waste Permit #: 13781	***935 WRIGHTS BLVD***	***AG131 / 13***	***311***
SUNHOUSE PETROLEUM 2 Solid Waste Permit #: 14850	***3372 HWY 378***	***AH133 / 12***	***314***
RIVERTOWN AMOCO Solid Waste Permit #: 05192	***1101 4TH AVE***	***AJ145 / 14***	***340***
SAV WAY 21 Solid Waste Permit #: 05190	604 HWY 501	AK150 / 14	348
TIRE SUPER MARKET Solid Waste Permit #: 18994	***312 ELM ST***	***AJ153 / 14***	***351***
MONEY SAVER FOOD MAR Solid Waste Permit #: 04958	***4062 HWY 378***	***154 / 12***	***354***
B&B SUPERETTE Solid Waste Permit #: 05220	800 WRIGHT BLVD	AN161 / 14	363
CHEF SKIS DELI Solid Waste Permit #: 18177	***300 ELM ST***	***AO165 / 14***	***366***
EASY PICK UP 1 Solid Waste Permit #: 05177	***1314 4TH AVE***	***AP166 / 14***	***368***
DERWOODS Solid Waste Permit #: 05143	HWY 378 & 501	AT185 / 14	382
SUNSHINE CONVENIENCE Solid Waste Permit #: 10932	1600 4TH AVE	AW193 / 14	386
LEES DISCOUNT CENTER Solid Waste Permit #: 05213	***1501 3RD AVE***	***BB208 / 14***	***407***
FORMER CONWAY MAINTE Solid Waste Permit #: 05076	301 SMITH ST	BC210 / 14	410
RAYS STATION Solid Waste Permit #: 05186	***2900 FOURTH AVE S***	***BF227 / 13***	***428***
SCOTCHMAN 31 Solid Waste Permit #: 04949	***850 HWY 501 BYPASS***	***232 / 14***	***432***
CORNER STOP 106 Solid Waste Permit #: 05154	***401 JANETTE ST***	***BG233 / 13***	***434***
SCPSA - SANTEE COOPE Solid Waste Permit #: 15023	***1605 MARINA DR***	***BJ248 / 14***	***456***
SEABOARD PETROLEUM Solid Waste Permit #: 10682	1221 HWY 501 BUS	252 / 14	460
FOOD SHOP MARATHON	***1300 HWY 501 BUSINES***	***BM263 / 14***	***498***

EXECUTIVE SUMMARY

Solid Waste Permit #: 10327			
BUCKWOOD SHELL	***1108 HWY 501***	***BO272 / 14***	***507***
Solid Waste Permit #: 12362			
RED HILL STATION	***1364 HWY 501 E***	***BT287 / 14***	***524***
Solid Waste Permit #: 04896			
FORMER TWILIGHT STAT	1390 HWY 501 E BYPAS	BT291 / 14	530
Solid Waste Permit #: 04974			
PYA MONARCH INC	***HWY 501 E***	***295 / 15***	***533***
Solid Waste Permit #: 05030			
SCOTCHMAN 3118	***510 HWY 544***	***301 / 14***	***538***
Solid Waste Permit #: 05161			
CIRCLE K 2723225	***669 HWY 544***	***BW305 / 14***	***547***
Solid Waste Permit #: 05229			
JIFFY SHOP	***695 HWY SC 544***	***307 / 14***	***552***
Solid Waste Permit #: 04988			
FOWLER MOTORS INC	2351 HWY 501	CD337 / 21	607
Solid Waste Permit #: 05045			
HADWIN WHITE PONTIAC	***2325 HWY 501 E***	***CE341 / 21***	***639***
Solid Waste Permit #: 05196			
SCOTCHMAN 3133	***2354 HWY 501 E***	***CF343 / 21***	***642***
Solid Waste Permit #: 10288			
WOLVERINE BRASS INC	***2951 HWY 501 E***	***CM371 / 21***	***691***
SCOTCHMAN 3029	***3047 HWY 501 E***	***376 / 21***	***943***
Solid Waste Permit #: 04950			
CIRCLE K 2723064	3710 WACCAMAW BLVD	CY428 / 28	1146
Solid Waste Permit #: 05104			
SUNHOUSE PETROLEUM #	***102 GEORGE BISHOP PK***	***DB440 / 28***	***1160***
Solid Waste Permit #: 05169			
TIGER MART 14	1960 10TH AVE N	DF485 / 29	1213
Solid Waste Permit #: 05170			
MYRTLE BEACH SECTION	***2779 HWY 501***	***DG487 / 28***	***1216***
Solid Waste Permit #: 05079			
PANTRY 3221 DBA KANG	1929 10TH AVE N	DN513 / 29	1291
Solid Waste Permit #: 09957			
RENTAL SERVICE CORP	***915 SEABOARD ST***	***DO519 / 29***	***1294***
Solid Waste Permit #: 05012			
CHAVIS VAN & STORAGE	***800/802 SEABOARD ST***	***523 / 28***	***1299***
Solid Waste Permit #: 05172			
BADGER R BAZEN CO IN	***1519 EXECUTIVE BLVD***	***574 / 29***	***1400***
Solid Waste Permit #: 13249			
CASH & DASH	***7010 HWY 544 NEAR SO***	***EB589 / 33***	***1422***
Solid Waste Permit #: 12901			
FOOD DEPOT	***1101 TENTH AVE N***	***594 / 36***	***1427***
Solid Waste Permit #: 12540			
501 AMOCO	***1432 HWY 501***	***EF597 / 36***	***1430***
Solid Waste Permit #: 05156			
PANTRY 3226 DBA FOOD	***1455 HWY 501***	***EF602 / 36***	***1437***

EXECUTIVE SUMMARY

Solid Waste Permit #: 05232			
501 SHELL Solid Waste Permit #: 05026	HWY 501 & 3RD AVE	EF605 / 36	1441
BETTER BRANDS INC Solid Waste Permit #: 05031	***908 JACKSON ST***	***614 / 36***	***1448***
MISS KITTYS INC Solid Waste Permit #: 15532	***1379 THIRD AVE S***	***EI616 / 36***	***1450***
DARGAN CONSTRUCTION Solid Waste Permit #: 14425	***900 8TH AVE N***	***632 / 36***	***1464***
CHAPIN SERVICE STATI Solid Waste Permit #: 05137	***901 OAK ST***	***649 / 36***	***1480***
PAMS CORNER INC Solid Waste Permit #: 05158	***934 HWY 501***	***EQ652 / 36***	***1487***
SAILING AND SKI CONN Solid Waste Permit #: 15213	***515 HWY 501***	***EV674 / 36***	***1512***
CHRIS YAHNIS COASTAL Solid Waste Permit #: 10982	***851 BROADWAY***	***677 / 36***	***1515***
501 ENTRY PARK Solid Waste Permit #: 05098	717 E BROADWAY	EU679 / 36	1519
PEE DEE CONV Solid Waste Permit #: 10344	6409 FORESTBROOK DR	EX689 / 34	1544
CIRCLE K 2723063 Solid Waste Permit #: 10145	6356 OLD HWY 544	EX691 / 34	1545
SCOTCHMAN 64 Solid Waste Permit #: 05140	1001 3RD AVE S & BOA	EY695 / 36	1553
BOB BIBLE HONDA/BMW Solid Waste Permit #: 05219	***1100 3RD AVE S***	***FA701 / 36***	***1558***
COASTAL SAVERS Solid Waste Permit #: 12399	***900 HWY 15***	***719 / 35***	***1587***
SCOTCHMAN 3060 Solid Waste Permit #: 04961	***1202 PORT DR***	***FG732 / 35***	***1595***
BRANTS LANDING Solid Waste Permit #: 04962	5835 DOCK POND RD	739 / 34	1604
SOCASTEE SEAFOOD SHA Solid Waste Permit #: 18533	***4000 HWY 707***	***741 / 34***	***1606***
W G TURBEVILLE GROCE Solid Waste Permit #: 15803	SC HWY 707	742 / 34	1608
GALAXY VIDEO Solid Waste Permit #: 18594	***3624 SOCASTEE BLVD***	***743 / 34***	***1609***
KNH FOOD MART Solid Waste Permit #: 14202	***3940 SOCASTEE BLVD***	***744 / 34***	***1611***
SCOTCHMAN 253 Solid Waste Permit #: 05142	301 3RD AVE S	FL759 / 36	1637
PANTRY 3060 DBA QUIC Solid Waste Permit #: 10148	4570 SOCASTEE BLVD	FM762 / 34	1640
CYPRESS PARK MART	***HWY 544***	***768 / 34***	***1644***

Solid Waste Permit #: 05234			
SUNHOUSE 24	***5010 SOCASTEE BLVD***	***FO775 / 34***	***1656***
Solid Waste Permit #: 12649			
BRAVE VILLAGE SHOPPI	***5429 DICK POND RD***	***777 / 34***	***1658***
Solid Waste Permit #: 16899			
AVX CORPORATION MYRT	***17TH AVENUE, SOUTH***	***FU803 / 35***	***1692***
PORT UNIT 205	***1101 S KINGS HWY***	***FW815 / 36***	***1764***
Solid Waste Permit #: 05185			
PANTRY 3065	1350 S KINGS HWY	FY822 / 35	1772
Solid Waste Permit #: 05114			
CARRIS R CRIBB SITE	***8911 HWY 701 S***	***825 / 31***	***1773***
Solid Waste Permit #: 16574			
SCOTCHMAN 3106	***1700 S KINGS HWY***	***GB838 / 35***	***1783***
Solid Waste Permit #: 05163			
CIRCLE K 8112	***1611 S KINGS HWY***	***GC841 / 35***	***1787***
Solid Waste Permit #: 05183			
MYRTLE CINEMA 10 PRO	***1804 S KINGS HWY***	***850 / 35***	***1800***
Solid Waste Permit #: 18410			
USAF AFRPA MYRTLE BE	***1048 AERODROME BLVD***	***GH866 / 35***	***1813***
MYRTLE BEACH GRAND P	***3201 HWY 17 S***	***881 / 35***	***1923***
Solid Waste Permit #: 14131			
JERRY COX CO	3211 S KINGS HWY HWY	GL883 / 35	1927
Solid Waste Permit #: 05119			
CIRCLE K 2723059	***5600 S HWY 17***	***921 / 41***	***1988***
Solid Waste Permit #: 05124			
TEE OFF DELI OF MYRT	***8980 HWY 707***	***923 / 39***	***1991***
Solid Waste Permit #: 10554			
OCEAN LAKES SERVICE	6001 S KINGS HWY	GW938 / 40	2009
Solid Waste Permit #: 05144			
CIRCLE K 2708109	2016 N HWY 17	GY943 / 40	2011
Solid Waste Permit #: 05182			
PIT STOP CAR WASHES	600 HWY 17 S	953 / 40	2019
Solid Waste Permit #: 05117			
SCOTCHMAN 3052	***1611 HWY 17N***	***955 / 40***	***2021***
Solid Waste Permit #: 05147			
CIRCLE K 2723482	***501 HWY 17 N***	***HG970 / 40***	***2037***
Solid Waste Permit #: 05240			
PANTRY 465	***999 HWY 17 S***	***HH972 / 40***	***2040***
Solid Waste Permit #: 05209			
PATEL BROTHERS INC D	***215 HWY 17 N***	***HH974 / 40***	***2043***
Solid Waste Permit #: 05096			
SURFSIDE BEACH TOWN	***115 US HWY 17 N***	***HJ980 / 40***	***2054***
Solid Waste Permit #: 14237			
CIRCLE K 2723418	***11 HWY 17 N***	***HJ983 / 40***	***2059***
Solid Waste Permit #: 05042			
SUNSPOT CONVENIENCE	***411 HWY 17 S***	***996 / 40***	***2084***
Solid Waste Permit #: 05205			
SCOTCHMAN 137	600 N KINGS HWY	HM997 / 40	2086

Solid Waste Permit #: 11823			
PANTRY 3062 DBA KANG Solid Waste Permit #: 05122	1611 HWY 17 S @ MELO	HP1017 / 44	2115
GARDEN CITY 66 Solid Waste Permit #: 04987	***RT 2 PO BOX 570***	***1043 / 44***	***2148***
ROSE FAMILY PROPERTI Solid Waste Permit #: 10758	***940 INLET SQUARE DR***	***1051 / 43***	***2167***
S STRAND CUSTOMER SE Solid Waste Permit #: 10811	***900 INLET SQUARE DR***	***1054 / 43***	***2177***
VILLAGE HARDWARE Solid Waste Permit #: 14367	***3008 HWY 17 S***	***HX1056 / 43***	***2182***
SCOTCHMAN 3124 Solid Waste Permit #: 10101	***3020 HWY 17 S***	***HX1060 / 43***	***2187***
INLET CONVENIENCE MA Solid Waste Permit #: 03739	***3610 HWY 17 BUSINESS***	***1078 / 43***	***2227***
CAPTAIN DICKS MARINA Solid Waste Permit #: 14457	***4123 US 17 BUSINESS***	***1089 / 46***	***2233***
SPEEDWAY 4592 Solid Waste Permit #: 17901	***4326A HWY 17 S***	***IE1093 / 46***	***2239***
GASOLINE ALLEY Solid Waste Permit #: 03740	4584 HWY 17	IF1097 / 46	2246
INLET CONVENIENCE & Solid Waste Permit #: 15780	***4463 HWY 17 BUSINESS***	***1099 / 46***	***2248***
CIRCLE K 2723229 Solid Waste Permit #: 03713	***3741 HWY 17 BYPASS***	***IH1107 / 46***	***2255***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 181 EDR Hist Auto sites within the requested target property.

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MARVINS COUNTRY KITC	4580 HIGHWAY 501 W	A4 / 3	142
LARRYS TRANSMISSION	1066 D ST	9 / 7	148
JRS MINIMART	125 WILLARD RD	10 / 8	148
JRS MINIMART INC	4010 HWY 501	B11 / 8	149
JRS MINIMART INC	4010 HIGHWAY 501 W	B13 / 8	152
SCOTCHMAN	3410 W HIGHWAY 501	C17 / 8	155
SCOTCHMAN	3410 HIGHWAY 501 W	C19 / 8	158
FLEET PRFMCE TRANSMI	2897 HIGHWAY 501 W	D20 / 8	158
HUGO CITGO INC	2776 CHURCH ST	E24 / 8	164
MURPHY OIL USA INC	2735 CHURCH ST	F29 / 8	169
G & T DISCOUNT CENTE	1801 PARK VIEW RD	K46 / 9	213
SMITH RAYMOND E	1708 N MAIN ST	48 / 9	217
FAST FARE INC	1600 MAIN ST	N54 / 9	225

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ANDERSON & TODD GARA	1500 MAIN ST	P65 / 9	234
SMITH ROGERS OIL CO	1626 CHURCH ST	R73 / 9	244
PANTRY INC	1600 CHURCH ST	S80 / 9	249
MAIN STREET SHELL ST	1100 MAIN ST	T83 / 14	251
MIDLAND SERVICE INC	1112 MAIN ST	T86 / 14	256
BUCKWOOD SERVICE CEN	1109 CHURCH ST	Y101 / 14	274
CREEL G J & SONS INC	1006 CHURCH ST	Z104 / 14	278
BULK SHELL	2005 HIGHWAY 378	AA106 / 13	279
BUCKWOOD SHELL	1108 CHURCH ST 501	Z109 / 14	284
BARKER BILL	600 MAIN ST	AB113 / 14	288
TIGER MART 19	1812 WRIGHT BLVD	AC114 / 13	288
WORSLEY COMPANIES IN	1813 WRIGHT BLVD	AD118 / 13	293
CONWAY AMERICAN SERV	1608 9TH AVE	120 / 14	294
SURE WAY GROCERY	418 HWY 905	122 / 14	295
WRIGHTS GROCERY	935 WRIGHTS BLVD	AG130 / 13	311
G & B DISCOUNT CORNE	3372 HIGHWAY 378	AH132 / 12	313
WRIGHTS GROCERY	935 HWY 378	AG140 / 13	323
COX JERRY COMPANY IN	316 MAIN STREET	141 / 14	323
WRIGHTS GROCERY	1804 MAGNOLIA ST	142 / 13	323
BARKERS SERVICE CENT	4TH AVE & LAUREL ST	AI143 / 14	323
HARDWICKS SERVICE ST	1101 4TH AVE	AJ147 / 14	343
CAUSEY & LONG	601 CHURCH ST	AM158 / 14	360
B & B SUPERETTE	800 HIGHWAY 378	AN160 / 14	363
KINGSTON SALES CORPO	1314 4TH AVE	AP167 / 14	371
ALL OUT ENGINES AND	210 ELM ST	173 / 14	376
HENDRICKS BROS AUTO	1306 THIRD AVE	AS175 / 14	376
LEWIS EXXON	1301 THIRD AV	AS178 / 14	378
TODD BROTHERS SERVIC	1401 4TH AVE	179 / 14	379
WATSON JOSEPH W	1318 THIRD AVE	180 / 14	379
LEWIS D DERWOOD	1305 THIRD AVE	AS181 / 14	379
MARTINS PURE OIL SER	420 HWY 378	AU183 / 14	381
LEWIS AMOCO	420 CHURCH ST	AU184 / 14	382
LIVE OAK TEXACO STAT	601 HWY 501 WEST	AU187 / 14	383
HUCKS JOHN F A	HWY 501 & 378	AU188 / 14	383
LEWIS CITGO	420 WRIGHT BLVD	189 / 14	384
CAPPS WRECKER SERVIC	1600 4TH AVE	AW195 / 14	388
HUNTER AUTO SALES IN	1418 THIRD AVE	AX198 / 14	391
SPORTSMANS CORNER	1528 4TH AVE	AY202 / 14	394
LEES DISCOUNT TIRE C	1501 3RD AVE	BB207 / 14	406
JAMESTOWN GROCERY	2705 FOURTH ST	BE223 / 13	425
MARLOWE DEREK C	2703 4TH AVE	BE226 / 13	427
SPEEDWAY SUPERAMERIC	2900 4TH AVE	BF228 / 13	431
CORNER STOP	401 JANETTE ST	BG234 / 13	440
TODDS 76 OR TODD HAR	309 JORDAN CIR	236 / 13	441
TODD EVAN JR	3309 WALL LN	255 / 13	491
AMOCO UNOCAL SEABOAR	532 AMBER LN	256 / 14	492
H R CORPORATION OF B	766 HIGHWAY 501 E	257 / 14	492
3S CORPORATION	1300 HWY 501 BUSINES	BM265 / 14	501
H R CORPORATION OF B	1019 HIGHWAY 501 E	BO271 / 14	506
501 PIT STOP	1209 HIGHWAY 501 E	BP277 / 14	512
FOOD CHIEF 35	1600 HIGHWAY 501 E	294 / 14	533
EAGLE TRANSMISSIONS	473 HIGHWAY 544 UNIT	296 / 14	536
PANTRY INC	669 HIGHWAY 544	BW306 / 14	551
BONKLAN GLEN	202 YEAGER AVE	CC335 / 21	607

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76 AVE ASSOC	2330 HIGHWAY 501 E	CF342 / 21	641
SUN MART LLC	920 JACKSON BLUFF RD	370 / 20	691
STAMEY JERRY	4823 PEE DEE HWY	CR390 / 17	1074
PANTRY INC	4408 HIGHWAY 501	CU411 / 27	1097
CAR TUNE OF MYRTLE B	4361 HWY 501	CV413 / 27	1099
FORESTBROOK GROCERY	700 FORESTBROOK RD	430 / 28	1148
SOCASTEE MINI MART	8545 HIGHWAY 544	CZ431 / 26	1148
BP VENTURES LLC	617 WATERWAY VILLAGE	434 / 28	1151
SUN MART LLC	102 GEORGE BISHOP PK	DB439 / 28	1159
FORESTBROOK GROCERY	1272 FORESTBROOK RD	DD468 / 27	1178
VILLAGE CREEK MOBILE	800 BURCALE RD	471 / 28	1180
ADAMS GULF SERVICE S	131 BROOKGATE DR	476 / 27	1187
HESS CORPORATION	1960 10TH AVE N	DF484 / 29	1213
PANTRY INC	1929 10TH AVE N	DN514 / 29	1292
BRUCES AUTO REPR TRA	725 SEABOARD ST	DP521 / 28	1298
HONDA DOCTOR	601 SEABOARD ST STE	527 / 28	1302
TADS TRANSMISSION	485 PIEDMONT DR	535 / 28	1314
CIRCLE K STORES INC	2016 HIGHWAY 17 BYP	536 / 28	1315
TIMMYS AUTOMOTIVE SA	600 SEABOARD ST	538 / 28	1315
F & G INC	2101 N KINGS HWY	DY576 / 36	1403
PANTRY INC	1695 HIGHWAY 501	EA586 / 35	1421
M & J OVERTON INC	7010 HIGHWAY 544	EB588 / 33	1422
WESS PHILLIP 66	1432 HW 501	EF598 / 36	1432
ADAMS GULF SERVICE S	1601 N KINGS HWY	EE601 / 36	1436
J W S ENTERPRISES	1350 HIGHWAY 501	EG603 / 36	1440
CIRCLE K CONVENIENCE	404 16TH AVE N	607 / 36	1443
ROPADEN ENTERPRISES	1297 HIGHWAY 501	EH615 / 36	1450
LONG JAMES C	HWY 501 & 3RD AVE	EJ625 / 36	1459
PANTRY INC	1217 3RD AVE S	628 / 36	1462
MARTIN ARCHIE L	913 8TH AVE NORTH HW	630 / 36	1462
CIRCLE K STORES INC	1100 N KINGS HWY	EL633 / 36	1466
CHAPIN CO	904 OAK	638 / 36	1472
CIRCLE K STORES INC	1101 N KINGS HWY	EL640 / 36	1476
PAMS AMOCO	934 HWY 501	EQ653 / 36	1489
OASIS FUEL & BEVERAG	727 OAK ST	654 / 34	1489
SWAMP FOR MOOSE LEGI	521 HOLLY DR	662 / 35	1503
NASH OIL CO INC	728 BROADWAY ST	ES669 / 36	1507
BRATCHER GROUP THE	717 BROADWAY ST	EU671 / 36	1511
OASIS FUEL & BEVERAG	727 N OAK ST	ES672 / 36	1511
ED RICKS 501 AMERICA	515 HWY 501	EV675 / 36	1515
BRATCHER GROUP THE	717 BROADWAY	EU678 / 36	1518
GRAHAMS ESSO SERVICE	702 BROADWAY ST	EU683 / 36	1520
PANTRY INC	6326 DICK POND RD	EZ698 / 34	1557
ENGINE SHOP GARAGE	903 TODD ST	700 / 36	1558
PARTY TIME FOODS	217 W BROADWAY	704 / 36	1568
BUCKSPORT GROCERY	8150 HIGHWAY 701 S	705 / 32	1568
EDS SUNOCO SERVICE	600 N KINGS HWY	FB708 / 36	1570
PANTRY INC	1009 3RD AVE S	FC711 / 36	1573
A-1 TRANSMISSION	307 HIGHWAY 15	712 / 36	1573
TOWN & COUNTRY GROCE	1 PARK DRIVE	FD717 / 35	1586
SURFSIDE EXXON	501 N KINGS HWY	720 / 36	1590
DISCOUNT TIRE CENTER	1002 3RD AVE S	FF722 / 36	1591
3RD AVENUE AUTO SALE	1000 3RD AVE S	FF724 / 36	1592
CIRCLE K STORES INC	2903 HIGHWAY 17 BYP	727 / 35	1593
CENAMA INC	1202 PORT DR	FG731 / 35	1595
MYRTLE BEACH TEXACO	101 N KINGS HWY	FH733 / 36	1598

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CIRCLE K CORPORATION	110 N KINGS HWY	FH734 / 36	1598
SIXTY MINIT MART INC	102 N KINGS HWY	FH736 / 36	1602
MINIT MART OF MYRTLE	100 N KINGS HWY	FH737 / 36	1602
GAS WORLD SELF SERVI	501 2ND AVE S	745 / 36	1614
PANTRY INC	3400 SOCASTEE BLVD	FI747 / 34	1616
H H J INC	3500 NORTHGATE DR	FJ754 / 34	1632
PANTRY INC	4481 SOCASTEE BLVD	FK755 / 34	1633
WORSLEY COMPANIES IN	501 3RD AVE S	FL758 / 36	1637
PANTRY INC	4570 SOCASTEE BLVD	FM763 / 34	1641
LEES DISCOUNT TIRE C	300 S KINGS HWY	FL765 / 36	1643
SUN FUN EXXON	316 S KINGS HWY	FL767 / 36	1643
WORSLEY COMPANIES IN	5010 SOCASTEE BLVD	FO774 / 34	1655
AIRBRUSH 66 2	211 S OCEAN BLVD	778 / 36	1660
BEST & HESS	903 S KINGS HWY	807 / 36	1760
BEST HESS	900 S KINGS HWY	FV811 / 36	1763
PORT OIL #5	1101 S KINGS HWY	FW814 / 36	1764
GRAB N GO	3800 PALMETTO POINTE	FX818 / 34	1768
PANTRY INC	1405 S KINGS HWY 324	FY827 / 35	1776
LANES AUTO SERVICE	1700 S KINGS HWY	GB839 / 35	1786
KARETAS H A COMPANY	1611 SOUTH KINGS HIG	GC840 / 35	1786
HESS CORPORATION	6222 HIGHWAY 707	GD844 / 34	1795
NASH OIL CO INC	400 17TH AVE S APT J	853 / 35	1803
SUNOCO	9150 HIGHWAY 701 S	GE858 / 31	1805
PANTRY INC	4625 DICK POND RD	GG863 / 34	1811
EXPRESS MART	2620 SOUTH KINGS HWY	GK875 / 35	1920
COX JERRY COMPANY	3211 S KINGS HWY	GL882 / 35	1927
THOMAS AIRPORT EXXON	3350 S KINGS HIGHWAY	888 / 35	1931
CIRCLE K STORES INC	3301 S KINGS HWY	GN889 / 35	1931
PATSEL INC	3802 SOUTH KINGS HWY	891 / 35	1933
HESS CORPORATION	2355 DICK POND RD	GQ908 / 40	1953
PANTRY INC	2301 DICK POND RD	GS913 / 40	1974
MURPHY OIL USA INC	8737 HIGHWAY 17 BYP	GU924 / 40	1993
CENAMA INC	1272 DICK POND RD	GV931 / 40	1996
PANTRY INC	1203 DICK POND RD	940 / 40	2010
PANTRY INC	4700 HOLMESTOWN RD	GX941 / 39	2011
PANTRY INC	2590 GLENNS BAY RD	HC958 / 40	2025
PANTRY INC	2591 GLENNS BAY RD	HD961 / 40	2027
EXPRESS LUBE OF SURF	920 HIGHWAY 17 N	HE963 / 40	2028
PANTRY INC	501 HIGHWAY 17 N	HG971 / 40	2040
PANTRY INC	11 HIGHWAY 17 N	HJ982 / 40	2059
SPARKS ESSO SERVICE	316 HWY 17 SOUTH	990 / 40	2073
TILSON INC	600 HWY 17 SOUTH	993 / 40	2074
PANTRY INC	999 HIGHWAY 17 S	HO1010 / 44	2108
WALSERDALE GROCERY	1001 TENTH AVE S	HO1011 / 44	2108
PANTRY INC	1611 HIGHWAY 17 S	HP1015 / 44	2110
CIRCLE K CORPORATION	1701 HWY 17	HP1018 / 44	2116
CIRCLE K STORES INC	1701 HIGHWAY 17 S	HP1019 / 44	2116
JIFFY LUBE	11772 HIGHWAY 17 BYP	1036 / 43	2133
MURPHY OIL USA INC	2700 S HWY 17 BUSINE	HU1040 / 44	2147
BONE ERNEST H	3008 HIGHWAY 17	HX1057 / 43	2184
CLARK & GRAINGER INC	3411 HIGHWAY 17 BUSI	IB1067 / 43	2209
COOLIES MARINE SERVI	3453 HWY 17 BUS	1070 / 43	2216
BP BA BUCKS LITCHFIE	3385 COLLINS CREEK D	1072 / 42	2216
SHELL RAPID LUBE	3619 HIGHWAY 17	1075 / 43	2218
WILCOHESS LLC	4326 HIGHWAY 17 STE	IE1092 / 46	2238
PANTRY INC	658 WACHESAW RD	IG1101 / 46	2251

EXECUTIVE SUMMARY

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 51 EDR Hist Cleaner sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
PLANTATION CLEANERS	110 EL BETHEL RD	26 / 8	165
SALLEY CLEANERS INC	1510 N MAIN ST	N59 / 9	231
BASS CLEANERS INC	1508 MAIN ST	60 / 9	231
DRYCLEAN EXPRESS	1308 COLLINS T	67 / 9	236
BASS CLEANERS INC	400 MAIN ST	AF134 / 14	317
NORMANS CLEANERS INC	1000 4TH AVE	AF137 / 14	320
MOORE NORMAN T	408 LAUREL ST	AI139 / 14	322
SWARTZ & MOORE CORP	300 ELM ST	AO164 / 14	366
SPANN LOUIS E JR	307 BEATY ST	AQ168 / 14	372
MOORE & SWARTZ CORP	1127 3RD AVE	AO170 / 14	372
CONWAY CLEANERS INC	1510 3RD AVE	AZ204 / 14	404
HORRY CLEANERS	1613 4TH AVE	BA209 / 14	409
JACKSON CLEANERS	2707 4TH AVE	229 / 13	431
WADE TRUCKING INC	289 E COX FERRY RD	BS284 / 15	519
SKIPPERS CLEANERS LL	1925 HIGHWAY 544	297 / 14	536
COASTAL CLEANERS LLC	2278 E HIGHWAY 501	CB329 / 21	602
CONWAY CLEANERS	4012 POSTAL WAY STE	395 / 21	1079
LAPELS DRY CLEANING	492 RIVER OAKS DR	435 / 28	1151
NEW IMAGE UPHOLSTERY	2507 FRESTBROOK RD U	526 / 27	1301
PRO CLEANERS LLC	1405 HEMINGWAY ST	551 / 29	1343
A & I CORPORATION	925 BROADWAY EXT	EO644 / 36	1478
DANNYS CLEANERS	917 BROADWAY EXT	EO646 / 36	1479
NU-WAY LAUNDRY INC	725 BROADWAY EXT	ES665 / 36	1504
NU-WAY LAUNDRY INC	725 BROADWAY	EW681 / 36	1520
ROYAL CLEANERS MYRTL	612-14 BROADWAY	EW685 / 36	1541
MYRTLE BEACH CLEANER	612 BROADWAY ST	686 / 36	1541
MONTICELLO ONE HOUR	534 W BROADWAY ST 10	693 / 36	1549
CREEKSIDE CLEANERS D	5861 CREEKSIDE DR	769 / 33	1646
REGAL CLEANERS	5401 DICK POND RD	FQ785 / 34	1667
THREE G CORP	801 S KINGS HGWY	FS802 / 36	1692
MYRTLEWOOD APARTMENT	407-407A 8TH AVE S	806 / 36	1760
TECHNO CLEANERS	5023 DICK POND RD	FZ832 / 34	1779
SURFSIDE CLEANERS	1605 S KINGS HWY	834 / 35	1780
ROYAL CLEANERS & LAU	5022 DICK POND RD	FZ835 / 34	1780
ASHE CLEANERS INC	8825 SHADY BRANCH RD	880 / 33	1923
BOLTON BRITE WAY CLE	3901 S KINGS HWY	892 / 41	1933
MELS DRY CLG PICK UP	1373 ROYAL DEVON DR	916 / 40	1986
A TO Z COASTAL CLEAN	9059 BAYWOOD CIR	926 / 39	1994
WAPPINGERS PLAZA CLE	1447 SOUTHWOOD DR	928 / 40	1995
LEE BOK TEAK	2286 GLENNS BAY RD	HC960 / 40	2027
ROCKYS DRY CLG & LDR	700 PLANTATION DR A	964 / 40	2028
ATLANTIC CLEANERS IN	510 HIGHWAY 17 N	HF969 / 40	2037
SURFSIDE CLEANERS	824 SURFSIDE DRIVE	HK985 / 40	2062
SURFSIDE CLEANERS IN	822 SURFSIDE DR	HK988 / 40	2072
AA CLEANERS	11109 HIGHWAY 707	1007 / 43	2105
MYRTLE BEACH CLEANER	889 GARDEN CITY CONN	1024 / 43	2120
SAND DOLLAR DRY CLEA	2138 S HIGHWAY 17	HQ1025 / 44	2120
SAND DOLLAR DRY CLEA	2138 HIGHWAY 17	HQ1028 / 44	2121
JAMES CLEANERS & TAI	2428 HIGHWAY 17	HR1030 / 44	2122
JAMES CLEANERS & TAI	2428 S HIGHWAY 17	HR1031 / 44	2122
INLET CLEANERS	4 INLET CIR	1047 / 43	2155

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

MAPPED SITES SUMMARY

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 3	MIDWAY CHAPEL	5405 W HWY 501	LUST, UST	TP
2 / 3		460 KNOTTY BRANCH RD	CDL	TP
3 / 3		5001 MURRAY JOHNSON	CDL	TP
A4 / 3	MARVINS COUNTRY KITC	4580 HIGHWAY 501 W	EDR Hist Auto	TP
A5 / 3	MARVINS COUNTRY KITC	4580 HWY 501 W	UST	TP
A6 / 3	JOHNSONS OLD RAIL RO	4580 HWY 501 W	UST	TP
7 / 3	FARM MART	5565 HWY 501W	LUST, UST	TP
8 / 7	501 MINI MART LLC	4245 HWY 501 W	LUST, UST, GWCI	TP
9 / 7	LARRYS TRANSMISSION	1066 D ST	EDR Hist Auto	TP
10 / 8	JRS MINIMART	125 WILLARD RD	EDR Hist Auto	TP
B11 / 8	JRS MINIMART INC	4010 HWY 501	EDR Hist Auto	TP
B12 / 8	JAYATRI INC	4010 HWY 501 W	LUST, UST, GWCI	TP
B13 / 8	JRS MINIMART INC	4010 HIGHWAY 501 W	EDR Hist Auto	TP
14 / 7	RONS BUSY CORNER	5709 JUNIPER BAY RD	UST	TP
15 / 8	ESTATE OF MARY E HOL	4055 HWY 501 W	LUST, UST, GWCI	TP
16 / 7	T&J BUILDERS INC/TOD	5451 JUNIPER BAY RD	ECHO	TP
C17 / 8	SCOTCHMAN	3410 W HIGHWAY 501	EDR Hist Auto	TP
C18 / 8	SCOTCHMAN 3058	3410 HWY 501 W	LUST, UST, GWCI	TP
C19 / 8	SCOTCHMAN	3410 HIGHWAY 501 W	EDR Hist Auto	TP
D20 / 8	FLEET PRFMCE TRANSMI	2897 HIGHWAY 501 W	EDR Hist Auto	TP
D21 / 8	GENES BODY SHOP	2893 HWY 501 W	RCRA-VSQG, ECHO	TP
22 / 8	AVX CORPORATION	2875 HWY 501	ECHO	TP
23 / 8	FUEL 2 GO	2901 CHURCH ST	UST	TP
E24 / 8	HUGO CITGO INC	2776 CHURCH ST	EDR Hist Auto	TP
E25 / 8	MATTRESS FIRM- CHURC	2776 CHURCH ST	LUST, UST	TP
26 / 8	PLANTATION CLEANERS	110 EL BETHEL RD	EDR Hist Cleaner	TP
F27 / 8	ASPEN DENTAL	2756 CHURCH ST	RCRA-VSQG, ECHO	TP
F28 / 8	MURPHY EXPRESS 8573	2735 CHURCH ST	LUST, UST	TP
F29 / 8	MURPHY OIL USA INC	2735 CHURCH ST	EDR Hist Auto	TP
G30 / 8	WALMART SUPERCENTER	2709A CHURCH ST	RCRA-SQG	TP
G31 / 8	WALMART SUPERCENTER	2709A CHURCH ST	ECHO	TP
32 / 9	CONWAY FEED & GARDEN	2210 N MAIN ST	ECHO	TP
33 / 9	SC DEPARTMENT OF AGR	2200 N MAIN ST	ECHO	TP
H34 / 8	CONWAY FORD INC	2501 CHURCH ST	RCRA-VSQG, ECHO	TP
H35 / 8	CONWAY FORD INC	2501 CHURCH ST	LUST, UST	TP
I36 / 8	HARBOR FREIGHT TOOLS	2300 CHURCH ST UNIT1	RCRA-VSQG	TP
I37 / 8	HARBOR FREIGHT TOOLS	2300 CHURCH ST UNIT1	ECHO	TP
38 / 9	LILLIANS	2000 N MAIN ST	LUST, UST, GWCI	TP
39 / 8	PEPSI COLA BOTTLING	2380 HWY 501 N	LUST, UST	TP

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MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
40 / 8	CONWAY CHRYSLER PLYM	2385 HWY 501W	RCRA-VSQG, ECHO	TP
41 / 9	STILLEY PLYWOOD CLOS	501 16TH AVENUE	ECHO	TP
J42 / 9	VIDEO WORLD	1900 MAIN ST	LUST, UST, GWCI	TP
43 / 9	SPIRES CONVENIENCE S	16TH & MC DERMOT RD	LUST, UST	TP
J44 / 9	ELVIS GENERAL REPAIR	1801 N MAIN ST	GWCI	TP
J45 / 9	ELVIS GENERAL REPAIR	1801 N MAIN ST	LUST, UST	TP
K46 / 9	G & T DISCOUNT CENTE	1801 PARK VIEW RD	EDR Hist Auto	TP
K47 / 9	G&T DISCOUNT CENTER	1801 PARKVIEW RD	LUST, UST, GWCI	TP
48 / 9	SMITH RAYMOND E	1708 N MAIN ST	EDR Hist Auto	TP
L49 / 8	FRANK & SONS MFG. IN	2093 CHURCH STREET	ECHO	TP
L50 / 8	FRANK & SON MFG - CL	2093 CHURCH ST	ECHO	TP
51 / 9	B&M TIRE SERVICE	1704 MAIN ST	LUST, UST, GWCI	TP
M52 / 8	CONWAY DRIVE THRU	1723 CHURCH ST	LUST, UST, GWCI	TP
N53 / 9	SC651	1600 MAIN ST	LUST, UST, GWCI	TP
N54 / 9	FAST FARE INC	1600 MAIN ST	EDR Hist Auto	TP
N55 / 9	QUIK MART 5	1512 N MAIN ST	LUST, UST	TP
M56 / 8	HUCKS AUTO SALES & B	1727 CHURCH ST	ECHO	TP
57 / 9	SERVICE AMERICA	1507 COLLINS DR	LUST, UST, GWCI	TP
N58 / 9	SALLEY CLEANERS	1510 N MAIN ST	SHWS, UST, DRYCLEANERS	TP
N59 / 9	SALLEY CLEANERS INC	1510 N MAIN ST	EDR Hist Cleaner	TP
60 / 9	BASS CLEANERS INC	1508 MAIN ST	EDR Hist Cleaner	TP
61 / 8	XPRESS LUBE OF N MYR	1711 CHURCH ST	EDR Hist Auto	TP
62 / 8	CIRCLE K 2721653	1700 CHURCH ST	UST	TP
O63 / 8	SPINX COMPANY INC	1646 CHURCH ST	EDR Hist Auto	TP
O64 / 8	SCOTCHMAN 160	1646 CHURCH ST (HWY	LUST, UST	TP
P65 / 9	ANDERSON & TODD GARA	1500 MAIN ST	EDR Hist Auto	TP
P66 / 9	MAIN STREET FARM	1500 MAIN ST	LUST, UST	TP
67 / 9	DRYCLEAN EXPRESS	1308 COLLINS T	EDR Hist Cleaner	TP
68 / 9	DORMAN PROPERTIES	1205 LAKESIDE DR	LUST, UST	TP
69 / 9	KMART 7555	1610 U CHURCH ST	ECHO	TP
Q70 / 9	CAROLINA TIRE CO	1300 16TH AVE	RCRA-VSQG	TP
Q71 / 9	CAROLINA TIRE COMPAN	1300 16TH AVENUE	ECHO	TP
R72 / 9	TIGER MART 3	1626 CHURCH ST	LUST, UST, GWCI	TP
R73 / 9	SMITH ROGERS OIL CO	1626 CHURCH ST	EDR Hist Auto	TP
74 / 9	FOWLER MOTORS INC	1509 ELM ST	LUST, UST	TP
75 / 9	G J CREEL & SONS, IN	708 12TH AVENUE	ECHO	TP
76 / 9	MARBLECRAFT	1621 CHURCH ST	ECHO	TP
77 / 9	SHERWIN WILLIAMS CO	1229 16TH AVE	ECHO	TP
78 / 9	RITE AID #11625	1610-Z CHURCH STREET	ECHO	TP

MAPPED SITES SUMMARY

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MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
S79 / 9	CIRCLE K 2723228	1600 CHURCH ST	LUST, UST, GWCI	TP
S80 / 9	PANTRY INC	1600 CHURCH ST	EDR Hist Auto	TP
81 / 9	PANTRY	MAIN ST & 12TH AVE	UST	TP
T82 / 14	MAIN ST SHELL	1100 E MAIN ST	GWCI	TP
T83 / 14	MAIN STREET SHELL ST	1100 MAIN ST	EDR Hist Auto	TP
T84 / 14	MAIN ST SHELL	1100 MAIN ST	LUST, UST	TP
T85 / 14	MAIN STREET EXPRESS	1112 MAIN ST	LUST, UST	TP
T86 / 14	MIDLAND SERVICE INC	1112 MAIN ST	EDR Hist Auto	TP
87 / 12	G & G MINING CO/G &	5010 MARIGOLD RD	ECHO	TP
U88 / 13	PALMETTO MEMORIAL FU	2300 HWY 378	ECHO	TP
U89 / 13	SPEEDWAY 4582	2298 HWY 378	LUST, UST	TP
90 / 13	PARKERS AUTO & TRUCK	2257 HWY 378	LUST, UST, GWCI	TP
V91 / 14	PEPSI COLA BOTTLING	HWY 501 W	RCRA-VSQG, ECHO	TP
W92 / 13	SPEEDWAY 4582	2208 HWY 378	RCRA-VSQG	TP
W93 / 13	SPEEDWAY 4582	2208 HWY 378	ECHO	TP
V94 / 14	SASSER MARSHALL C (D	1043 9TH AVE	ECHO	TP
X95 / 14	CONWAY HIGH SCHOOL H	HWY 501 W	ECHO	TP
X96 / 14	CAROLINA STRAND COMP	RED HILL	ECHO	TP
X97 / 14	GEORGIA-PACIFIC CORP	GOLF COURSE ROAD	ECHO	TP
98 / 13	LG TODDS BODY SHOP	2926 HWY 378	RCRA-VSQG, ECHO	TP
99 / 13	FRESENIUS MEDICAL CA	1702 MILLPOND RD	ECHO	TP
Y100 / 14	501 BP	1006 CHURCH ST	LUST, GWCI	TP
Y101 / 14	BUCKWOOD SERVICE CEN	1109 CHURCH ST	EDR Hist Auto	TP
102 / 14	STILLEY PLYWOOD CO I	16TH AVE & LAKESIDE	LUST, UST	TP
103 / 13	GATEWAY HOMES	2990 HWY 378 W	LUST, UST, GWCI	TP
Z104 / 14	CREEL G J & SONS INC	1006 CHURCH ST	EDR Hist Auto	TP
Z105 / 14	501 BP	1006 CHURCH ST	UST	TP
AA106 / 13	BULK SHELL	2005 HIGHWAY 378	EDR Hist Auto	TP
AA107 / 13	BULK SHELL	2005 HWY 378	UST	TP
108 / 13	WASTE INDUSTRIES INC	3010 HWY 378	RCRA-VSQG, ECHO	TP
Z109 / 14	BUCKWOOD SHELL	1108 CHURCH ST 501	EDR Hist Auto	TP
AB110 / 14	BARKERS 76	600 MAIN ST	GWCI	TP
AB111 / 14	BARKERS SERVICE CENT	600 MAIN ST	UST	TP
AB112 / 14	BARKERS 76	600 MAIN ST	LUST, UST	TP
AB113 / 14	BARKER BILL	600 MAIN ST	EDR Hist Auto	TP
AC114 / 13	TIGER MART 19	1812 WRIGHT BLVD	EDR Hist Auto	TP
AC115 / 13	TIGER MART 19	1812 WRIGHT BLVD	UST	TP
116 / 11	PEE DEE EXCHANGE LLC	6450 HWY 378	LUST, UST	TP
AD117 / 13	QUICKMART	1813 WRIGHT BLVD	LUST, UST, GWCI	TP

MAPPED SITES SUMMARY

Target Property:
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MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
AD118 / 13	WORSLEY COMPANIES IN	1813 WRIGHT BLVD	EDR Hist Auto	TP
119 / 11	D&L SITEWORKS INC/PE	6555 US 378	ECHO	TP
120 / 14	CONWAY AMERICAN SERV	1608 9TH AVE	EDR Hist Auto	TP
121 / 14	YOUR BRIDAL OULET	500 MAIN ST	LUST, UST	TP
122 / 14	SURE WAY GROCERY	418 HWY 905	EDR Hist Auto	TP
123 / 14	CAROLINA TIRE CO	1300 6TH AVE	LUST, UST	TP
AE124 / 14	CVS PHARMACY 3851	707 CHURCH ST	RCRA-VSQG	TP
AE125 / 14	FOOD CHIEF 20	707 CHURCH ST @ 9TH	LUST, UST, GWCI	TP
AE126 / 14	CVS PHARMACY 3851	707 CHURCH ST	ECHO	TP
127 / 10	D&L/PEE DEE CROSSROA	6924 HWY 378	ECHO	TP
AF128 / 14	DOUGS AUTOMOTIVE	405 MAIN ST	LUST, UST	TP
AF129 / 14	DOUG AUTOMOTIVE & BO	405 MAIN STREET	ECHO	TP
AG130 / 13	WRIGHTS GROCERY	935 WRIGHTS BLVD	EDR Hist Auto	TP
AG131 / 13	T J PARTY SHOP	935 WRIGHTS BLVD	LUST, UST, GWCI	TP
AH132 / 12	G & B DISCOUNT CORNE	3372 HIGHWAY 378	EDR Hist Auto	TP
AH133 / 12	SUNHOUSE PETROLEUM 2	3372 HWY 378	LUST, UST, GWCI	TP
AF134 / 14	BASS CLEANERS INC	400 MAIN ST	EDR Hist Cleaner	TP
AI135 / 14	GENERAL TELEPHONE OF	414 LAUREL ST	LUST, UST	TP
AF136 / 14	DOWNTOWN CLEANERS	1000 4TH AVE	LUST, UST	TP
AF137 / 14	NORMANS CLEANERS INC	1000 4TH AVE	EDR Hist Cleaner	TP
AF138 / 14	DOWNTOWN CLEANERS	1000 4TH AVE	LUST, UST	TP
AI139 / 14	MOORE NORMAN T	408 LAUREL ST	EDR Hist Cleaner	TP
AG140 / 13	WRIGHTS GROCERY	935 HWY 378	EDR Hist Auto	TP
141 / 14	COX JERRY COMPANY IN	316 MAIN STREET	EDR Hist Auto	TP
142 / 13	WRIGHTS GROCERY	1804 MAGNOLIA ST	EDR Hist Auto	TP
AI143 / 14	BARKERS SERVICE CENT	4TH AVE & LAUREL ST	EDR Hist Auto	TP
AJ144 / 14	PALMETTO CHEVROLET C	1122 4TH AVE	RCRA-VSQG, ECHO	TP
AJ145 / 14	RIVERTOWN AMOCO	1101 4TH AVE	LUST, UST, GWCI	TP
AJ146 / 14	HARVEY TODDS FINA SE	1101 4TH AVE	UST	TP
AJ147 / 14	HARDWICKS SERVICE ST	1101 4TH AVE	EDR Hist Auto	TP
148 / 14	SCOTCHMAN 12	HWY 501 & 9TH AVE	LUST, UST	TP
AK149 / 14	SAV WAY 21	604 CHURCH ST	LUST, UST	TP
AK150 / 14	SAV WAY 21	604 HWY 501	GWCI	TP
AK151 / 14	SAVE MART	604 CHURCH ST	UST	TP
152 / 12	APPEND INVESTMENT DB	3788 HWY 378	LUST, UST	TP
AJ153 / 14	TIRE SUPER MARKET	312 ELM ST	LUST, UST, GWCI	TP
154 / 12	MONEY SAVER FOOD MAR	4062 HWY 378	LUST, UST, GWCI	TP
AL155 / 14	CONWAY CITY OF	229 MAIN ST	LUST, UST	TP
AL156 / 14	CONWAY CITY OF	1001 3RD AVE	ECHO	TP

MAPPED SITES SUMMARY

Target Property:
SELL PROJECT - REGULATORY REVIEW
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MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
157 / 13	HORRY COUNTY SCHOOLS	1605 HORRY ST	UST	TP
AM158 / 14	CAUSEY & LONG	601 CHURCH ST	EDR Hist Auto	TP
AM159 / 14	AMMY LLC DBA MONEY S	601 CHURCH ST	LUST, UST	TP
AN160 / 14	B & B SUPERETTE	800 HIGHWAY 378	EDR Hist Auto	TP
AN161 / 14	B&B SUPERETTE	800 WRIGHT BLVD	GWCI	TP
AN162 / 14	SHREE MINI MART	800 WRIGHT BLVD	UST	TP
AN163 / 14	SHREE MINI MART	800 WRIGHT BLVD	LUST, UST	TP
AO164 / 14	SWARTZ & MOORE CORP	300 ELM ST	EDR Hist Cleaner	TP
AO165 / 14	CHEF SKIS DELI	300 ELM ST	LUST, UST, GWCI	TP
AP166 / 14	EASY PICK UP 1	1314 4TH AVE	LUST, UST, GWCI	TP
AP167 / 14	KINGSTON SALES CORPO	1314 4TH AVE	EDR Hist Auto	TP
AQ168 / 14	SPANN LOUIS E JR	307 BEATY ST	EDR Hist Cleaner	TP
AQ169 / 14	FMR CONWAY CLEANERS	307 BEATY ST	SHWS, DRYCLEANERS	TP
AO170 / 14	MOORE & SWARTZ CORP	1127 3RD AVE	EDR Hist Cleaner	TP
AR171 / 14	SINGLE SOURCE INC	1412 GAMECOCK AVE UN	ECHO	TP
AR172 / 14	SINGLE SOURCE INC	1412 GAMECOCK AVE UN	RCRA-VSQG	TP
173 / 14	ALL OUT ENGINES AND	210 ELM ST	EDR Hist Auto	TP
174 / 12	G&G MINING CO. LLC C		SWF/LF	TP
AS175 / 14	HENDRICKS BROS AUTO	1306 THIRD AVE	EDR Hist Auto	TP
AT176 / 14	SUB WAY	484 WRIGHT BLVD	UST	TP
AS177 / 14	D D LEWIS EXXON	1301 3RD AVE	LUST, UST	TP
AS178 / 14	LEWIS EXXON	1301 THIRD AV	EDR Hist Auto	TP
179 / 14	TODD BROTHERS SERVIC	1401 4TH AVE	EDR Hist Auto	TP
180 / 14	WATSON JOSEPH W	1318 THIRD AVE	EDR Hist Auto	TP
AS181 / 14	LEWIS D DERWOOD	1305 THIRD AVE	EDR Hist Auto	TP
AU182 / 14	DERWOODS	420 CHURCH ST	LUST, UST	TP
AU183 / 14	MARTINS PURE OIL SER	420 HWY 378	EDR Hist Auto	TP
AU184 / 14	LEWIS AMOCO	420 CHURCH ST	EDR Hist Auto	TP
AT185 / 14	DERWOODS	HWY 378 & 501	GWCI	TP
186 / 14	PYA MONARCH INC	HWY 501 E	ECHO	TP
AU187 / 14	LIVE OAK TEXACO STAT	601 HWY 501 WEST	EDR Hist Auto	TP
AU188 / 14	HUCKS JOHN F A	HWY 501 & 378	EDR Hist Auto	TP
189 / 14	LEWIS CITGO	420 WRIGHT BLVD	EDR Hist Auto	TP
AV190 / 14	HORRY COUNTY POLICE	2ND AVE	LUST, UST	TP
191 / 14	SANTEE COOPER DISTRI	103 LAUREL ST	UST	TP
AV192 / 14	HORRY COUNTY TECHNOL	103 ELM ST	UST	TP
AW193 / 14	SUNSHINE CONVENIENCE	1600 4TH AVE	GWCI	TP
AW194 / 14	CAPPS SERVICE STATIO	1600 4TH AVE	UST	TP
AW195 / 14	CAPPS WRECKER SERVIC	1600 4TH AVE	EDR Hist Auto	TP

MAPPED SITES SUMMARY

Target Property:
SELL PROJECT - REGULATORY REVIEW
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MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
AW196 / 14	4 WAY FUEL	1600 4TH AVE	LUST, UST	TP
AX197 / 14	THE COAST RTA	1418 THIRD AVE	LUST, UST	TP
AX198 / 14	HUNTER AUTO SALES IN	1418 THIRD AVE	EDR Hist Auto	TP
199 / 14	CONWAY AUTO PARTS IN	1401 THIRD AVE	ECHO	TP
200 / 14	HORRY COUNTY GOVERNM	1301 2ND AVE	LUST, UST	TP
AY201 / 14	VILLAGE GROCERY	4TH AVE EXT	UST	TP
AY202 / 14	SPORTSMANS CORNER	1528 4TH AVE	EDR Hist Auto	TP
AZ203 / 14	CONWAY CLEANERS	1510 3RD AVE	RCRA-VSQG, SHWS, ECHO, DRYCLEANERS	TP
AZ204 / 14	CONWAY CLEANERS INC	1510 3RD AVE	EDR Hist Cleaner	TP
BA205 / 14	MELLOW BUTTERCUP ICE	1620 4TH AVE	LUST, UST	TP
BB206 / 14	COLUMBIA SUPPLY CO	1509 THIRD AVE	UST	TP
BB207 / 14	LEES DISCOUNT TIRE C	1501 3RD AVE	EDR Hist Auto	TP
BB208 / 14	LEES DISCOUNT CENTER	1501 3RD AVE	LUST, UST, GWCI	TP
BA209 / 14	HORRY CLEANERS	1613 4TH AVE	EDR Hist Cleaner	TP
BC210 / 14	FORMER CONWAY MAINTE	301 SMITH ST	GWCI	TP
BC211 / 14	SC DEPT OF TRANSPORT	301 SMITH ST	LUST, UST	TP
BD212 / 14	CONWAY CITY MARINA	4 ELM ST	UST	TP
BD213 / 14	CONWAY CITY MARINA	4 ELM ST	LUST	TP
214 / 12	NORTH AMERICAN INSTI	1700 AIRPORT RD	RCRA-VSQG, ECHO	TP
215 / 14	GSW&SA/CONWAY WWTP	1700 NEW ROAD	ECHO	TP
216 / 12	CONWAY HORRY COUNTY	US HWY 378	LUST, UST	TP
217 / 14	SANTEE COOPER	HWY 501 BYPASS	UST	TP
218 / 14	SANTEE COOPER - GRAI		SWF/LF	TP
219 / 13	JAMESTOWN LAUNDROMAT	2605 4TH AVE HWY 701	LUST, UST	TP
BE220 / 13	TIDEWATER HUNTING &	2702 4TH AVE	LUST, UST	TP
BE221 / 13	TIDEWATER HUNTING &	2702 4TH AVE	UST	TP
222 / 14	CITY OF CONWAY DUMP		SWF/LF	TP
BE223 / 13	JAMESTOWN GROCERY	2705 FOURTH ST	EDR Hist Auto	TP
BE224 / 13	JAMESTOWN GROCERY	2703 4TH AVE	LUST, UST	TP
BE225 / 13	JAMESTOWN GROCERY	2703 4TH AVE	UST	TP
BE226 / 13	MARLOWE DEREK C	2703 4TH AVE	EDR Hist Auto	TP
BF227 / 13	RAYS STATION	2900 FOURTH AVE S	LUST, UST, GWCI	TP
BF228 / 13	SPEEDWAY SUPERAMERIC	2900 4TH AVE	EDR Hist Auto	TP
229 / 13	JACKSON CLEANERS	2707 4TH AVE	EDR Hist Cleaner	TP
230 / 13	BUCKSPORT WATER COMP	2809 FOURTH AVENUE	ECHO	TP
231 / 14	SCPSA - DOLPHUS M GR	HWY 501 BYPASS	COAL ASH	TP
232 / 14	SCOTCHMAN 31	850 HWY 501 BYPASS	LUST, UST, GWCI	TP
BG233 / 13	CORNER STOP 106	401 JANETTE ST	LUST, UST, GWCI	TP
BG234 / 13	CORNER STOP	401 JANETTE ST	EDR Hist Auto	TP

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MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
235 / 14	FLAV O RICH	956 HWY 501 BYPASS	UST	TP
236 / 13	TODDS 76 OR TODD HAR	309 JORDAN CIR	EDR Hist Auto	TP
237 / 14	KINGSTON JUNCTION	HWY 90 AND 501 BUSIN	LUST, UST	TP
238 / 13	CHS HOMEWOOD STORAGE	3153 US 701 N	LUST, UST	TP
BH239 / 14	SPEEDWAY 4589	1120 HWY 501 BUSINES	RCRA-VSQG	TP
BH240 / 14	SPEEDWAY 4589	1120 HWY 501 BUS	LUST, UST	TP
BH241 / 14	SPEEDWAY 4589	1120 HWY 501 BUSINES	ECHO	TP
BI242 / 14	HD SUPPLY WATERWORKS	385 FRENCH COLLINS R	ECHO	TP
BI243 / 14	ROYAL OAK ENTERPRISE	385 FRENCH COLLINS R	ECHO	TP
BI244 / 14	HD SUPPLY WATERWORKS	385 FRENCH COLLINS R	RCRA-VSQG	TP
245 / 11	KAHM FARMS SF #4		SWF/LF	TP
246 / 11	KAHM FARMS SF #1		SWF/LF	TP
BJ247 / 14	DOLPHUS M. GRAINGER	1605 MARINA DRIVE	COAL ASH EPA	TP
BJ248 / 14	SCPSA - SANTEE COOPE	1605 MARINA DR	SHWS, GWCI	TP
BJ249 / 14	DOLPHUS M. GRAINGER	1605 MARINA DRIVE	COAL ASH EPA	TP
BJ250 / 14	SCPSA GRAINGER GENER	1605 MARINA DR	LUST, UST	TP
BJ251 / 14	SANTEE COOPER DOLPHU	1605 MARINA DRIVE	ECHO	TP
252 / 14	SEABOARD PETROLEUM	1221 HWY 501 BUS	GWCI	TP
BK253 / 14	CANFOR SOUTHERN PINE	1283 HIGHWAY 501 BUS	ECHO	TP
BK254 / 14	NEW SOUTH WOOD PRESE	1283 HWY 501 BUSINES	RCRA-VSQG, SHWS	TP
255 / 13	TODD EVAN JR	3309 WALL LN	EDR Hist Auto	TP
256 / 14	AMOCO UNOCAL SEABOAR	532 AMBER LN	EDR Hist Auto	TP
257 / 14	H R CORPORATION OF B	766 HIGHWAY 501 E	EDR Hist Auto	TP
BL258 / 14	RED HILL RECOVERED C	127 FRENCH COLLINS R	ECHO	TP
BL259 / 14	SOUTHEAST INDUSTRIAL	127 FRENCH COLLINS R	RCRA-VSQG	TP
BL260 / 14	SOUTHEAST INDUSTRIAL	127 FRENCH COLLINS R	ECHO	TP
261 / 14	CONCRETE SUPPLY CO.,	151 OLE WOODWARD RD	ECHO	TP
262 / 11	KAHM FARMS SF#3		SWF/LF	TP
BM263 / 14	FOOD SHOP MARATHON	1300 HWY 501 BUSINES	LUST, UST, GWCI	TP
BM264 / 14	FOOD SHOP MARATHON	1300 HWY 501 BUSINES	UST	TP
BM265 / 14	3S CORPORATION	1300 HWY 501 BUSINES	EDR Hist Auto	TP
BN266 / 13	FAMILY DOLLAR 3581	3400 4TH AVE	ECHO	TP
BN267 / 13	FAMILY DOLLAR 3581	3400 4TH AVE	RCRA-VSQG	TP
268 / 14	PELICAN MILLWORK	150 OLE WOODWARD AVE	UST	TP
269 / 11	KAHM FARMS SF #2		SWF/LF	TP
270 / 11	KAHM FARMS SF #6		SWF/LF	TP
BO271 / 14	H R CORPORATION OF B	1019 HIGHWAY 501 E	EDR Hist Auto	TP
BO272 / 14	BUCKWOOD SHELL	1108 HWY 501	LUST, UST, GWCI	TP
273 / 14	C A TIMBES INC	PO BOX 826	LUST, UST	TP

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274 / 15		704 RAINTREE LN	CDL	TP
275 / 15		612 UNIVERSITY FORES	CDL	TP
BP276 / 14	PIT STOP	1209 HWY 501	LUST, UST	TP
BP277 / 14	501 PIT STOP	1209 HIGHWAY 501 E	EDR Hist Auto	TP
BQ278 / 14	COASTAL COCA COLA BO	1160 HWY 501	LUST, UST	TP
BQ279 / 14	PIEDMONT COCA COLA B	1160 HWY 501	LUST, UST	TP
BR280 / 14	SPEEDWAY 4595	1365 HWY 501 E	UST	TP
BR281 / 14	SPEEDWAY 4595	1365 HIGHWAY 501 EAS	ECHO	TP
BR282 / 14	SPEEDWAY 4595	1365 HIGHWAY 501 EAS	RCRA-VSQG	TP
283 / 14	BUILDERS FIRST SOURC	1291 HWY 501	ECHO	TP
BS284 / 15	WADE TRUCKING INC	289 E COX FERRY RD	EDR Hist Cleaner	TP
BS285 / 15	HD SUPPLY CONSTRUCTI	269 E COX FERRY RD	RCRA-VSQG	TP
BS286 / 15	HD SUPPLY CONSTRUCTI	269 E COX FERRY RD	ECHO	TP
BT287 / 14	RED HILL STATION	1364 HWY 501 E	LUST, UST, GWCI	TP
BU288 / 15	PENSKE TRUCK LEASING	213 E COX FERRY RD	RCRA-VSQG	TP
BU289 / 15	PENSKE TRUCK LEASING	213 E COX FERRY RD	ECHO	TP
BU290 / 15	BAUSCH LINNEMANN SOU	201 E COX FERRY	ECHO	TP
BT291 / 14	FORMER TWILIGHT STAT	1390 HWY 501 E BYPAS	GWCI	TP
BV292 / 14	FORMER TWILIGHT STAT	1390 HWY 501 E BYPAS	LUST, UST	TP
BV293 / 14	CIRCLE K 2723150	1390 HWY 501 E	UST	TP
294 / 14	FOOD CHIEF 35	1600 HIGHWAY 501 E	EDR Hist Auto	TP
295 / 15	PYA MONARCH INC	HWY 501 E	LUST, UST, GWCI	TP
296 / 14	EAGLE TRANSMISSIONS	473 HIGHWAY 544 UNIT	EDR Hist Auto	TP
297 / 14	SKIPPERS CLEANERS LL	1925 HIGHWAY 544	EDR Hist Cleaner	TP
298 / 15	B3C FUEL SOLUTIONS L	108 DAYTONA ST	ECHO	TP
299 / 15	COASTAL CLEANERS	217 LABONTE STREET	DRYCLEANERS	TP
300 / 12	QUICK SHOP	5100 KATES BAY HWY	LUST, UST	TP
301 / 14	SCOTCHMAN 3118	510 HWY 544	LUST, UST, GWCI	TP
302 / 14	COASTAL CAROLINA UNI	100 CHANTICLEER DRIV	RCRA-VSQG	TP
303 / 13	CIRCLE K 2723881	3656 HWY 701 S	UST	TP
304 / 14	RUSSELL WISE	EDWARDS ROAD	ECHO	TP
BW305 / 14	CIRCLE K 2723225	669 HWY 544	LUST, UST, GWCI	TP
BW306 / 14	PANTRY INC	669 HIGHWAY 544	EDR Hist Auto	TP
307 / 14	JIFFY SHOP	695 HWY SC 544	LUST, UST, GWCI	TP
BX308 / 21	COASTAL CAROLINA UNI	301 ALLIED DR	ECHO	TP
BX309 / 21	COASTAL CAROLINA UNI	301 ALLIED DR	RCRA-SQG	TP
BX310 / 21	ALLIED MANUFACTURING	370 ALLIED DRIVE	ECHO	TP
BX311 / 21	PPM CRANES INCORPORA	370 ALLIED DRIVE	ECHO	TP
BX312 / 21	METGLAS INC	440 ALLIED DR	RCRA-SQG, ECHO	TP

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313 / 20	WEAVER COMPANY/COX F	825 W COX FERRY RD	ECHO	TP
314 / 21	GROVE MANUFACTURING	S.W. OF HWY 501 ACRO	SEMS-ARCHIVE	TP
315 / 20	WETLANDS (DR. ARTURO	932 COX FERRY CIRCLE	ECHO	TP
316 / 21	HORRY COUNTY SCHOOL	2205 HWY 501 W	LUST, UST	TP
317 / 17	D & L SITEWORK/CATES	PEE DEE HWY (SC-24)	ECHO	TP
318 / 18	FAY MARTINS GROCERY	6251 KATES BAY HWY	UST	TP
BY319 / 21	HD SUPPLY WATERWORKS	157 WINYAH RD	ECHO	TP
BY320 / 21	C R JACKSON INC CONW	154 WINYAH RD	ECHO	TP
321 / 21	MINUTEMAN FOOD MART	2230 HWY 501 W (CHUR	LUST, UST	TP
BZ322 / 21	SCHAFER DIST CO	140 WINYAH RD	UST	TP
CA323 / 21	LOWES OF CONWAY 1705	2301 E HIGHWAY 501	RCRA-SQG	TP
CA324 / 21	LOWES OF CONWAY 1705	2301 E HIGHWAY 501	ECHO	TP
BZ325 / 21	S&W CONWAY PLANT	130 WINYAH ROAD	ECHO	TP
BZ326 / 21	S&W READY MIX CONCRE	130 WINYAH RD	ECHO	TP
CB327 / 21	COASTAL CLEANERS	2278 HWY 501 E	ECHO	TP
CB328 / 21	COASTAL CLEANERS	2278 HWY 501 E	RCRA-VSQG	TP
CB329 / 21	COASTAL CLEANERS LLC	2278 E HIGHWAY 501	EDR Hist Cleaner	TP
CB330 / 21	FAMILY DOLLAR 7970	2294 EAST HWY 501	RCRA-VSQG, ECHO	TP
331 / 19	BRB CONSTRUCTION (MO	1999 PITCH LANDING R	ECHO	TP
332 / 21	SOUTHERN ASPHALT/EAG	SWITCH (OLD CCC) RD	ECHO	TP
CC333 / 21	COASTAL CONCRETE SOU	69 PEBBLE RD	ECHO	TP
CC334 / 21	COASTAL CONCRETE MYR	202 YEAGER DR	ECHO	TP
CC335 / 21	BONKLAN GLEN	202 YEAGER AVE	EDR Hist Auto	TP
336 / 21	SOUTHERN ASPHALT	229 YEAGER AVE	ECHO	TP
CD337 / 21	FOWLER MOTORS INC	2351 HWY 501	GWCI	TP
CD338 / 21	FOWLER MOTORS INCORP	2351 HWY 501	ECHO	TP
CD339 / 21	FOWLER MOTORS	2351 HWY 501	SEMS-ARCHIVE, RCRA-VSQG	TP
CE340 / 21	HADWIN WHITE PONTIAC	2325 HWY 501E	RCRA-VSQG	TP
CE341 / 21	HADWIN WHITE PONTIAC	2325 HWY 501 E	LUST, UST, GWCI	TP
CF342 / 21	76 AVE ASSOC	2330 HIGHWAY 501 E	EDR Hist Auto	TP
CF343 / 21	SCOTCHMAN 3133	2354 HWY 501 E	LUST, UST, GWCI	TP
CG344 / 21	COASTAL CAROLINA UNI	107 CITADEL DR	RCRA-VSQG	TP
CG345 / 21	COASTAL CAROLINA UNI	107 CITADEL DR	ECHO	TP
CG346 / 21	QUAIL CREEK GOLF CLU	107 CITADEL DR	LUST, UST	TP
CH347 / 21	TYSON SIGN COMPANY I	2487 HWY 501 E	ECHO	TP
CH348 / 21	TYSON SIGN COMPANY I	2487 HWY 501 E	RCRA-VSQG	TP
CI349 / 21	CONWAY MEDICAL CENTE	300 SINGLETON RIDGE	ECHO	TP
CI350 / 21	CONWAY MEDICAL CENTE	300 SINGLETON RIDGE	RCRA-SQG	TP
CI351 / 21	CONWAY MEDICAL CENTE	300 SINGLETON RIDGE	UST	TP

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352 / 21	COASTAL CAROLINA HOS	152 WACCAMAW MEDICAL	LUST, UST	TP
CJ353 / 21	SUN COAST MAZDA MITS	2515 HWY 501 E	RCRA-VSQG	TP
CJ354 / 21	SUN COAST MAZDA MITS	2515 HIGHWAY 501 EAS	ECHO	TP
355 / 17	COASTAL SAND LLC/BRU	DARLING LAKE RD	ECHO	TP
356 / 20	CIRCLE K 3187	1200 HWY 544	LUST, UST	TP
CK357 / 20	GRAND STRAND WATER &	166 JACKSON BLUFF RD	LUST, UST	TP
CK358 / 20	GRAND STRAND WATER &	166 JACKSON BLUFF RD	LUST, UST	TP
359 / 20	GRAND STRAND WATER A		SWF/LF	TP
360 / 20	COASTAL RECLAMATION		SWF/LF	TP
361 / 21	COASTAL REALTY & DEV	395 MYRTLE GREEN DR	ECHO	TP
362 / 21	MYRTLE BEACH GARAGE	305 B GARDNER LACY R	UST	TP
363 / 21	SANTEE COOPER	305 A GARDNER LACY R	UST	TP
364 / 21	AVX - AMERICAN GEAR	HWY 501	SHWS	TP
CL365 / 21	SANTEE COOPER MYRTLE	305C GARDNER LACY RD	RCRA-VSQG	TP
CL366 / 21	SANTEE COOPER MYRTLE	305C GARDNER LACY RD	ECHO	TP
CL367 / 21	SANTEE COOPER DIV TR	305 GARDENER LACY RO	RCRA-VSQG	TP
CL368 / 21	SANTEE COOPER DIVISI	305 GARDENER LACY RO	ECHO	TP
369 / 21	BURNING RIDGE GOLF C	500 BURNING RIDGE RD	LUST, UST	TP
370 / 20	SUN MART LLC	920 JACKSON BLUFF RD	EDR Hist Auto	TP
CM371 / 21	WOLVERINE BRASS INC	2951 HWY 501 E	CORRACTS, RCRA-TSDF, RCRA-LQG, GWCI	TP
CM372 / 21	WOLVERINE BRASS INC	2951 HWY 501 E	SHWS, ECHO	TP
373 / 20	CIRCLE K 2720908	1500 HWY 544	LUST, UST	TP
CN374 / 21	COASTAL CLEANERS	156 GARDNER LACY RD	SHWS, DRYCLEANERS	TP
CN375 / 21	WOLVERINE BRASS WORK	HWY 501 E	SEMS-ARCHIVE	TP
376 / 21	SCOTCHMAN 3029	3047 HWY 501 E	LUST, UST, GWCI	TP
CO377 / 21	CVS PHARMACY 7654	2996 E HWY 501	RCRA-VSQG	TP
CO378 / 21	CVS PHARMACY 7654	2996 E HWY 501	ECHO	TP
379 / 21	MYRTLE TRACE HOA	177 MYRTLE TRACE DR	ECHO	TP
380 / 21	JANICE CIRCLE MHP	8220 TIMBER RIDGE RD	ECHO	TP
CP381 / 21	GWS - WALMART 4664 -	151 MYRTLE RIDGE RD	ECHO	TP
CP382 / 21	WALMART SUPERCENTER	151 MYRTLE RIDGE RD	ECHO	TP
CP383 / 21	WALMART SUPERCENTER	151 MYRTLE RIDGE RD	RCRA-SQG	TP
CP384 / 21	MURPHY EXPRESS 8585	150 MYRTLE RIDGE RD	UST	TP
CQ385 / 21	CONBRACO INDUSTRIES	125 HIGHWAY 501 EAST	ECHO	TP
CQ386 / 21	CONBRACO INDUSTRIES	125 HWY 501 E	RCRA-LQG	TP
387 / 21	HADWIN WHITE PONT BU	6013 HIGHWAY 501 EAS	ECHO	TP
388 / 20	WALGREENS 17460	1905 HWY 544	RCRA-VSQG, ECHO	TP
CR389 / 17	WACCAMAW GROCERY	4823 PEE DEE HWY	UST	TP
CR390 / 17	STAMEY JERRY	4823 PEE DEE HWY	EDR Hist Auto	TP

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CR391 / 17	WACCAMAW GROCERY	4823 PEE DEE HWY	UST	TP
CR392 / 17	WACCAMAW GROCERY	4823 PEE DEE HWY	LUST, UST	TP
393 / 20	SPEEDWAY 4588	1931 HWY 544	LUST, UST	TP
394 / 20	SPEEDWAY 4588	1931 HWY 544	ECHO	TP
395 / 21	CONWAY CLEANERS	4012 POSTAL WAY STE	EDR Hist Cleaner	TP
396 / 21	SCOTCHMAN 3225	4101 POSTAL WAY	UST	TP
CS397 / 21	KROGER 0026-11	3735 RENEE DR	RCRA-VSQG, ECHO	TP
CS398 / 21	KROGER FUEL CENTER 0	3735 RENEE DR	UST	TP
CT399 / 21	SCOTCHMAN 3123	3774 RENEE DR	UST	TP
CT400 / 21	SCOTCHMAN 3123	3774 RENEE DR	LUST	TP
401 / 17	PAULEY SWAMP WELL RE	PEE DEE HWY AND PAUL	ECHO	TP
402 / 21	ASHFORD SUBDIVISION	OF US HWY 501 & PERR	ECHO	TP
403 / 22		607 KENT LN	CDL	TP
404 / 20		946 PEPPERWOOD DR	CDL	TP
405 / 21	SCOTCHMAN 3121	104 SEABORN DR	UST	TP
406 / 21	GANDER MOUNTAIN 330	1049 GLENFOREST	RCRA-VSQG, ECHO	TP
407 / 20	J A GROCERY	2290 HWY 544	LUST, UST	TP
408 / 20	HORRY COUNTY FIREWOR	SC 544 (4MILES S. OF	SEMS-ARCHIVE, SHWS	TP
409 / 17		4434 PEEDEE HWY	CDL	TP
CU410 / 27	CIRCLE K 2723071	4408 HWY 501	UST	TP
CU411 / 27	PANTRY INC	4408 HIGHWAY 501	EDR Hist Auto	TP
412 / 27	WACCAMAW BRICK	305 GREENLEAF CIR	LUST, UST	TP
CV413 / 27	CAR TUNE OF MYRTLE B	4361 HWY 501	EDR Hist Auto	TP
414 / 28	MYRTLE BEACH SPEEDWA	455 HOSPITALITY LN	LUST, UST	TP
CV415 / 27	TRUETTS AUTO COLLISI	4345 HWY 501	RCRA-VSQG, ECHO	TP
416 / 28	ADDYS HARBOR DODGE &	4340 HWY 501 W	RCRA-VSQG, ECHO	TP
417 / 28	APAC ATLANTIC INC MY	514 RONALD MCNAIR BL	ECHO	TP
418 / 26	CAVU INCORPORATED	105 UPPER MILL DRIVE	ECHO	TP
419 / 28	THOMPKINS C&D DUMP		SWF/LF	TP
420 / 28	GRAND STRAND NISSAN	4070 HWY 501	RCRA-VSQG, ECHO	TP
CW421 / 28	RICK SPARKS ENTERPRI	3930 HWY 501 WEST	RCRA-VSQG	TP
CW422 / 28	PANTRY 246	3904 US HWY 501	LUST, UST	TP
423 / 28	SHARPSHOOTER IMAGING	8901B BUSINESS 17	ECHO	TP
424 / 28	FAMILY DOLLAR 8335	3511 BELLE TERRE BLV	ECHO	TP
CX425 / 26	CVS PHARMACY 1140	101 FETLOCK DR	ECHO	TP
CX426 / 26	CVS PHARMACY 1140	101 FETLOCK DR	RCRA-VSQG	TP
427 / 26	A O HARDEE & SONS		SWF/LF	TP
CY428 / 28	CIRCLE K 2723064	3710 WACCAMAW BLVD	GWCI	TP
CY429 / 28	CIRCLE K 2723064	3710 WACCAMAW BLVD	LUST, UST	TP

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430 / 28	FORESTBROOK GROCERY	700 FORESTBROOK RD	EDR Hist Auto	TP
CZ431 / 26	SOCASTEE MINI MART	8545 HIGHWAY 544	EDR Hist Auto	TP
CZ432 / 26	EASY STOP GROCERY	8545 HWY 544	LUST, UST	TP
433 / 28	SUNCO POOL CO INC	116 APRIL GRAY LN	ECHO	TP
434 / 28	BP VENTURES LLC	617 WATERWAY VILLAGE	EDR Hist Auto	TP
435 / 28	LAPELS DRY CLEANING	492 RIVER OAKS DR	EDR Hist Cleaner	TP
DA436 / 28	NEXT MEDIA OUTDOOR	208 BUSH DR	RCRA-VSQG, ECHO	TP
DA437 / 28	GOLDEN STRAND BODY S	212 BUSH DRIVE WACCA	ECHO	TP
438 / 28	COASTAL PETRO LLC	595 BURCALE RD	UST	TP
DB439 / 28	SUN MART LLC	102 GEORGE BISHOP PK	EDR Hist Auto	TP
DB440 / 28	SUNHOUSE PETROLEUM #	102 GEORGE BISHOP PK	LUST, UST, GWCI	TP
441 / 28	CAROLINA ASSEMBLIES	311 WESLEY ST	ECHO	TP
442 / 28	COASTAL PAPER CO INC	182 SPENCER ST	ECHO	TP
443 / 28	FORESTBROOK REMOTE S	BURCALE RD	LUST, UST	TP
444 / 28	SUN GRAPHICS INC	340 WESLEY ST	ECHO	TP
445 / 28	EASYRIDERS OF MYRTLE	4019 HWY 501	ECHO	TP
DC446 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC447 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC448 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC449 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC450 / 28	UPS MYRTLE BEACH	200 GEORGE BISHOP PK	UST	TP
DC451 / 28	UPS MYRTLE BEACH	200 GEORGE BISHOP PK	LUST, UST	TP
DC452 / 28		200 GEORGE BISHOP BL	HMIRS	TP
DC453 / 28			HMIRS	TP
DC454 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC455 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC456 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC457 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC458 / 28	UNITED PARCEL SERVIC	200 GEORGE BISHOP PA	RCRA-VSQG, ECHO	TP
DC459 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC460 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC461 / 28	UNKNOWN	UNKNOWN	HMIRS	TP
DC462 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC463 / 28	UPS MYRTLE BEACH	200 GEORGE BISHOP PK	UST	TP
DC464 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC465 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC466 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC467 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DD468 / 27	FORESTBROOK GROCERY	1272 FORESTBROOK RD	EDR Hist Auto	TP

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DD469 / 27	FORESTBROOK GROCERY	1272 FORESTBROOK RD	LUST, UST	TP
470 / 28	WACCAMAW PAINT & BOD	150 WESLEY STREET	ECHO	TP
471 / 28	VILLAGE CREEK MOBILE	800 BURCALE RD	EDR Hist Auto	TP
472 / 28	CLEAN AIR INC	319 BUSH DR	RCRA-VSQG, ECHO	TP
473 / 28	STARWOOD INC	326 BUSH DR	UST	TP
474 / 28	RICK SPARTKS ENTERPR	3509 HIGHWAY 501 WES	ECHO	TP
475 / 28	WACCAMAW CLAY PRODUC	3000 WACCAMAW BLVD	RCRA-VSQG, ECHO	TP
476 / 27	ADAMS GULF SERVICE S	131 BROOKGATE DR	EDR Hist Auto	TP
477 / 28	WACCAMAW CONVENIENCE	311 GEORGE J BISHOP	LUST, UST	TP
478 / 28	GROUND GUNNERY & RAN		UXO	TP
479 / 28	RIVERWALK INN	101 FANTASY HARBOUR	UST	TP
DE480 / 29	TARGET STORE 0963	1150 SEABOARD ST	RCRA-LQG	TP
DE481 / 29	TARGET STORE 0963	1150 SEABOARD ST	ECHO	TP
482 / 28	QUALITY COLLISION	905 JASON BLVD	RCRA-VSQG, ECHO	TP
DF483 / 29	MINUTEMAN FOOD MART	1960 MR JOE WHITE AV	UST	TP
DF484 / 29	HESS CORPORATION	1960 10TH AVE N	EDR Hist Auto	TP
DF485 / 29	TIGER MART 14	1960 10TH AVE N	GWCI	TP
DF486 / 29	TIGER MART 14	1960 10TH AVE N	LUST, UST	TP
DG487 / 28	MYRTLE BEACH SECTION	2779 HWY 501	LUST, UST, GWCI	TP
DG488 / 28	SCDOT MYRTLE BEACH	2779 HWY 501	ECHO	TP
489 / 28	WACCAMAW POTTERY	HWY 501	UST	TP
DH490 / 28	NEIL JOHNSON BUICK G	922 FRONTAGE RD	LUST, UST	TP
491 / 28	WINDOW WORLD	131 CAUSEY STREET	ECHO	TP
DH492 / 28	HYATT BUICK GMC	922 FRONTAGE ROAD EA	ECHO	TP
DH493 / 28	HYATT BUICK GMC	922 FRONTAGE RD E	RCRA-VSQG	TP
DI494 / 29		1946 10TH AVENUE NOR	HMIRS	TP
DI495 / 29		1946 10TH AVENUE NOR	HMIRS	TP
DI496 / 29	SAMS CLUB 6353	1946 10TH AVE N	UST	TP
DI497 / 29	SAMS CLUB 6353	1946 10TH AVE N	RCRA-VSQG, ECHO	TP
498 / 28	BEACH FORD LINCOLN M	851 JASON BLVD	RCRA-VSQG, ECHO	TP
499 / 26	MYRTLE BEACH UST	7851 HWY 544	LUST, UST	TP
500 / 28	MERCHANTS TIRE & AUT	825 JASON BLVD	ECHO	TP
DJ501 / 28	MYRTLE BEACH CHRYSLE	785 JASON BLVD	RCRA-VSQG, ECHO	TP
DK502 / 29	SANTEE COOPER MB SUB	1935C 10TH AVE N	RCRA-VSQG	TP
DJ503 / 28	RICHBOURGS SALES & R	749 JASON BLVD	UST	TP
DJ504 / 28	RICHBOURGS SALES & R	749 JASON BLVD	RCRA-VSQG, ECHO	TP
DK505 / 29	MYRTLE BEACH OPERATI	1935 MR JOE WHITE AV	LUST, UST	TP
DL506 / 29	OLD POLICE STATION	10TH AVE N	LUST, UST	TP
DL507 / 29	OLD SHOP PUBLIC WORK	10TH AVE N	LUST, UST	TP

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DK508 / 29	SANTEE COOPER MB SUB	1935-C 10TH AVE N	ECHO	TP
DM509 / 26	HAKSIM INC DBA PEACH	7981 HWY 544	LUST, UST	TP
510 / 28	CONCRETE SUPPLY CO -	2231 HWY 643	ECHO	TP
DM511 / 26	MYRTLE BEACH BODY WO	HWY 544 & N LILAC RD	RCRA-VSQG	TP
DN512 / 29	CIRCLE K 2723221	1929 MR JOE WHITE AV	LUST, UST	TP
DN513 / 29	PANTRY 3221 DBA KANG	1929 10TH AVE N	GWCI	TP
DN514 / 29	PANTRY INC	1929 10TH AVE N	EDR Hist Auto	TP
DO515 / 29	CAYCE COMPANY INC	909 SEABOARD ST	LUST, UST	TP
DO516 / 29	ACS	909 SEABOARD INDUST	LUST, UST	TP
517 / 28	HD SUPPLY ELECTRICAL	170 JACOB LANE	ECHO	TP
DO518 / 29	PRIME EQUIPMENT #415	915 SEABOARD ST	ECHO	TP
DO519 / 29	RENTAL SERVICE CORP	915 SEABOARD ST	LUST, UST, GWCI	TP
520 / 28	MYRTLE BEACH SALES Y	US HWY 501	LUST, UST	TP
DP521 / 28	BRUCES AUTO REPR TRA	725 SEABOARD ST	EDR Hist Auto	TP
DP522 / 28	BAIDEN & ASSOCIATES	801 SEABOARD ST	ECHO	TP
523 / 28	CHAVIS VAN & STORAGE	800/802 SEABOARD ST	LUST, UST, GWCI	TP
524 / 29	GENERAL TELEPHONE OF	1900 10TH AVE	ECHO	TP
525 / 28	EQUIPMENT RENTAL & S	709 SEABOARD ST	UST	TP
526 / 27	NEW IMAGE UPHOLSTERY	2507 FRESTBROOK RD U	EDR Hist Cleaner	TP
527 / 28	HONDA DOCTOR	601 SEABOARD ST STE	EDR Hist Auto	TP
528 / 26	ROBERT O COLLINS/SOC	7600 HIGHWAY 544	ECHO	TP
DQ529 / 29	SPEEDWAY 4575	1845 MR JOE WHITE AV	ECHO	TP
DQ530 / 29	SPEEDWAY 4575	1845 MR JOE WHITE AV	RCRA-VSQG	TP
DQ531 / 29	SPEEDWAY 4575	1845 MR JOE WHITE AV	UST	TP
DR532 / 28	SANTEE COOPER MYRTLE	429 WATERSIDE DR	ECHO	TP
DR533 / 28	SANTEE COOPER MYRTLE	429 WATERSIDE DR	RCRA-SQG	TP
DR534 / 28	SANTEE COOPER MYRTLE	429 WATERSIDE DRIVE	LUST, UST	TP
535 / 28	TADS TRANSMISSION	485 PIEDMONT DR	EDR Hist Auto	TP
536 / 28	CIRCLE K STORES INC	2016 HIGHWAY 17 BYP	EDR Hist Auto	TP
537 / 28	EASTON INDUSTRIES	550 PIEDMONT AVE.	ECHO	TP
538 / 28	TIMMYS AUTOMOTIVE SA	600 SEABOARD ST	EDR Hist Auto	TP
539 / 28		2301 HWY 501	CDL	TP
540 / 28	HARPER PLUMBING	1607 EXECUTIVE AVE	LUST, UST	TP
DS541 / 29	SHERWIN WILLIAMS CO	1626 PLAZA PLACE	ECHO	TP
DS542 / 29	SHERWIN WILLIAMS CO	1626 PLAZA PLACE	RCRA-VSQG	TP
543 / 28	GENERAL ELECTRIC CO.	1620 STOCKHOLDER STR	RCRA-VSQG, ECHO	TP
DT544 / 28	COSTCO WHOLESALE 338	1021 OAK FOREST LN	UST	TP
DT545 / 28	COSTCO WHOLESALE 338	1021 OAK FOREST LN	ECHO	TP
DT546 / 28	COSTCO WHOLESALE 338	1021 OAK FOREST LN	RCRA-SQG	TP

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DU547 / 28	COBLE DAIRY MYRTLE B	HWY 501	LUST, UST	TP
DU548 / 28	NATIONAL TIRE & BATT	2075 HWY 501	ECHO	TP
DU549 / 28	NATIONAL TIRE & BATT	2075 HWY 501	RCRA-VSQG	TP
550 / 28	AVX CORP SEABOARD WA	1900 HWY 501 E	ECHO	TP
551 / 29	PRO CLEANERS LLC	1405 HEMINGWAY ST	EDR Hist Cleaner	TP
DV552 / 28	FEDERAL EXPRESS CORP	1600 STOCKHOLDERS AV	RCRA-VSQG	TP
DV553 / 28	FEDERAL EXPRESS CORP	1600 STOCKHOLDERS AV	ECHO	TP
DV554 / 28		1600 STOCKHOLDER	HMIRS	TP
DW555 / 28	HOME DEPOT 1116	951 OAK FOREST LN	RCRA-SQG	TP
DW556 / 28	THE HOME DEPOT 1116	951 OAK FOREST LN	ECHO	TP
DV557 / 28	KENSEAL CONSTRUCTION	1580 STOCKHOLDER AVE	ECHO	TP
558 / 24	HARRELSON CONSTRUCTI	2045 MINERAL SPRINGS	SHWS	TP
559 / 28	COBURG DAIRY INC	2110 HWY 501	LUST, UST	TP
560 / 28	NATIVE SONS	1346 ENTERPRISE AVE	RCRA-VSQG, ECHO	TP
561 / 28	ASPEN DENTAL	1209 N RETAIL CT	RCRA-VSQG, ECHO	TP
562 / 28	WALMART SUPERCENTER	540 SEABOARD ST	RCRA-VSQG	TP
563 / 28	COX MILLWORK & SUPPL	1350 COMMERCE PLACE	ECHO	TP
564 / 28	MURPHY USA 7618	865 OAK FOREST LN	UST	TP
565 / 26	ROBERT O COLLINS/FOR	7600 HWY 544	ECHO	TP
566 / 28	HYATT AUTOMOTIVE GRO	1953 HWY 501 WEST	ECHO	TP
567 / 29	MYRTLE BEACH CONVENT	21ST AVE N & OAK ST	LUST, UST	TP
DX568 / 28	CANTY ROGERS	3000 PIEDMONT AVE BL	RCRA-VSQG, ECHO	TP
DX569 / 28	THE BODY SHOP	3001 PIEDMONT AVE	RCRA-VSQG, ECHO	TP
570 / 28	SINGLE SOURCE INC	1306-B ENTERPRISE AV	ECHO	TP
571 / 28	PORTRAIT INNOVATIONS	1768 PINE ISLAND RD	ECHO	TP
572 / 29		1512 EXECUTIVE AVE	CDL	TP
573 / 28	BOSTAR BUILDING	1987 HWY 501	UST	TP
574 / 29	BADGER R BAZEN CO IN	1519 EXECUTIVE BLVD	LUST, UST, GWCI	TP
575 / 35	PERFORMANCE CHEVROLE	1887 HWY 501	ECHO	TP
DY576 / 36	F & G INC	2101 N KINGS HWY	EDR Hist Auto	TP
DY577 / 36	F&G INC	2101 N KINGS HWY	UST	TP
578 / 36	CAROLINA WATERWAY PL	1805 N OAK ST	ECHO	TP
DZ579 / 36	FAMILY DOLLAR 10	1105 NORTH KING HWY	RCRA-VSQG	TP
DZ580 / 36	FAMILY DOLLAR 10	1105 NORTH KING HWY	ECHO	TP
581 / 35	MYRTLE BEACH CHEVROL	1785 HWY 501	RCRA-VSQG	TP
582 / 35	NATIONAL COATINGS AN	633 ROBERT GRISSOM P	RCRA-VSQG, ECHO	TP
583 / 33	HAMMOND WOOD RECYCLI		SWF/LF	TP
584 / 35	QUALITY COLLSION	1560 HWY 501	RCRA-VSQG, ECHO	TP
EA585 / 35	CIRCLE K 2720909	1695 HWY 501 W	UST	TP

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EA586 / 35	PANTRY INC	1695 HIGHWAY 501	EDR Hist Auto	TP
587 / 36	ATLANTIS ASSOCIATION	400 20TH AVE N	UST	TP
EB588 / 33	M & J OVERTON INC	7010 HIGHWAY 544	EDR Hist Auto	TP
EB589 / 33	CASH & DASH	7010 HWY 544 NEAR SO	LUST, UST, GWCI	TP
EC590 / 35	AMERICAN CONCRETE PR	HWY 501	ECHO	TP
EC591 / 35	TRASH REMOVAL SERVIC	HIGHWAY 501	ECHO	TP
ED592 / 36	SOUTHERN COPYROLL	1201 MR JOE WHITE AV	ECHO	TP
ED593 / 36	STRAND LINEN INC	1201 TENTH AVE N	UST	TP
594 / 36	FOOD DEPOT	1101 TENTH AVE N	LUST, UST, GWCI	TP
EE595 / 36	SHERWIN WILLIAMS COM	1611 N KINGS HWY	ECHO	TP
596 / 35		29577 1559 CANNON RD	CDL	TP
EF597 / 36	501 AMOCO	1432 HWY 501	LUST, UST, GWCI	TP
EF598 / 36	WESS PHILLIP 66	1432 HW 501	EDR Hist Auto	TP
EE599 / 36	SNJ MARKET	1601 N KINGS HWY	UST	TP
EE600 / 36	SNJ MARKET	1601 N KINGS HWY	LUST, UST	TP
EE601 / 36	ADAMS GULF SERVICE S	1601 N KINGS HWY	EDR Hist Auto	TP
EF602 / 36	PANTRY 3226 DBA FOOD	1455 HWY 501	LUST, UST, GWCI	TP
EG603 / 36	J W S ENTERPRISES	1350 HIGHWAY 501	EDR Hist Auto	TP
EG604 / 36	PHOENIXX MART	1350 HWY 501	UST	TP
EF605 / 36	501 SHELL	HWY 501 & 3RD AVE	GWCI	TP
606 / 36	VERIZON MYRTLE BEACH	919 LUMBER ST	LUST, UST	TP
607 / 36	CIRCLE K CONVENIENCE	404 16TH AVE N	EDR Hist Auto	TP
608 / 36	AWS - KMART 3817	1403 NORTH KINGS HIG	ECHO	TP
609 / 36	PANTRY 248	1213 THIRD AVE S	LUST, UST	TP
610 / 36		800 CANAL ST	CDL	TP
611 / 35	AMERICAN TOWER CORPO	1455 CANNON ROAD	ECHO	TP
612 / 36		12TH AVE N AND OAK S	CDL	TP
EH613 / 36	MAACO COLLISION REPA	RTE 501	ECHO	TP
614 / 36	BETTER BRANDS INC	908 JACKSON ST	LUST, UST, GWCI	TP
EH615 / 36	ROPADEN ENTERPRISES	1297 HIGHWAY 501	EDR Hist Auto	TP
EI616 / 36	MISS KITTYS INC	1379 THIRD AVE S	LUST, UST, GWCI	TP
EI617 / 36	DUNES CYCLE MISS KIT	1379 3RD AVE S	UST	TP
618 / 36	PAVILION WAREHOUSE N	811 10TH AVE N	ECHO	TP
619 / 33		5838 BEAR LANE	CDL	TP
620 / 36	MYRTLE BEACH SC4110	901 LUMBER ST	UST	TP
621 / 36	MYRTLE BEACH CITY OF	1101 OAK ST	LUST, UST	TP
622 / 36	NU WAY LAUNDRY	1012 8TH AVE N	UST	TP
EJ623 / 36	FOOD LION 1202	1009 HWY 501	ECHO	TP
624 / 36	MYRTLE BEACH CITY OF	10TH AVE N & OAK ST	LUST, UST	TP

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EJ625 / 36	LONG JAMES C	HWY 501 & 3RD AVE	EDR Hist Auto	TP
EK626 / 36	SCOTT CARS OF MYRTLE	1251 HWY 501	LUST, UST	TP
EK627 / 36	ADDYS HARBOR IMPORTS	1251 HIGHWAY 501	ECHO	TP
628 / 36	PANTRY INC	1217 3RD AVE S	EDR Hist Auto	TP
629 / 35	ARNOLD’S POOLS, INC.	1390 CANNON RD	ECHO	TP
630 / 36	MARTIN ARCHIE L	913 8TH AVE NORTH HW	EDR Hist Auto	TP
631 / 36	ALLENS FOOD BASKET	1012A HWY 501	LUST, UST	TP
632 / 36	DARGAN CONSTRUCTION	900 8TH AVE N	LUST, UST, GWCI	TP
EL633 / 36	CIRCLE K STORES INC	1100 N KINGS HWY	EDR Hist Auto	TP
EM634 / 36	JIM SMITH CHRYSLER P	1004 HWY 501	LUST, UST	TP
635 / 36	YACHTSMAN RESORT	1400 N OCEAN BLVD	LUST, UST	TP
EM636 / 36	BUTCH JONES INC	HWY 501 EAST & CEDAR	RCRA-VSQG	TP
EM637 / 36	BUTCH JONES INCORPOR	HIGHWAY 501 EAST & C	ECHO	TP
638 / 36	CHAPIN CO	904 OAK	EDR Hist Auto	TP
EL639 / 36	CIRCLE K 2708111	1101 N KINGS HWY	LUST, UST	TP
EL640 / 36	CIRCLE K STORES INC	1101 N KINGS HWY	EDR Hist Auto	TP
641 / 33	MINUTEMAN FOOD MART	4100 PINE HOLLOW RD	UST	TP
EN642 / 34	HAGUE MARINA	3675 HAGUE DRIVE	SEMS	TP
EN643 / 34	HAGUE MARINA	3675 HAGUE DR	SHWS	TP
EO644 / 36	A & I CORPORATION	925 BROADWAY EXT	EDR Hist Cleaner	TP
645 / 33	D&S RECYCLING LLC		SWF/LF	TP
EO646 / 36	DANNYS CLEANERS	917 BROADWAY EXT	EDR Hist Cleaner	TP
647 / 36	CAROLINA BREEZE APAR	100 CEDAR STREET	ECHO	TP
648 / 36	NOLAND CO	711 NINTH AVE N	UST	TP
649 / 36	CHAPIN SERVICE STATI	901 OAK ST	LUST, UST, GWCI	TP
EP650 / 36	MARYLAND FRIED CHICK	939 N KINGS HWY	ECHO	TP
EP651 / 36	MARYLAND FRIED CHICK	939 N KING HWY	LUST, UST	TP
EQ652 / 36	PAMS CORNER INC	934 HWY 501	LUST, UST, GWCI	TP
EQ653 / 36	PAMS AMOCO	934 HWY 501	EDR Hist Auto	TP
654 / 34	OASIS FUEL & BEVERAG	727 OAK ST	EDR Hist Auto	TP
EQ655 / 36	BALSAM KWIKI LUBE	930 HWY 501	LUST, UST	TP
656 / 35	EASTON INDUSTRIES LT	HWY 17 BYPAS	ECHO	TP
657 / 34	WALMART SUPERCENTER	625B PINE ISLAND RD	ECHO	TP
ER658 / 35	HD SUPPLY WATERWORKS	2675 HWY 17 BYPASS S	ECHO	TP
ER659 / 35	HD SUPPLY WATERWORKS	2675 HWY 17 BYPASS S	RCRA-VSQG	TP
660 / 36	FOUR SEASONS SCREEN	511 9TH AVENUE N	ECHO	TP
661 / 36	HUSSEY MOTORS	702 ALDER STREET	RCRA-VSQG, ECHO	TP
662 / 35	SWAMP FOR MOOSE LEGI	521 HOLLY DR	EDR Hist Auto	TP
ES663 / 36	RAMSEY COMPANY	703 EIGHTH AVE NORTH	UST	TP

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664 / 34	HAGUE MARINA	1 HAGUE DRIVE	ECHO	TP
ES665 / 36	NU-WAY LAUNDRY INC	725 BROADWAY EXT	EDR Hist Cleaner	TP
ET666 / 36	GENERAL TELEPHONE OF	914 CHESTER ST	UST	TP
ET667 / 36	VERIZON MYRTLE BEACH	914 CHESTER ST	LUST, UST	TP
668 / 36	FLATIRON BLDG & AJAC	HWY 17 S & BROADWAY	LUST, UST	TP
ES669 / 36	NASH OIL CO INC	728 BROADWAY ST	EDR Hist Auto	TP
ES670 / 36	5 POINTS GAS & CONV	728 BROADWAY ST	LUST, UST	TP
EU671 / 36	BRATCHER GROUP THE	717 BROADWAY ST	EDR Hist Auto	TP
ES672 / 36	OASIS FUEL & BEVERAG	727 N OAK ST	EDR Hist Auto	TP
EV673 / 36	FORMER AMOCO MARY WI	515 HWY 501	UST	TP
EV674 / 36	SAILING AND SKI CONN	515 HWY 501	LUST, UST, GWCI	TP
EV675 / 36	ED RICKS 501 AMERICA	515 HWY 501	EDR Hist Auto	TP
676 / 36	COASTAL CARS INC	1114 3RD AVENUE SOUT	ECHO	TP
677 / 36	CHRIS YAHNIS COASTAL	851 BROADWAY	LUST, UST, GWCI	TP
EU678 / 36	BRATCHER GROUP THE	717 BROADWAY	EDR Hist Auto	TP
EU679 / 36	501 ENTRY PARK	717 E BROADWAY	GWCI	TP
EW680 / 36	NATIONAL LINEN	725 BROADWAY	SHWS	TP
EW681 / 36	NU-WAY LAUNDRY INC	725 BROADWAY	EDR Hist Cleaner	TP
EW682 / 36	FMR ROYAL CLEANERS	725 BROADWAY	DRYCLEANERS	TP
EU683 / 36	GRAHAMS ESSO SERVICE	702 BROADWAY ST	EDR Hist Auto	TP
EW684 / 36	ROYAL CLEANERS	612 BROADWAY	RCRA-SQG, SHWS, ECHO, DRYCLEANERS	TP
EW685 / 36	ROYAL CLEANERS MYRTL	612-14 BROADWAY	EDR Hist Cleaner	TP
686 / 36	MYRTLE BEACH CLEANER	612 BROADWAY ST	EDR Hist Cleaner	TP
687 / 35		1359 CANNON RD	CDL	TP
688 / 36	HUMMINGBIRD SITE	800 N KINGS HWY	LUST, UST	TP
EX689 / 34	PEE DEE CONV	6409 FORESTBROOK DR	GWCI	TP
690 / 33	GRAVES ENTERPRISES I	132 LEISURE LN	ECHO	TP
EX691 / 34	CIRCLE K 2723063	6356 OLD HWY 544	GWCI	TP
692 / 34	OCEAN GROCERY	6409 DICK POND RD	LUST, UST	TP
693 / 36	MONTICELLO ONE HOUR	534 W BROADWAY ST 10	EDR Hist Cleaner	TP
694 / 36	UNITED BODY SHOP	315 BROADWAY	RCRA-VSQG, ECHO	TP
EY695 / 36	SCOTCHMAN 64	1001 3RD AVE S & BOA	GWCI	TP
EY696 / 36	SCOTCHMAN 3064	1101 3RD AVE S	LUST, UST	TP
EZ697 / 34	CIRCLE K 2723063	6326 DICK POND RD	LUST, UST	TP
EZ698 / 34	PANTRY INC	6326 DICK POND RD	EDR Hist Auto	TP
699 / 36	DON L MORSE CO INC	400 W BROADWAY	UST	TP
700 / 36	ENGINE SHOP GARAGE	903 TODD ST	EDR Hist Auto	TP
FA701 / 36	BOB BIBLE HONDA/BMW	1100 3RD AVE S	LUST, UST, GWCI	TP
FA702 / 36	BOB BIBLE HONDA ISUZ	1100 3RD AVE S	ECHO	TP

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FA703 / 36	BOB BIBLE HONDA ISUZ	1100 3RD AVE SOUTH	RCRA-VSQG	TP
704 / 36	PARTY TIME FOODS	217 W BROADWAY	EDR Hist Auto	TP
705 / 32	BUCKSPORT GROCERY	8150 HIGHWAY 701 S	EDR Hist Auto	TP
FB706 / 36	FIRESTONE STORE 0578	613 N KINGS HWY	UST	TP
FB707 / 36	SCOTCHMAN 137	600 N KINGS HWY	LUST, UST	TP
FB708 / 36	EDS SUNOCO SERVICE	600 N KINGS HWY	EDR Hist Auto	TP
FB709 / 36	SAVEMART	600 N KINGS HWY	UST	TP
FC710 / 36	CIRCLE K 2720479	1009 3RD AVE S	LUST, UST	TP
FC711 / 36	PANTRY INC	1009 3RD AVE S	EDR Hist Auto	TP
712 / 36	A-1 TRANSMISSION	307 HIGHWAY 15	EDR Hist Auto	TP
713 / 34	ROBERT O. COLLINS CO		SWF/LF	TP
FB714 / 36	USPS MYRTLE BEACH	512 N KINGS HWY	LUST, UST	TP
715 / 35	TODDS GROCERY	1500 HWY 15	UST	TP
716 / 35	BAUSCH LINNEMANN NOR	1175 HARRELSON BLVD	RCRA-SQG, ECHO	TP
FD717 / 35	TOWN & COUNTRY GROCE	1 PARK DRIVE	EDR Hist Auto	TP
FD718 / 35	SQUIRE CORNER CAFE	1 PARK DR	LUST, UST	TP
719 / 35	COASTAL SAVERS	900 HWY 15	LUST, UST, GWCI	TP
720 / 36	SURFSIDE EXXON	501 N KINGS HWY	EDR Hist Auto	TP
FE721 / 36		609 4TH AVE N	CDL	TP
FF722 / 36	DISCOUNT TIRE CENTER	1002 3RD AVE S	EDR Hist Auto	TP
FE723 / 36		603 4TH AVE N	CDL	TP
FF724 / 36	3RD AVENUE AUTO SALE	1000 3RD AVE S	EDR Hist Auto	TP
725 / 36		608 N OCEAN BLVD	CDL	TP
726 / 36		211 NORTH MYRTLE ST	CDL	TP
727 / 35	CIRCLE K STORES INC	2903 HIGHWAY 17 BYP	EDR Hist Auto	TP
728 / 35	POSTEC RECYCLING, IN		SWF/LF	TP
729 / 35		5TH AVE & SWANN CV	CDL	TP
730 / 36	GROVE RECREATIONS IN	HWY 544	ECHO	TP
FG731 / 35	CENAMA INC	1202 PORT DR	EDR Hist Auto	TP
FG732 / 35	SCOTCHMAN 3060	1202 PORT DR	LUST, UST, GWCI	TP
FH733 / 36	MYRTLE BEACH TEXACO	101 N KINGS HWY	EDR Hist Auto	TP
FH734 / 36	CIRCLE K CORPORATION	110 N KINGS HWY	EDR Hist Auto	TP
735 / 34	FAMILY DOLLAR #3972	4226 SOCASTEE BLVD	RCRA-VSQG, ECHO	TP
FH736 / 36	SIXTY MINIT MART INC	102 N KINGS HWY	EDR Hist Auto	TP
FH737 / 36	MINIT MART OF MYRTLE	100 N KINGS HWY	EDR Hist Auto	TP
FH738 / 36	VACANT LOT	100 N KINGS HWY	LUST, UST	TP
739 / 34	BRANTS LANDING	5835 DOCK POND RD	GWCI	TP
740 / 35	AVIS	MYRTLE BEACH JETPORT	LUST, UST	TP
741 / 34	SOCASTEE SEAFOOD SHA	4000 HWY 707	LUST, UST, GWCI	TP

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742 / 34	W G TURBEVILLE GROCE	SC HWY 707	GWCI	TP
743 / 34	GALAXY VIDEO	3624 SOCASTEE BLVD	LUST, UST, GWCI	TP
744 / 34	KNH FOOD MART	3940 SOCASTEE BLVD	LUST, UST, GWCI	TP
745 / 36	GAS WORLD SELF SERVI	501 2ND AVE S	EDR Hist Auto	TP
FI746 / 34	PANTRY 424	3400 SOCASTEE BLVD	LUST, UST	TP
FI747 / 34	PANTRY INC	3400 SOCASTEE BLVD	EDR Hist Auto	TP
748 / 34	W G TURBEVILLE GROCE	3530 NORTHGATE DR	LUST, UST	TP
749 / 35	MYRTLE BEACH JETPORT	HWY 15	UST	TP
FI750 / 34	CVS PHARMACY 1540	3411 SOCASTEE BLVD	ECHO	TP
FI751 / 34	CVS PHARMACY 1540	3411 SOCASTEE BLVD	RCRA-VSQG	TP
752 / 34	SOCASTEE AUTOMOTIVE	3809 SOCASTEE BLVD	LUST, UST	TP
753 / 34		5543 ROSEWOOD DRIVE	CDL	TP
FJ754 / 34	H H J INC	3500 NORTHGATE DR	EDR Hist Auto	TP
FK755 / 34	PANTRY INC	4481 SOCASTEE BLVD	EDR Hist Auto	TP
FK756 / 34	CIRCLE K 2723073	4481 SOCASTEE BLVD	LUST, UST	TP
FL757 / 36	SCOTCHMAN 3253	501 3RD AVE S	LUST, UST	TP
FL758 / 36	WORSLEY COMPANIES IN	501 3RD AVE S	EDR Hist Auto	TP
FL759 / 36	SCOTCHMAN 253	301 3RD AVE S	GWCI	TP
FJ760 / 34	NORTHGATE CLEANERS F	3578 NORTHGATE BLVD	SHWS, DRYCLEANERS	TP
FL761 / 36	MARKET EXPRESS - S K	211 S KINGS HWY	LUST, UST	TP
FM762 / 34	PANTRY 3060 DBA QUIC	4570 SOCASTEE BLVD	GWCI	TP
FM763 / 34	PANTRY INC	4570 SOCASTEE BLVD	EDR Hist Auto	TP
FM764 / 34	CIRCLE K 2723060	4570 SOCASTEE BLVD	LUST, UST	TP
FL765 / 36	LEES DISCOUNT TIRE C	300 S KINGS HWY	EDR Hist Auto	TP
FL766 / 36	EXXON LOCATION 4 309	316 S KINGS HWY	ECHO	TP
FL767 / 36	SUN FUN EXXON	316 S KINGS HWY	EDR Hist Auto	TP
768 / 34	CYPRESS PARK MART	HWY 544	LUST, UST, GWCI	TP
769 / 33	CREEKSIDE CLEANERS D	5861 CREEKSIDE DR	EDR Hist Cleaner	TP
770 / 36	CVS PHARMACY 7386	512 S KING HWY	ECHO	TP
FN771 / 34	WALGREENS 17258	5001 SOCASTEE BLVD	RCRA-VSQG	TP
FN772 / 34	WALGREENS 17258	5001 SOCASTEE BLVD	ECHO	TP
FN773 / 34	BRANTS LANDING	5835 DOCK POND RD	LUST, UST	TP
FO774 / 34	WORSLEY COMPANIES IN	5010 SOCASTEE BLVD	EDR Hist Auto	TP
FO775 / 34	SUNHOUSE 24	5010 SOCASTEE BLVD	LUST, UST, GWCI	TP
776 / 36	FAMILY KINGDOM INC	300 4TH AVE S	ECHO	TP
777 / 34	BRAVE VILLAGE SHOPPI	5429 DICK POND RD	LUST, UST, GWCI	TP
778 / 36	AIRBRUSH 66 2	211 S OCEAN BLVD	EDR Hist Auto	TP
779 / 34	MYRTLE BEACH FUNERAL	4505 HWY 17 BYP S	ECHO	TP
FP780 / 34	NORTHGATE CLEANERS	3578 HWY 17 BYPASS S	ECHO	TP

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MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
FP781 / 34	NORTHGATE CLEANERS	3578 HWY 17 BYPASS S	RCRA-VSQG	TP
782 / 36	SPIVEY SOUTH PUMPING	5TH AVE S & YAUPON D	UST	TP
FQ783 / 34	FOOD LION 289	5413 DICK POND RD	ECHO	TP
FQ784 / 34	REGAL CLEANERS	5401 DICK POND ROAD	DRYCLEANERS	TP
FQ785 / 34	REGAL CLEANERS	5401 DICK POND RD	EDR Hist Cleaner	TP
786 / 36	FUN SPOT ACTION PARK	500 S OCEAN BLVD	LUST, UST	TP
FR787 / 34	REGAL CLEANERS & LAU	5401 HWY 544	RCRA-VSQG, ECHO	TP
FR788 / 34	REGAL CLEANERS	5401 HWY 544 BRAVES	SHWS	TP
FS789 / 36	MYRTLE BEACH CLEANER	801 SOUTH KING HWY	ECHO	TP
790 / 35	NILSON VAN & STORAGE	600 11TH AVE S	UST	TP
FT791 / 35	TSA AT MYRTLE BEACH	1100 JETPORT RD	RCRA-SQG	TP
FT792 / 35	MYRTLE BEACH INTERNA	1100 JETPORT ROAD	ECHO	TP
FT793 / 35	ALLEGIANT AIR	1100 JETPORT RD TERM	ECHO	TP
FT794 / 35	ALLEGIANT AIR	1100 JETPORT RD TERM	RCRA-VSQG	TP
FT795 / 35	BUDGET RENT A CAR	1100 JET PORT RD	LUST	TP
FT796 / 35	TSA AT MYRTLE BEACH	1100 JETPORT RD	ECHO	TP
FT797 / 35	BUDGET RENT A CAR	1100 JET PORT RD	UST	TP
FT798 / 35	HERTZ RENT A CAR	1100 JET PORT RD	LUST	TP
FT799 / 35	ALLEGA ASPHALT PAVIN	1100 JETPORT RD	ECHO	TP
FS800 / 36	FMR DRYCLEAN USA COA	801 S KINGS HWY	SHWS	TP
FS801 / 36	FMR DRYCLEAN USA COA	801 SOUTH KINGS HWY	DRYCLEANERS	TP
FS802 / 36	THREE G CORP	801 S KINGS HGWY	EDR Hist Cleaner	TP
FU803 / 35	AVX CORPORATION MYRT	17TH AVENUE, SOUTH	SHWS, GWCI	TP
FU804 / 35	AVX CORP/MYRTLE BEAC	801 17TH AVE S	ECHO	TP
FU805 / 35	AVX CORPORATION	17TH AVENUE, SOUTH	SEMS-ARCHIVE, RCRA-LQG	TP
806 / 36	MYRTLEWOOD APARTMENT	407-407A 8TH AVE S	EDR Hist Cleaner	TP
807 / 36	BEST & HESS	903 S KINGS HWY	EDR Hist Auto	TP
FV808 / 36	SPEEDWAY 2840	900 S KINGS HWY	ECHO	TP
FV809 / 36	SPEEDWAY 2840	900 S KINGS HWY	UST	TP
FV810 / 36	SPEEDWAY 2840	900 S KINGS HWY	UST	TP
FV811 / 36	BEST HESS	900 S KINGS HWY	EDR Hist Auto	TP
812 / 33	OSPREY MARINA RCEVE	8400 OSPREY RD	UST	TP
813 / 34		DICK POND RD & STRAN	CDL	TP
FW814 / 36	PORT OIL #5	1101 S KINGS HWY	EDR Hist Auto	TP
FW815 / 36	PORT UNIT 205	1101 S KINGS HWY	LUST, UST, GWCI	TP
816 / 34	GRAND STRAND WATER &	HWY 707 AT RECREATIO	LUST, UST	TP
FX817 / 34	GRAB N GO	3800 PALMETTO POINTE	UST	TP
FX818 / 34	GRAB N GO	3800 PALMETTO POINTE	EDR Hist Auto	TP
819 / 35	NATIONAL CAR RENTAL	MYRTLE BEACH CIVIL J	LUST, UST	TP

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820 / 34	SOCASTEE SCHOOL BUS	5100 LAFON LN	UST	TP
821 / 36	CORAL BEACH OCEANFRO	1105 S OCEAN BLVD	LUST, UST	TP
FY822 / 35	PANTRY 3065	1350 S KINGS HWY	GWCI	TP
823 / 34	FAMILY DOLLAR 3972	5029 DICK POND RD	ECHO	TP
824 / 34	HD BUILDER SOLUTIONS	165 CO OP RD	ECHO	TP
825 / 31	CARRIS R CRIBB SITE	8911 HWY 701 S	LUST, UST, GWCI	TP
826 / 33	THOMPKINS MHP	6308 ENTERPRISE RD	ECHO	TP
FY827 / 35	PANTRY INC	1405 S KINGS HWY 324	EDR Hist Auto	TP
FY828 / 35	CIRCLE K 2723241	1405 S KINGS HWY	LUST, UST	TP
829 / 35	FORMER LEE MOORE CON	1500 S KINGS HWY	UST	TP
830 / 34	REFUEL 51	6151 HWY 707	UST	TP
FZ831 / 34	TECHNO CLEANERS	5023 DICK POND RD UN	SHWS, DRYCLEANERS	TP
FZ832 / 34	TECHNO CLEANERS	5023 DICK POND RD	EDR Hist Cleaner	TP
833 / 34	PALMETTO GLEN HOA	274 TIBTON CIR	ECHO	TP
834 / 35	SURFSIDE CLEANERS	1605 S KINGS HWY	EDR Hist Cleaner	TP
FZ835 / 34	ROYAL CLEANERS & LAU	5022 DICK POND RD	EDR Hist Cleaner	TP
GA836 / 35	SCARNG MYRTLE BEACH	501 19TH AVE S	ECHO	TP
GA837 / 35	SCARNG MYRTLE BEACH	501 19TH AVE SOUTH	RCRA-VSQG	TP
GB838 / 35	SCOTCHMAN 3106	1700 S KINGS HWY	LUST, UST, GWCI	TP
GB839 / 35	LANES AUTO SERVICE	1700 S KINGS HWY	EDR Hist Auto	TP
GC840 / 35	KARETAS H A COMPANY	1611 SOUTH KINGS HIG	EDR Hist Auto	TP
GC841 / 35	CIRCLE K 8112	1611 S KINGS HWY	LUST, UST, GWCI	TP
GB842 / 35	WALMART NEIGHBORHOOD	1705 S KINGS HWY	ECHO	TP
GB843 / 35	WALMART NEIGHBORHOOD	1705 S KINGS HWY	RCRA-VSQG	TP
GD844 / 34	HESS CORPORATION	6222 HIGHWAY 707	EDR Hist Auto	TP
GD845 / 34	SPEEDWAY 4591	6222 HWY 707	UST	TP
GD846 / 34	SPEEDWAY 4591	6222 HWY 707	RCRA-VSQG	TP
GD847 / 34	SPEEDWAY 4591	6222 HWY 707	ECHO	TP
GB848 / 35	WALMART NEIGHBORHOOD	1701 S KINGS HWY	UST	TP
849 / 35	MUNITIONS DISPOSAL P	AFRPA/COO-MYRTLE BEA	UXO	TP
850 / 35	MYRTLE CINEMA 10 PRO	1804 S KINGS HWY	SHWS, LUST, UST, GWCI	TP
851 / 33	C. OWENS & SON INC.		SWF/LF	TP
852 / 35	3RD STREET UXO AOC	AFRPA/COO-MYRTLE BEA	UXO	TP
853 / 35	NASH OIL CO INC	400 17TH AVE S APT J	EDR Hist Auto	TP
854 / 35	PALACE HOMEOWNERS AS	1605 S OCEAN BLVD	LUST, UST	TP
855 / 35	WHITHERS PRESERVE	1600 FARROW PKWY	SHWS	TP
856 / 35	MARKET COMMONS RESID	3466 PHILLIS BLVD	SHWS	TP
857 / 35	SUMMERS CONCRETE CON	RADAR RD MYRTLE BEAC	ECHO	TP
GE858 / 31	SUNOCO	9150 HIGHWAY 701 S	EDR Hist Auto	TP

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GE859 / 31	PEE DEE GROCERY	9150 HWY 701 S	LUST, UST	TP
GF860 / 35	PRESCOTT SUPPORT	1154 AIRDROME AVE HA	RCRA-VSQG	TP
GF861 / 35	PRESCOTT SUPPORT	1154 AIRDROME AVE HA	ECHO	TP
862 / 35		1900 SOUTH OCEAN BLV	CDL	TP
GG863 / 34	PANTRY INC	4625 DICK POND RD	EDR Hist Auto	TP
GG864 / 34	PANTRY 819	4625 DICK POND RD	LUST, UST	TP
865 / 35	BLUEWATER RESORT & V	2001 S OCEAN BLVD	LUST, UST	TP
GH866 / 35	USAF AFRPA MYRTLE BE	1048 AERODROME BLVD	CORRACTS, RCRA-TSDF, RCRA-VSQG, SHWS, GW...	TP
GH867 / 35	USAF MYRTLE BEACH AF	HWY 17	SEMS-ARCHIVE, ECHO	TP
GI868 / 35	USAF MYRTLE BEACH AF	N PATROL RD	SHWS	TP
GI869 / 35	USAF AEROSPACE GROUN	JCT AVE B & 2ND ST	SEMS-ARCHIVE, SHWS	TP
870 / 35		2010 S. OCEAN BLVD	CDL	TP
GH871 / 35	MYRTLE BEACH POLICE	3340 MUSTANG ST	RCRA-VSQG, ECHO	TP
GJ872 / 35	FLIGHT INTERNATIONAL	3301 MUSTANG ST	ECHO	TP
GJ873 / 35	AVCRAFT SUPPORT SERV	3301 MUSTANG SERVICE	RCRA-SQG	TP
GJ874 / 35	AVCRAFT SUPPORT SERV	3301 MUSTANG SERVICE	ECHO	TP
GK875 / 35	EXPRESS MART	2620 SOUTH KINGS HWY	EDR Hist Auto	TP
GK876 / 35	EXPRESS MART	2620 S KINGS HWY	LUST, UST	TP
877 / 35	MARKET COMMONS MEYER	961 MEYERS AVE	SHWS	TP
878 / 35	RED ROOF INN	2801 S KINGS HWY	UST	TP
879 / 35		2608 S OCEAN BLVD	CDL	TP
880 / 33	ASHE CLEANERS INC	8825 SHADY BRANCH RD	EDR Hist Cleaner	TP
881 / 35	MYRTLE BEACH GRAND P	3201 HWY 17 S	LUST, UST, GWCI	TP
GL882 / 35	COX JERRY COMPANY	3211 S KINGS HWY	EDR Hist Auto	TP
GL883 / 35	JERRY COX CO	3211 S KINGS HWY HWY	GWCI	TP
GL884 / 35	SCOTCHMAN 53	3211 S KINGS HWY	LUST, UST	TP
GM885 / 34	UNICON TRI COUNTY IN	2511 BIG BLOCK RD	UST	TP
GM886 / 34	SRM MYRTLE BEACH PLA	2511 BIG BLOCK ROAD	ECHO	TP
GM887 / 34	ADAMS PRODUCTS - MYR	2517 BIG BLOCK RD	ECHO	TP
888 / 35	THOMAS AIRPORT EXXON	3350 S KINGS HIGHWAY	EDR Hist Auto	TP
GN889 / 35	CIRCLE K STORES INC	3301 S KINGS HWY	EDR Hist Auto	TP
GN890 / 35	CIRCLE K 5049	3301 S KINGS HWY	LUST, UST	TP
891 / 35	PATSEL INC	3802 SOUTH KINGS HWY	EDR Hist Auto	TP
892 / 41	BOLTON BRITE WAY CLE	3901 S KINGS HWY	EDR Hist Cleaner	TP
GO893 / 40	TARGET STORE 2742	140 SAYEBROOK PKWY	RCRA-LQG	TP
GO894 / 40	TARGET STORE 2742	140 SAYEBROOK PKWY	ECHO	TP
895 / 41	FOOD LION 427	3890 SOUTH KINGS HWY	ECHO	TP
GP896 / 40	SCOTCHMAN 3222	100 N STRAND PKWY	UST	TP
GP897 / 40	SUNWAY CHARTERS	3050 DICK POND RD	UST	TP

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898 / 40	BIG CONCRETE SUPPLY	SC 544 & US 17 BYPAS	LUST, UST	TP
899 / 38	BUCKSPORT MARINA	135 BUCKSPORT RD	LUST, UST	TP
900 / 38	GSW&SA/BUCKSPORT WWT	8052 TREATMENT RD	ECHO	TP
901 / 41	MYRTLE BEACH STATE P	4401 S KINGS HWY	UST	TP
902 / 40	PRESTWICK LIMITED PA	2500 PRESTWICK CLUB	UST	TP
903 / 40	SPEEDWAY 4586	2625 DICK POND RD	LUST, UST	TP
904 / 40	RITE AID #11632	2701 DICK POND ROAD	ECHO	TP
905 / 39		6454 SWEET GUM TRAIL	CDL	TP
906 / 41	MYRTLE BEACH HARLEY	4710 S KINGS HWY	RCRA-VSQG, ECHO	TP
GQ907 / 40	SPEEDWAY 4586	2355 DICK POND RD	ECHO	TP
GQ908 / 40	HESS CORPORATION	2355 DICK POND RD	EDR Hist Auto	TP
GQ909 / 40	SPEEDWAY 4586	2355 DICK POND RD	RCRA-VSQG	TP
GR910 / 40	WALMART SUPERCENTER	2751 BEAVER RUN BLVD	RCRA-SQG, ECHO	TP
GR911 / 40	MURPHY USA 7228	2751 BEAVER RUN BLVD	UST	TP
GS912 / 40	PHOENIX 70	2301 DICK POND RD	LUST, UST	TP
GS913 / 40	PANTRY INC	2301 DICK POND RD	EDR Hist Auto	TP
GT914 / 40	LOWES OF S MYRTLE BE	8672 HWY 17 BYPASS	RCRA-SQG	TP
GT915 / 40	LOWES OF S MYRTLE BE	8672 HWY 17 BYPASS	ECHO	TP
916 / 40	MELS DRY CLG PICK UP	1373 ROYAL DEVON DR	EDR Hist Cleaner	TP
917 / 39	HOT SPOT 2031	8496 HWY 707	UST	TP
918 / 40	THE MARKETPLACE	1401 COVENTRY RD	LUST, UST	TP
919 / 39	GSW&SA/SCHWARTZ, MYR	FREEWOODS RD 1700 FT	ECHO	TP
920 / 39	HOLMES COMPOSTING SI		SWF/LF	TP
921 / 41	CIRCLE K 2723059	5600 S HWY 17	LUST, UST, GWCI	TP
922 / 39	GRAND STRAND WATER A	6298 SCHWARTZ PLANT	ECHO	TP
923 / 39	TEE OFF DELI OF MYRT	8980 HWY 707	LUST, UST, GWCI	TP
GU924 / 40	MURPHY OIL USA INC	8737 HIGHWAY 17 BYP	EDR Hist Auto	TP
GU925 / 40	MURPHY EXPRESS 8632	8737 HWY 17 BYP	UST	TP
926 / 39	A TO Z COASTAL CLEAN	9059 BAYWOOD CIR	EDR Hist Cleaner	TP
927 / 40	OCEAN LAKES LIMITED	1710 HIGHWAY 544	ECHO	TP
928 / 40	WAPPINGERS PLAZA CLE	1447 SOUTHWOOD DR	EDR Hist Cleaner	TP
929 / 41	PIRATELAND FAMILY CA	5401 S KINGS HWY	LUST, UST	TP
930 / 41	LAKEWOOD CAMPING RES	5901 SOUTH KINGS HIG	ECHO	TP
GV931 / 40	CENAMA INC	1272 DICK POND RD	EDR Hist Auto	TP
GV932 / 40	SCOTCHMAN 3223	1272 DICK POND RD	UST	TP
933 / 41	MYRTLE BEACH RESORT	5905 S KINGS HWY UNI	LUST, UST	TP
934 / 40	PANTRY 247	1205 DICK POND RD	LUST, UST	TP
935 / 40	WALMART NEIGHBORHOOD	125 MARYPORT DR	RCRA-VSQG, ECHO	TP
GW936 / 40	OCEAN LAKES SERVICE	6001 S KINGS HWY	LUST, UST	TP

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GW937 / 40	OCEAN LAKES FAMILY C	6001 S KINGS HWY	ECHO	TP
GW938 / 40	OCEAN LAKES SERVICE	6001 S KINGS HWY	GWCI	TP
GW939 / 40	OCEAN LAKES FAMILY C	6001 S KINGS HWY	UST	TP
940 / 40	PANTRY INC	1203 DICK POND RD	EDR Hist Auto	TP
GX941 / 39	PANTRY INC	4700 HOLMESTOWN RD	EDR Hist Auto	TP
GX942 / 39	CIRCLE K 2720910	4700 HOLMESTOWN RD	UST	TP
GY943 / 40	CIRCLE K 2708109	2016 N HWY 17	GWCI	TP
GY944 / 40	CIRCLE K 2708109	2016 N HWY 17	LUST, UST	TP
945 / 39	SCOTCHMAN 3224	9600 SC HWY 707	UST	TP
946 / 40		1200 DEER CREEK RD	CDL	TP
GZ947 / 40	SPEEDWAY 4577	3288 HOLMESTOWN RD	RCRA-VSQG	TP
GZ948 / 40	SPEEDWAY 4577	3288 HOLMESTOWN RD	ECHO	TP
GZ949 / 40	SPEEDWAY 4577	3288 HOLMESTOWN RD	UST	TP
HA950 / 40	DEERFIELD PLAZA CLEA	1784 HWY 17 N	ECHO	TP
HA951 / 40	DEERFIELD PLAZA SHOP	1784 US HWY 17	SHWS	TP
952 / 40	OCEAN LAKES CONSTRUC	11-M DICK POND ROAD	ECHO	TP
953 / 40	PIT STOP CAR WASHES	600 HWY 17 S	GWCI	TP
954 / 39	LANCES MINI MART	10088 HWY 707	UST	TP
955 / 40	SCOTCHMAN 3052	1611 HWY 17N	LUST, UST, GWCI	TP
HB956 / 40	BENTON READY MIX INC	2835 HOLMESTOWN RD	ECHO	TP
HB957 / 40	CONCRETE DESIGNS	2835 HOLMESTOWN RD	ECHO	TP
HC958 / 40	PANTRY INC	2590 GLENNS BAY RD	EDR Hist Auto	TP
HC959 / 40	PANTRY 3232	2590 GLENNS BAY RD	LUST, UST	TP
HC960 / 40	LEE BOK TEAK	2286 GLENNS BAY RD	EDR Hist Cleaner	TP
HD961 / 40	PANTRY INC	2591 GLENNS BAY RD	EDR Hist Auto	TP
HD962 / 40	CIRCLE K 2720792	2591 GLENNS BAY RD	UST	TP
HE963 / 40	EXPRESS LUBE OF SURF	920 HIGHWAY 17 N	EDR Hist Auto	TP
964 / 40	ROCKYS DRY CLG & LDR	700 PLANTATION DR A	EDR Hist Cleaner	TP
HE965 / 40	MASON TIRE AND AUTO	750 HWY 17 N	LUST, UST	TP
966 / 39	ISLAND SCREENWORKS I	10607 HWY 707	RCRA-VSQG, ECHO	TP
967 / 39	THE LAKES HOA	200 WATEREE RIVER RD	ECHO	TP
HF968 / 40	ATLANTIC CLEANERS IN	510 E HWY 17 BUS	RCRA-VSQG, ECHO	TP
HF969 / 40	ATLANTIC CLEANERS IN	510 HIGHWAY 17 N	EDR Hist Cleaner	TP
HG970 / 40	CIRCLE K 2723482	501 HWY 17 N	LUST, UST, GWCI	TP
HG971 / 40	PANTRY INC	501 HIGHWAY 17 N	EDR Hist Auto	TP
HH972 / 40	PANTRY 465	999 HWY 17 S	LUST, UST, GWCI	TP
HH973 / 40	CORKYS EXXON INC	215 HWY 17 N	UST	TP
HH974 / 40	PATEL BROTHERS INC D	215 HWY 17 N	LUST, UST, GWCI	TP
HI975 / 40	AAA TRANSMISSION INC	811 2ND AVE NORTH	RCRA-VSQG	TP

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HI976 / 40	AAA TRANSMISSION INC	811 2ND AVE N	ECHO	TP
HJ977 / 40	RITE AID #11631	118 US HIGHWAY 17 NO	ECHO	TP
HJ978 / 40	FAMILY DOLLAR 287	114 HWY 17 N	ECHO	TP
HJ979 / 40	FAMILY DOLLAR 287	114 HWY 17 N	RCRA-VSQG	TP
HJ980 / 40	SURFSIDE BEACH TOWN	115 US HWY 17 N	LUST, UST, GWCI	TP
981 / 40	CIRCLE K 2720334	1011 GLENNS BAY RD	LUST, UST	TP
HJ982 / 40	PANTRY INC	11 HIGHWAY 17 N	EDR Hist Auto	TP
HJ983 / 40	CIRCLE K 2723418	11 HWY 17 N	LUST, UST, GWCI	TP
984 / 40	SCDOT	US 17 AT US 17 BUSIN	ECHO	TP
HK985 / 40	SURFSIDE CLEANERS	824 SURFSIDE DRIVE	EDR Hist Cleaner	TP
HK986 / 40	SURFSIDE CLEANERS IN	822 SURSIDE DR	SHWS	TP
HK987 / 40	SURFSIDE CLEANERS	822 SURFSIDE DR	RCRA-VSQG, ECHO	TP
HK988 / 40	SURFSIDE CLEANERS IN	822 SURFSIDE DR	EDR Hist Cleaner	TP
HK989 / 40	SURFSIDE CLEANERS IN	822 SURFSIDE DR	DRYCLEANERS	TP
990 / 40	SPARKS ESSO SERVICE	316 HWY 17 SOUTH	EDR Hist Auto	TP
991 / 40		407 5TH AVE N	CDL	TP
992 / 40	LUBE CITY	1012 SURFPINE DR	LUST, UST	TP
993 / 40	TILSON INC	600 HWY 17 SOUTH	EDR Hist Auto	TP
HL994 / 40	CVS PHARMACY 5515	601 HWY 17 S	RCRA-LQG	TP
HL995 / 40	CVS PHARMACY 5515	601 HWY 17 S	ECHO	TP
996 / 40	SUNSPOT CONVENIENCE	411 HWY 17 S	LUST, UST, GWCI	TP
HM997 / 40	SCOTCHMAN 137	600 N KINGS HWY	GWCI	TP
998 / 39	RH MOORE INC	10601 HWY 707	RCRA-VSQG	TP
999 / 40	PAINT & BODY BY RON	1401 HIGHWAY 175	RCRA-VSQG	TP
HM1000 / 40	BEACH AUTO BODY INC	605 HWY 17 SOUTH	RCRA-VSQG	TP
HM1001 / 40	BEACH AUTO BODY INCO	605 HWY 17 S	ECHO	TP
1002 / 40		304 N OCEAN BLVD	CDL	TP
HN1003 / 40	OWENS MOTOR CO	635 HWY 17 SOUTH	RCRA-VSQG	TP
HN1004 / 40	OWENS MOTOR CO	635 HWY 17 S	ECHO	TP
1005 / 44		308 2ND AVE N	CDL	TP
1006 / 44	MYRTLE BEACH KOA	613 5TH AVE S	LUST, UST	TP
1007 / 43	AA CLEANERS	11109 HIGHWAY 707	EDR Hist Cleaner	TP
1008 / 44	WILD WATER & WHEELS	910 HWY 17 S	UST	TP
1009 / 43	COLLINS CREEK GAS &	11113 HWY 707	LUST, UST	TP
HO1010 / 44	PANTRY INC	999 HIGHWAY 17 S	EDR Hist Auto	TP
HO1011 / 44	WALSERDALE GROCERY	1001 TENTH AVE S	EDR Hist Auto	TP
1012 / 43		4305 SWEETWATER BLVD	CDL	TP
1013 / 44	PAINT & BODY BY RON	1401 HWY 17S	ECHO	TP
1014 / 44	TIDEMASTER OWNERS AS	517 S OCEAN BLVD	LUST, UST	TP

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HP1015 / 44	PANTRY INC	1611 HIGHWAY 17 S	EDR Hist Auto	TP
HP1016 / 44	CIRCLE K 2723062	1611 HWY 17 S	LUST, UST	TP
HP1017 / 44	PANTRY 3062 DBA KANG	1611 HWY 17 S @ MELO	GWCI	TP
HP1018 / 44	CIRCLE K CORPORATION	1701 HWY 17	EDR Hist Auto	TP
HP1019 / 44	CIRCLE K STORES INC	1701 HIGHWAY 17 S	EDR Hist Auto	TP
1020 / 44		1725 NORTH HWY 17	CDL	TP
1021 / 44		1016 WILLOW DRIVE	CDL	TP
1022 / 43	R H MOORE COMPANY IN	10601 HIGHWAY 707	ECHO	TP
1023 / 44	CIRCLE K 2720403	2005 US 17 BUESINESS	LUST, UST	TP
1024 / 43	MYRTLE BEACH CLEANER	889 GARDEN CITY CONN	EDR Hist Cleaner	TP
HQ1025 / 44	SAND DOLLAR DRY CLEA	2138 S HIGHWAY 17	EDR Hist Cleaner	TP
HQ1026 / 44	ATLANTIC COAST CLEAN	2138 HWY 17	SHWS	TP
HQ1027 / 44	ATLANTIC COAST CLEAN	2138 HWY 17	DRYCLEANERS	TP
HQ1028 / 44	SAND DOLLAR DRY CLEA	2138 HIGHWAY 17	EDR Hist Cleaner	TP
1029 / 43	AMERI KOOL INC	11690 HWY 17 BYPASS	ECHO	TP
HR1030 / 44	JAMES CLEANERS & TAI	2428 HIGHWAY 17	EDR Hist Cleaner	TP
HR1031 / 44	JAMES CLEANERS & TAI	2428 S HIGHWAY 17	EDR Hist Cleaner	TP
1032 / 44	BULL MART 4	2464 HWY 17 S	LUST, UST	TP
1033 / 43	PLANTATION SHUTTER C	11750 HWY 17 BYPASS	RCRA-VSQG, ECHO	TP
HS1034 / 43	KMART 3763	10125 HWY 17 BYPASS	RCRA-VSQG	TP
HS1035 / 43	KMART 3763	10125 HWY 17 BYPASS	ECHO	TP
1036 / 43	JIFFY LUBE	11772 HIGHWAY 17 BYP	EDR Hist Auto	TP
HT1037 / 44	WALMART SUPERCENTER	545 GARDEN CITY CONN	RCRA-SQG	TP
HT1038 / 44	WALMART SUPERCENTER	545 GARDEN CITY CONN	ECHO	TP
1039 / 44	SURFMASTER CONDOMINI	1620 N WACCAMAW DR	UST	TP
HU1040 / 44	MURPHY OIL USA INC	2700 S HWY 17 BUSINE	EDR Hist Auto	TP
HU1041 / 44	MURPHY EXPRESS 8663	2700 S HWY 17 BUS	UST	TP
1042 / 44	CREMATION SERVICES O	576 CYPRESS AVE	ECHO	TP
1043 / 44	GARDEN CITY 66	RT 2 PO BOX 570	LUST, UST, GWCI	TP
1044 / 43	LOWES FOODS LLC STOR	11903 HWY 707	UST	TP
1045 / 44	DYNAMIC GLASSING	601 BOUNDRY RD.	RCRA-VSQG, ECHO	TP
1046 / 43	FORMER KRISPY KREME	2856 HWY 17 S	LUST, UST	TP
1047 / 43	INLET CLEANERS	4 INLET CIR	EDR Hist Cleaner	TP
HV1048 / 43	CVS PHARMACY 8936	101 FOUNDERS BAY RD	RCRA-VSQG	TP
HV1049 / 43	CVS PHARMACY 8936	101 FOUNDERS BAY RD	ECHO	TP
1050 / 44		433 BELLE DR	CDL	TP
1051 / 43	ROSE FAMILY PROPERTI	940 INLET SQUARE DR	LUST, UST, GWCI	TP
1052 / 43	KROGER FUEL CTR 025	2939 HWY 17 S	UST	TP
HW1053 / 43	WAL-MART NEIGHBORHOO	11980 HIGHWAY 17 BYP	RCRA-VSQG, ECHO	TP

MAPPED SITES SUMMARY

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

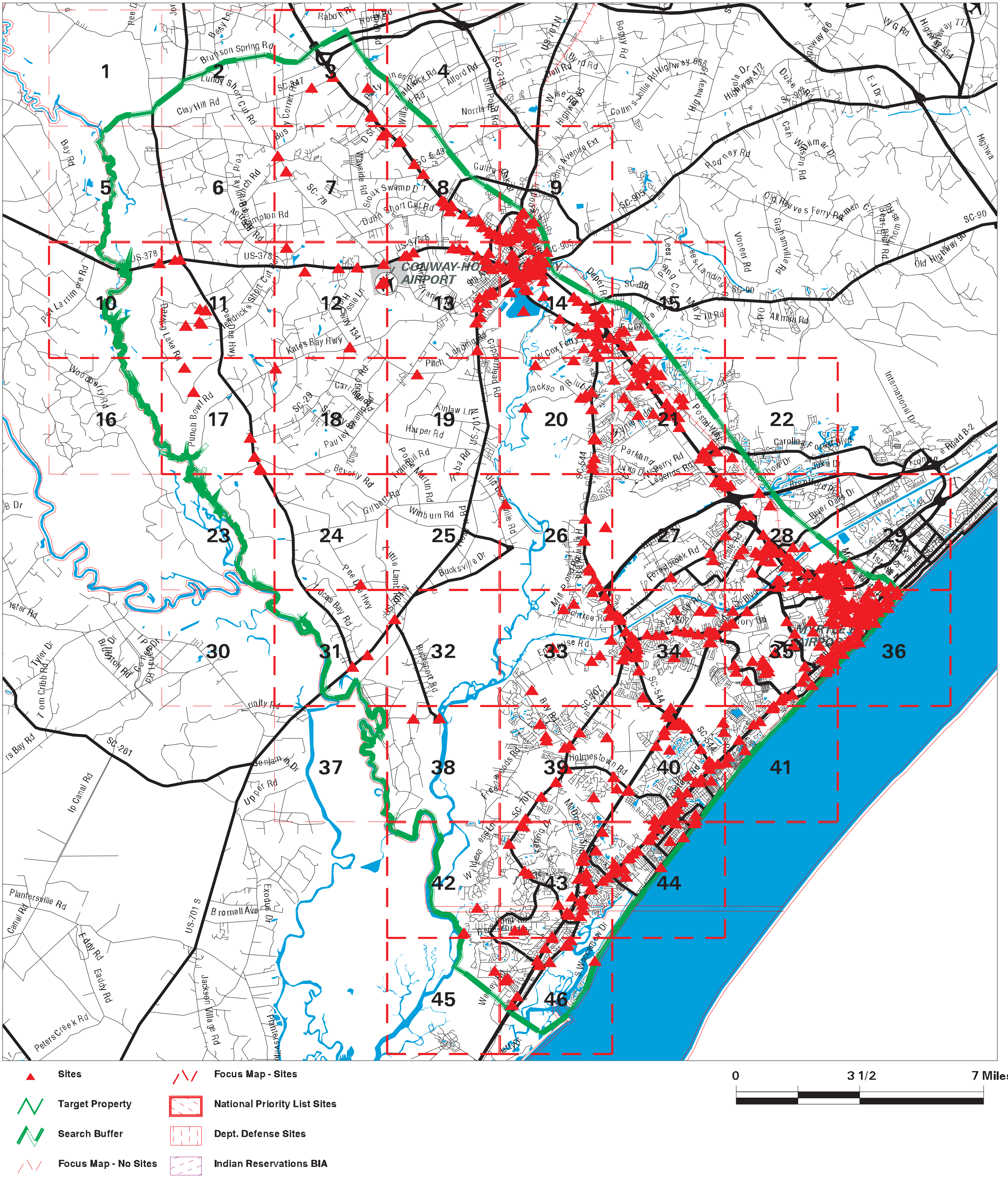
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1054 / 43	S STRAND CUSTOMER SE	900 INLET SQUARE DR	LUST, UST, GWCI	TP
HW1055 / 43	WALMART NEIGHBORHOOD	11970 HWY 17 BYP	UST	TP
HX1056 / 43	VILLAGE HARDWARE	3008 HWY 17 S	LUST, UST, GWCI	TP
HX1057 / 43	BONE ERNEST H	3008 HIGHWAY 17	EDR Hist Auto	TP
HY1058 / 43	INLET SQUARE BODY SH	840 INLET SQUARE DR	ECHO	TP
HY1059 / 43	INLET SQUARE BODY SH	840 INLET SQUARE DR	RCRA-VSQG	TP
HX1060 / 43	SCOTCHMAN 3124	3020 HWY 17 S	LUST, UST, GWCI	TP
HZ1061 / 43	MURRELLS INLET DRUM	804 INLET SQUARE DR	ECHO	TP
HZ1062 / 43	MURRELLS INLET DRUM	804 INLET SQUARE DR	SHWS	TP
HZ1063 / 43	MURRELS INLET DRUM S	804 INLET SQUARE DRI	SEMS-ARCHIVE	TP
1064 / 43	RITE AID #11633	788 INLET SQUARE DRI	ECHO	TP
IA1065 / 43	HOME DEPOT 1122	12262 HWY 17 BYPASS	RCRA-SQG	TP
IA1066 / 43	THE HOME DEPOT 1122	12262 HWY 17 BYPASS	ECHO	TP
IB1067 / 43	CLARK & GRAINGER INC	3411 HIGHWAY 17 BUSI	EDR Hist Auto	TP
IB1068 / 43	COASTAL GAS	3411 HWY 17 BUS	UST	TP
1069 / 43	MERCHANTS TIRE DBA N	3419 HWY 17 S	RCRA-VSQG, ECHO	TP
1070 / 43	COOLIES MARINE SERVI	3453 HWY 17 BUS	EDR Hist Auto	TP
1071 / 43	S&W MURRELLS INLET	12414 HWY 707	ECHO	TP
1072 / 42	BP BA BUCKS LITCHFIE	3385 COLLINS CREEK D	EDR Hist Auto	TP
1073 / 43	PANTRY 3483	3525 HWY 17 BUS	LUST, UST	TP
1074 / 43	CREMATION SERVICES O	3558A OLD KINGS HWY	ECHO	TP
1075 / 43	SHELL RAPID LUBE	3619 HIGHWAY 17	EDR Hist Auto	TP
IC1076 / 43	CVS PHARMACY 2736	3710 HWY 17 BYPASS	RCRA-VSQG	TP
IC1077 / 43	CVS PHARMACY 2736	3710 HWY 17 BYPASS	ECHO	TP
1078 / 43	INLET CONVENIENCE MA	3610 HWY 17 BUSINESS	LUST, UST, GWCI	TP
1079 / 43	MURRELLS INLET WASTE	1441 POND ROAD	ECHO	TP
1080 / 43	WACHESAW PLANTATION	1623 POND RD	ECHO	TP
1081 / 42	WACCA WACHE MARINA	1950 WACHESAW RD	UST	TP
1082 / 43	TIDELANDS WACCAMAW C	4070 HWY 17 BYPASS	UST	TP
ID1083 / 43	GEORGETOWN HOSPITAL	4070 HWY 17 BYPASS 1	ECHO	TP
ID1084 / 43	MYRTLE BEACH REHABIL	4070 HWY 17 BYPASS S	ECHO	TP
ID1085 / 43	WACCAMAW COMMUNITY H	4070 HIGHWAY 17SOUTH	ECHO	TP
ID1086 / 43	WACCAMAW MEDICAL CEN	4033 HWY 17 BYPASS	ECHO	TP
1087 / 46	ANCHOR RESTAURANT IN	3993 US HWY 17 BUSIN	LUST, UST	TP
1088 / 46	H&C FISH HOUSE INC	4091 HWY 17 BUS	UST	TP
1089 / 46	CAPTAIN DICKS MARINA	4123 US 17 BUSINESS	LUST, UST, GWCI	TP
IE1090 / 46	SPEEDWAY 4592	4326 HIGHWAY 17	ECHO	TP
IE1091 / 46	SPEEDWAY 4592	4326 HIGHWAY 17	RCRA-VSQG	TP
IE1092 / 46	WILCOHESS LLC	4326 HIGHWAY 17 STE	EDR Hist Auto	TP

MAPPED SITES SUMMARY

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
IE1093 / 46	SPEEDWAY 4592	4326A HWY 17 S	LUST, UST, GWCI	TP
IF1094 / 46	SOUTH BEACH BAR	5218 HWY 17 BYPASS	LUST, UST	TP
1095 / 46	MARLIN QUAY MARINA B	1508 S WACCAMAW DR	LUST, UST	TP
IF1096 / 46	GASOLINE ALLEY	4584 HWY 17	LUST, UST	TP
IF1097 / 46	GASOLINE ALLEY	4584 HWY 17	GWCI	TP
IF1098 / 46	REFUEL 35	4584 HWY 17	UST	TP
1099 / 46	INLET CONVENIENCE &	4463 HWY 17 BUSINESS	LUST, UST, GWCI	TP
IG1100 / 46	CIRCLE K 2720790	658 WACHESAW RD	LUST, UST	TP
IG1101 / 46	PANTRY INC	658 WACHESAW RD	EDR Hist Auto	TP
IG1102 / 46		656 WACHESAW RD	HMIRS	TP
1103 / 45	B M & P SANDPIT	TURNTABLE RD	ECHO	TP
1104 / 46	CWS WHITES CREEK-LIN	PEE DEE RD	ECHO	TP
1105 / 46		1069 PALMER PL	CDL	TP
1106 / 46	CIRCLE K 2723067	5146 HWY 17 BYPASS	LUST, UST	TP
IH1107 / 46	CIRCLE K 2723229	3741 HWY 17 BYPASS	LUST, UST, GWCI	TP
IH1108 / 46	CIRCLE K 2720301	3730 HWY 17 BYPASS	LUST, UST	TP

Key Map - 6226165.2s



SITE NAME:	SELL Project - Regulatory Review	CLIENT:	F&ME Consultants
ADDRESS:	SELL Project - Regulatory Review	CONTACT:	Christine A. Cafagna
CITY/STATE:	Conway SC	INQUIRY #:	6226165.2s
ZIP:	29527	DATE:	10/15/20 11:18 AM

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	TP		NR	NR	NR	NR	NR	0
Proposed NPL	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	TP		NR	NR	NR	NR	NR	0
Federal CERCLIS list								
SEMS	TP	1	NR	NR	NR	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	TP	8	NR	NR	NR	NR	NR	8
Federal RCRA CORRACTS facilities list								
CORRACTS	TP	2	NR	NR	NR	NR	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	TP	2	NR	NR	NR	NR	NR	2
Federal RCRA generators list								
RCRA-LQG	TP	6	NR	NR	NR	NR	NR	6
RCRA-SQG	TP	17	NR	NR	NR	NR	NR	17
RCRA-VSQG	TP	107	NR	NR	NR	NR	NR	107
State- and tribal - equivalent CERCLIS								
SHWS	TP	29	NR	NR	NR	NR	NR	29
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	TP	18	NR	NR	NR	NR	NR	18
State and tribal leaking storage tank lists								
LUST	TP	257	NR	NR	NR	NR	NR	257
INDIAN LUST	TP		NR	NR	NR	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	TP		NR	NR	NR	NR	NR	0
UST	TP	369	NR	NR	NR	NR	NR	369
INDIAN UST	TP		NR	NR	NR	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	TP		NR	NR	NR	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ODI	TP		NR	NR	NR	NR	NR	0
IHS OPEN DUMPS	TP		NR	NR	NR	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP	34	NR	NR	NR	NR	NR	34
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP	22	NR	NR	NR	NR	NR	22
Other Ascertainable Records								
SCRD DRYCLEANERS	TP		NR	NR	NR	NR	NR	0
ROD	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	TP	2	NR	NR	NR	NR	NR	2
UXO	TP	3	NR	NR	NR	NR	NR	3
ECHO	TP	280	NR	NR	NR	NR	NR	280
COAL ASH	TP	1	NR	NR	NR	NR	NR	1
DRYCLEANERS	TP	13	NR	NR	NR	NR	NR	13
GWCI	TP	124	NR	NR	NR	NR	NR	124
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR Hist Auto	TP	181	NR	NR	NR	NR	NR	181
EDR Hist Cleaner	TP	51	NR	NR	NR	NR	NR	51
- Totals --		1527	0	0	0	0	0	1527

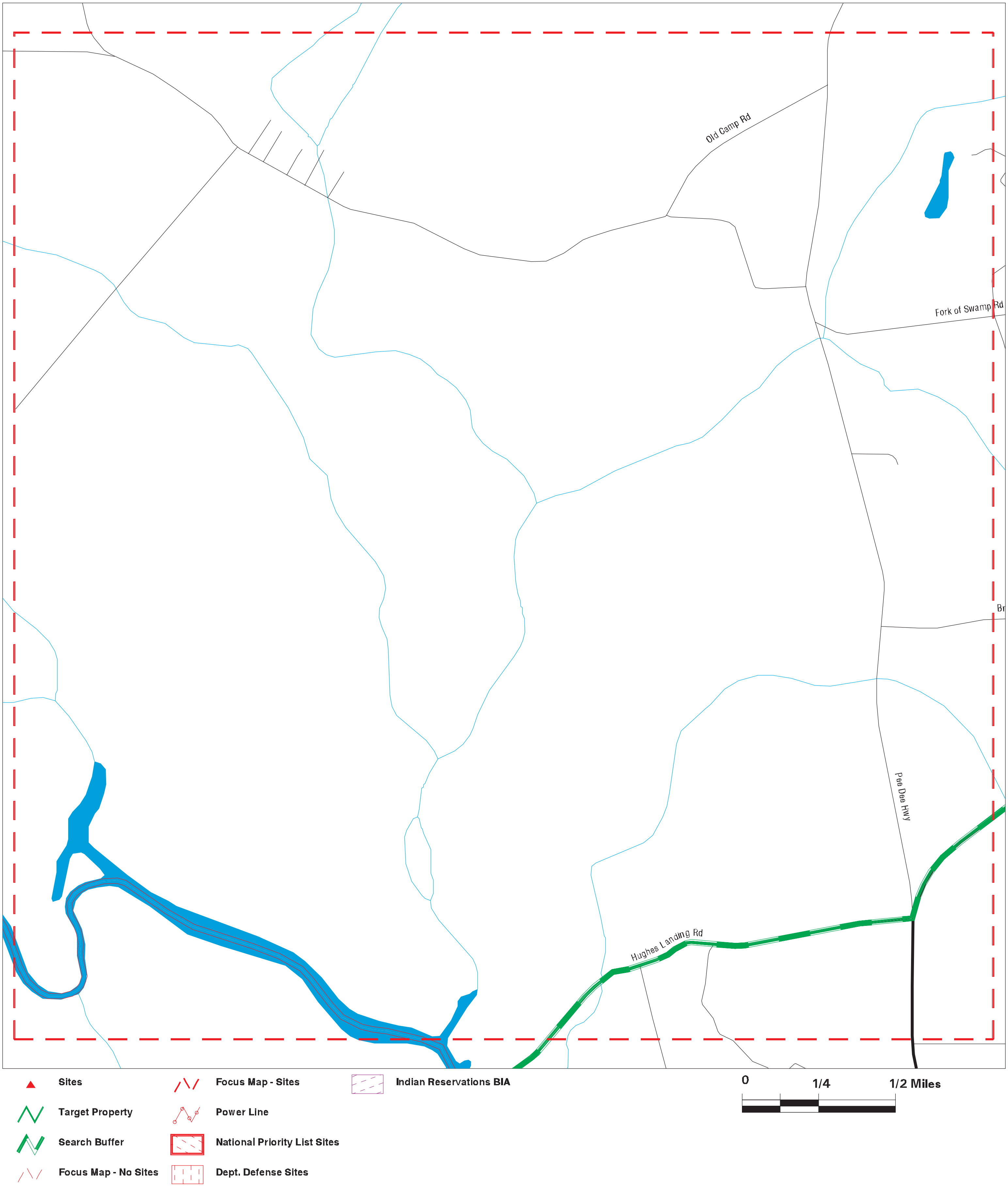
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 6226165.2s



SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 2 - 6226165.2s

Sites | Focus Map - Sites | Indian Reservations BIA

Target Property | Power Line

Search Buffer | National Priority List Sites

Focus Map - No Sites | Dept. Defense Sites

0 | 1/4 | 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 3 - 6226165.2s

Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 3	MIDWAY CHAPEL	5405 W HWY 501	LUST, UST	TP
2 / 3		460 KNOTTY BRANCH RD	CDL	TP
3 / 3		5001 MURRAY JOHNSON	CDL	TP
A4 / 3	MARVINS COUNTRY KITC	4580 HIGHWAY 501 W	EDR Hist Auto	TP
A5 / 3	MARVINS COUNTRY KITC	4580 HWY 501 W	UST	TP
A6 / 3	JOHNSONS OLD RAIL RO	4580 HWY 501 W	UST	TP
7 / 3	FARM MART	5565 HWY 501W	LUST, UST	TP

Focus Map - 4 - 6226165.2s

Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 5 - 6226165.2s

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 6 - 6226165.2s

Sites | **Focus Map - Sites** | **Indian Reservations BIA**

Target Property | **Power Line**

Search Buffer | **National Priority List Sites**

Focus Map - No Sites | **Dept. Defense Sites**

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 7 - 6226165.2s

▲ Sites

Focus Map - Sites

Indian Reservations BIA

Target Property

Power Line

Search Buffer

National Priority List Sites

Focus Map - No Sites

Dept. Defense Sites

0 1/4 1/2 Miles

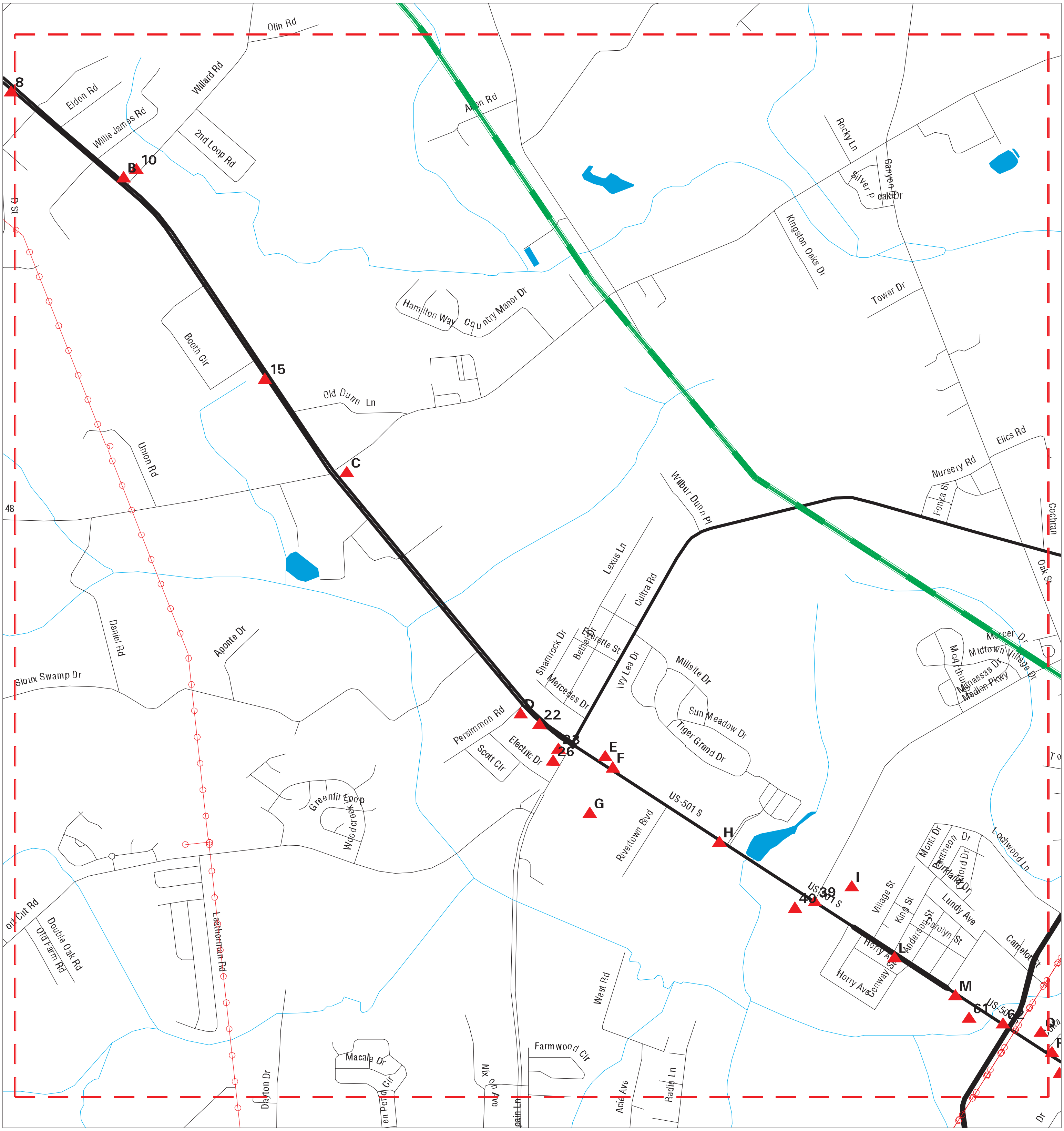
SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
8 / 7	501 MINI MART LLC	4245 HWY 501 W	LUST, UST, GWCI	TP
9 / 7	LARRYS TRANSMISSION	1066 D ST	EDR Hist Auto	TP
14 / 7	RONS BUSY CORNER	5709 JUNIPER BAY RD	UST	TP
16 / 7	T&J BUILDERS INC/TOD	5451 JUNIPER BAY RD	ECHO	TP

Focus Map - 8 - 6226165.2s



Sites — Focus Map - Sites — Indian Reservations BIA

Target Property — Power Line

Search Buffer — National Priority List Sites

Focus Map - No Sites — Dept. Defense Sites

0 — 1/4 — 1/2 Miles

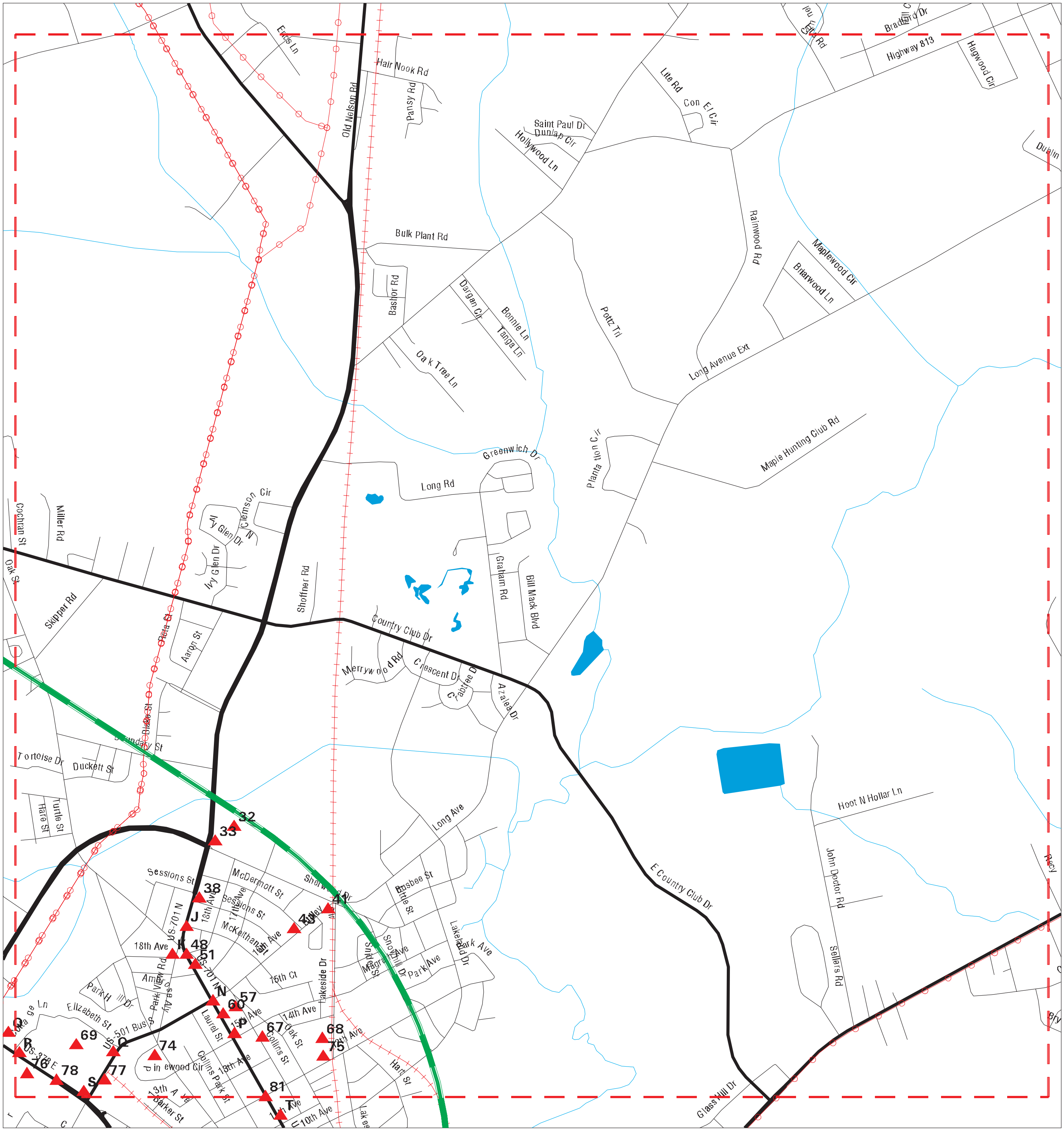
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
10 / 8	JRS MINIMART	125 WILLARD RD	EDR Hist Auto	TP
B11 / 8	JRS MINIMART INC	4010 HWY 501	EDR Hist Auto	TP
B12 / 8	JAYATRI INC	4010 HWY 501 W	LUST, UST, GWCI	TP
B13 / 8	JRS MINIMART INC	4010 HIGHWAY 501 W	EDR Hist Auto	TP
15 / 8	ESTATE OF MARY E HOL	4055 HWY 501 W	LUST, UST, GWCI	TP
C17 / 8	SCOTCHMAN	3410 W HIGHWAY 501	EDR Hist Auto	TP
C18 / 8	SCOTCHMAN 3058	3410 HWY 501 W	LUST, UST, GWCI	TP
C19 / 8	SCOTCHMAN	3410 HIGHWAY 501 W	EDR Hist Auto	TP
D20 / 8	FLEET PRFMCE TRANSMI	2897 HIGHWAY 501 W	EDR Hist Auto	TP
D21 / 8	GENES BODY SHOP	2893 HWY 501 W	RCRA-VSQG, ECHO	TP
22 / 8	AVX CORPORATION	2875 HWY 501	ECHO	TP
23 / 8	FUEL 2 GO	2901 CHURCH ST	UST	TP
E24 / 8	HUGO CITGO INC	2776 CHURCH ST	EDR Hist Auto	TP
E25 / 8	MATTRESS FIRM- CHURC	2776 CHURCH ST	LUST, UST	TP
26 / 8	PLANTATION CLEANERS	110 EL BETHEL RD	EDR Hist Cleaner	TP
F27 / 8	ASPEN DENTAL	2756 CHURCH ST	RCRA-VSQG, ECHO	TP
F28 / 8	MURPHY EXPRESS 8573	2735 CHURCH ST	LUST, UST	TP
F29 / 8	MURPHY OIL USA INC	2735 CHURCH ST	EDR Hist Auto	TP
G30 / 8	WALMART SUPERCENTER	2709A CHURCH ST	RCRA-SQG	TP
G31 / 8	WALMART SUPERCENTER	2709A CHURCH ST	ECHO	TP
H34 / 8	CONWAY FORD INC	2501 CHURCH ST	RCRA-VSQG, ECHO	TP
H35 / 8	CONWAY FORD INC	2501 CHURCH ST	LUST, UST	TP
I36 / 8	HARBOR FREIGHT TOOLS	2300 CHURCH ST UNIT1	RCRA-VSQG	TP
I37 / 8	HARBOR FREIGHT TOOLS	2300 CHURCH ST UNIT1	ECHO	TP
39 / 8	PEPSI COLA BOTTLING	2380 HWY 501 N	LUST, UST	TP
40 / 8	CONWAY CHRYSLER PLYM	2385 HWY 501W	RCRA-VSQG, ECHO	TP
L49 / 8	FRANK & SONS MFG. IN	2093 CHURCH STREET	ECHO	TP
L50 / 8	FRANK & SON MFG - CL	2093 CHURCH ST	ECHO	TP
M52 / 8	CONWAY DRIVE THRU	1723 CHURCH ST	LUST, UST, GWCI	TP
M56 / 8	HUCKS AUTO SALES & B	1727 CHURCH ST	ECHO	TP
61 / 8	XPRESS LUBE OF N MYR	1711 CHURCH ST	EDR Hist Auto	TP
62 / 8	CIRCLE K 2721653	1700 CHURCH ST	UST	TP
O63 / 8	SPINX COMPANY INC	1646 CHURCH ST	EDR Hist Auto	TP
O64 / 8	SCOTCHMAN 160	1646 CHURCH ST (HWY	LUST, UST	TP

Focus Map - 9 - 6226165.2s



Sites

Target Property

Search Buffer

Focus Map - No Sites

Focus Map - Sites

Power Line

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

0 1/4 1/2 Miles

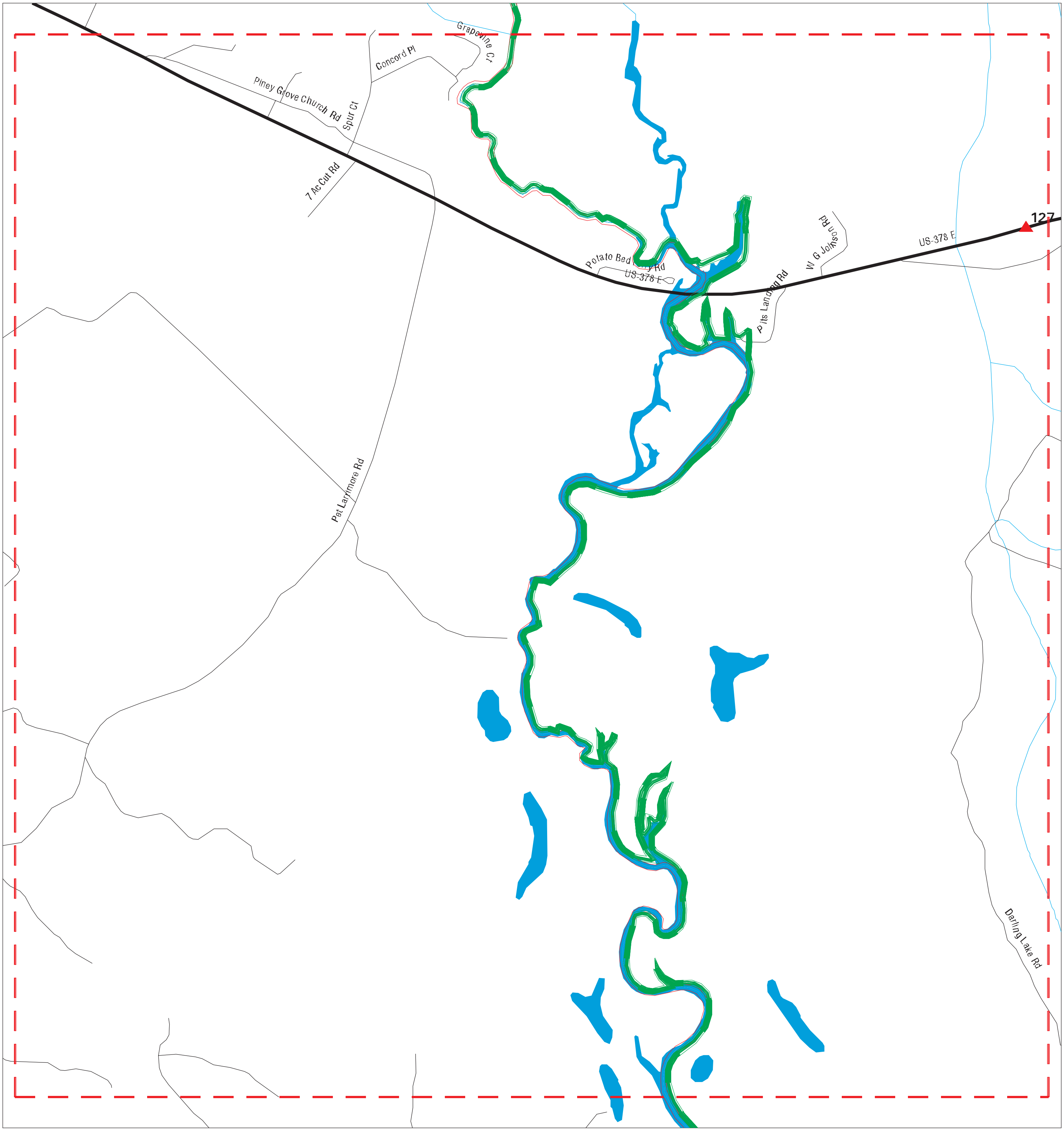
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
32 / 9	CONWAY FEED & GARDEN	2210 N MAIN ST	ECHO	TP
33 / 9	SC DEPARTMENT OF AGR	2200 N MAIN ST	ECHO	TP
38 / 9	LILLIANS	2000 N MAIN ST	LUST, UST, GWCI	TP
41 / 9	STILLEY PLYWOOD CLOS	501 16TH AVENUE	ECHO	TP
J42 / 9	VIDEO WORLD	1900 MAIN ST	LUST, UST, GWCI	TP
43 / 9	SPIRES CONVENIENCE S	16TH & MC DERMOT RD	LUST, UST	TP
J44 / 9	ELVIS GENERAL REPAIR	1801 N MAIN ST	GWCI	TP
J45 / 9	ELVIS GENERAL REPAIR	1801 N MAIN ST	LUST, UST	TP
K46 / 9	G & T DISCOUNT CENTE	1801 PARK VIEW RD	EDR Hist Auto	TP
K47 / 9	G&T DISCOUNT CENTER	1801 PARKVIEW RD	LUST, UST, GWCI	TP
48 / 9	SMITH RAYMOND E	1708 N MAIN ST	EDR Hist Auto	TP
51 / 9	B&M TIRE SERVICE	1704 MAIN ST	LUST, UST, GWCI	TP
N53 / 9	SC651	1600 MAIN ST	LUST, UST, GWCI	TP
N54 / 9	FAST FARE INC	1600 MAIN ST	EDR Hist Auto	TP
N55 / 9	QUIK MART 5	1512 N MAIN ST	LUST, UST	TP
57 / 9	SERVICE AMERICA	1507 COLLINS DR	LUST, UST, GWCI	TP
N58 / 9	SALLEY CLEANERS	1510 N MAIN ST	SHWS, UST, DRYCLEANERS	TP
N59 / 9	SALLEY CLEANERS INC	1510 N MAIN ST	EDR Hist Cleaner	TP
60 / 9	BASS CLEANERS INC	1508 MAIN ST	EDR Hist Cleaner	TP
P65 / 9	ANDERSON & TODD GARA	1500 MAIN ST	EDR Hist Auto	TP
P66 / 9	MAIN STREET FARM	1500 MAIN ST	LUST, UST	TP
67 / 9	DRYCLEAN EXPRESS	1308 COLLINS T	EDR Hist Cleaner	TP
68 / 9	DORMAN PROPERTIES	1205 LAKESIDE DR	LUST, UST	TP
69 / 9	KMART 7555	1610 U CHURCH ST	ECHO	TP
Q70 / 9	CAROLINA TIRE CO	1300 16TH AVE	RCRA-VSQG	TP
Q71 / 9	CAROLINA TIRE COMPAN	1300 16TH AVENUE	ECHO	TP
R72 / 9	TIGER MART 3	1626 CHURCH ST	LUST, UST, GWCI	TP
R73 / 9	SMITH ROGERS OIL CO	1626 CHURCH ST	EDR Hist Auto	TP
74 / 9	FOWLER MOTORS INC	1509 ELM ST	LUST, UST	TP
75 / 9	G J CREEL & SONS, IN	708 12TH AVENUE	ECHO	TP
76 / 9	MARBLECRAFT	1621 CHURCH ST	ECHO	TP
77 / 9	SHERWIN WILLIAMS CO	1229 16TH AVE	ECHO	TP
78 / 9	RITE AID #11625	1610-Z CHURCH STREET	ECHO	TP
S79 / 9	CIRCLE K 2723228	1600 CHURCH ST	LUST, UST, GWCI	TP
S80 / 9	PANTRY INC	1600 CHURCH ST	EDR Hist Auto	TP
81 / 9	PANTRY	MAIN ST & 12TH AVE	UST	TP

Focus Map - 10 - 6226165.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

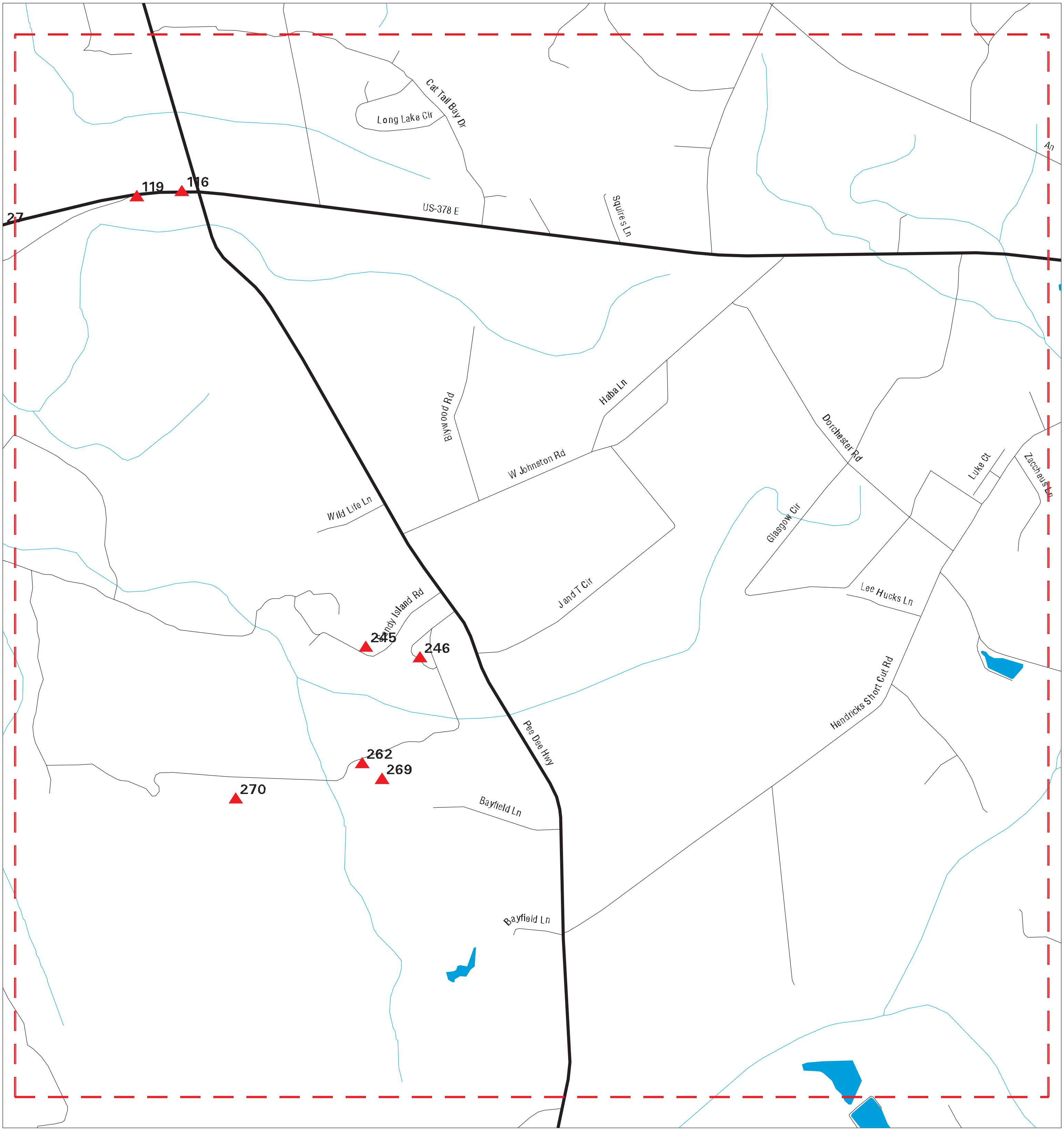
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
127 / 10	D&L/PEE DEE CROSSROA	6924 HWY 378	ECHO	TP

Focus Map - 11 - 6226165.2s



Sites | Focus Map - Sites | Indian Reservations BIA
Target Property | Power Line
Search Buffer | National Priority List Sites
Focus Map - No Sites | Dept. Defense Sites

0 | 1/4 | 1/2 Miles

SITE NAME:	SELL Project - Regulatory Review	CLIENT:	F&ME Consultants
ADDRESS:	SELL Project - Regulatory Review	CONTACT:	Christine A. Cafagna
CITY/STATE:	Conway SC	INQUIRY #:	6226165.2s
ZIP:	29527	DATE:	10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
116 / 11	PEE DEE EXCHANGE LLC	6450 HWY 378	LUST, UST	TP
119 / 11	D&L SITEWORKS INC/PE	6555 US 378	ECHO	TP
245 / 11	KAHM FARMS SF #4		SWF/LF	TP
246 / 11	KAHM FARMS SF #1		SWF/LF	TP
262 / 11	KAHM FARMS SF#3		SWF/LF	TP
269 / 11	KAHM FARMS SF #2		SWF/LF	TP
270 / 11	KAHM FARMS SF #6		SWF/LF	TP

Focus Map - 12 - 6226165.2s

Sites

Target Property

Search Buffer

Focus Map - No Sites

Focus Map - Sites

Power Line

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

0 1/4 1/2 Miles

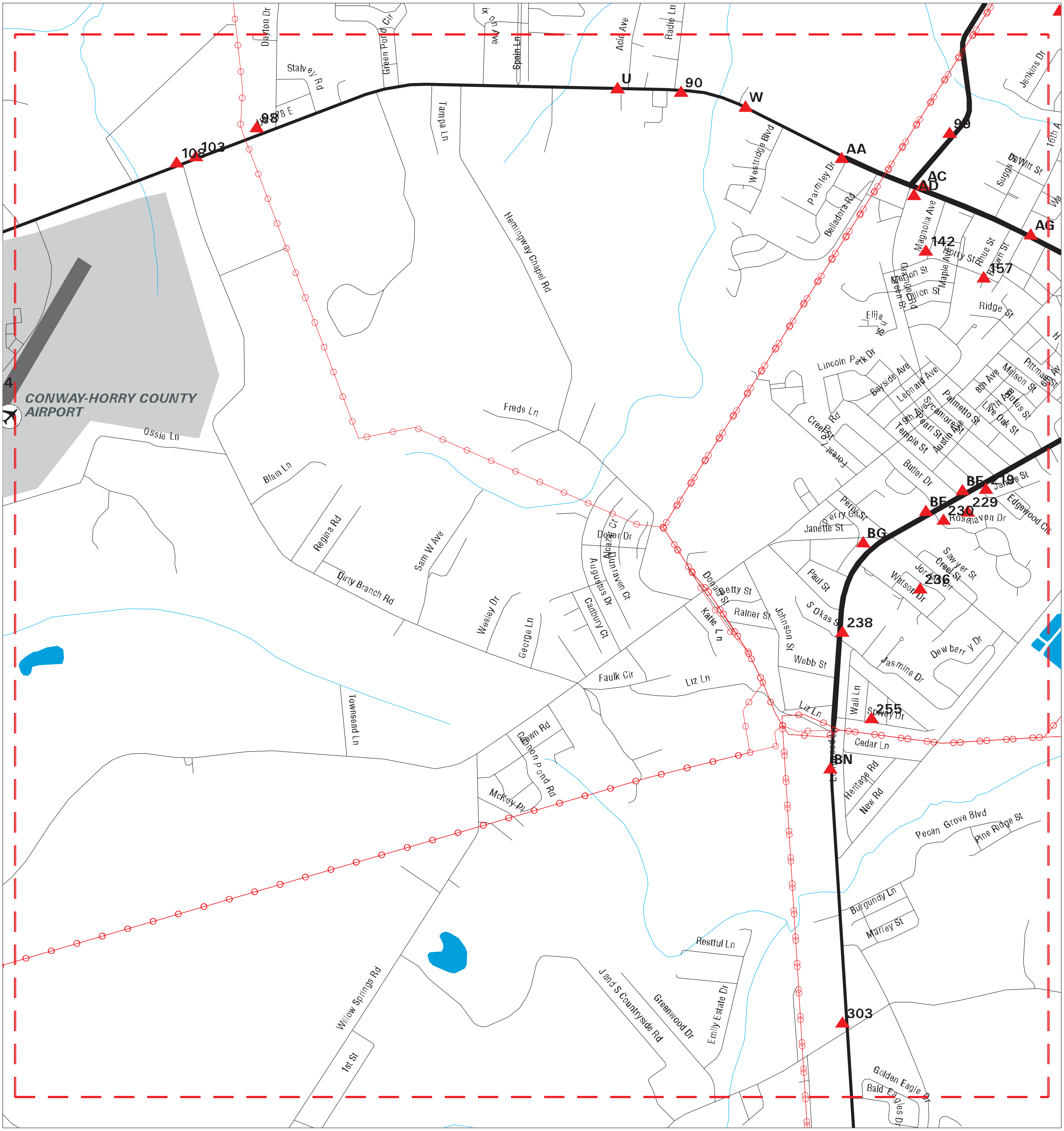
SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
87 / 12	G & G MINING CO/G &	5010 MARIGOLD RD	ECHO	TP
AH132 / 12	G & B DISCOUNT CORNE	3372 HIGHWAY 378	EDR Hist Auto	TP
AH133 / 12	SUNHOUSE PETROLEUM 2	3372 HWY 378	LUST, UST, GWCI	TP
152 / 12	APPEND INVESTMENT DB	3788 HWY 378	LUST, UST	TP
154 / 12	MONEY SAVER FOOD MAR	4062 HWY 378	LUST, UST, GWCI	TP
174 / 12	G&G MINING CO. LLC C		SWF/LF	TP
214 / 12	NORTH AMERICAN INSTI	1700 AIRPORT RD	RCRA-VSQG, ECHO	TP
216 / 12	CONWAY HORRY COUNTY	US HWY 378	LUST, UST	TP
300 / 12	QUICK SHOP	5100 KATES BAY HWY	LUST, UST	TP

Focus Map - 13 - 6226165.2s



▲ Sites	Focus Map - Sites	Indian Reservations BIA	0 — 1/4 — 1/2 Miles
Target Property	Power Line		
Search Buffer	National Priority List Sites		
Focus Map - No Sites	Dept. Defense Sites		

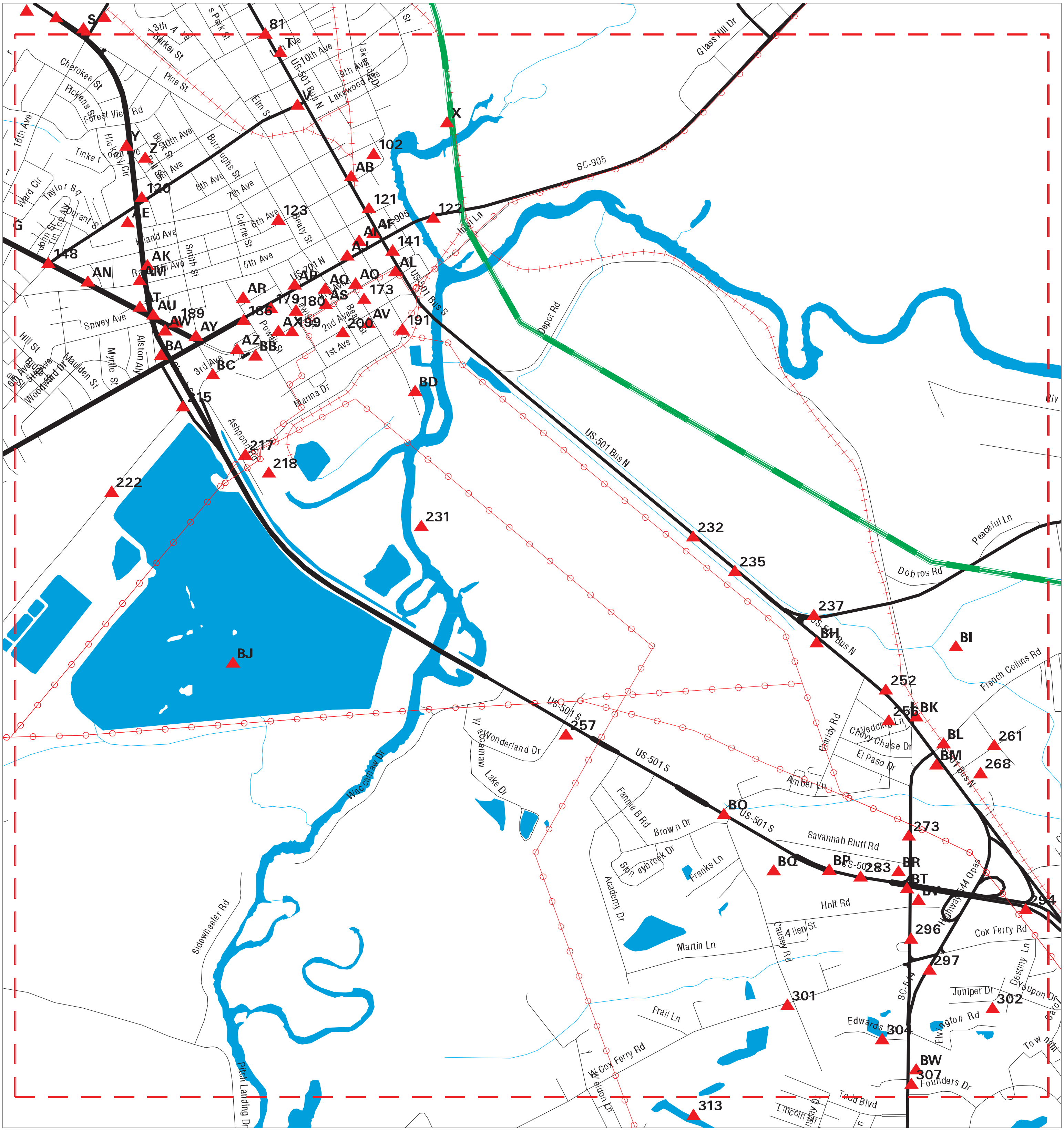
SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 13

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
U88 / 13	PALMETTO MEMORIAL FU	2300 HWY 378	ECHO	TP
U89 / 13	SPEEDWAY 4582	2298 HWY 378	LUST, UST	TP
90 / 13	PARKERS AUTO & TRUCK	2257 HWY 378	LUST, UST, GWCI	TP
W92 / 13	SPEEDWAY 4582	2208 HWY 378	RCRA-VSQG	TP
W93 / 13	SPEEDWAY 4582	2208 HWY 378	ECHO	TP
98 / 13	LG TODDS BODY SHOP	2926 HWY 378	RCRA-VSQG, ECHO	TP
99 / 13	FRESENIUS MEDICAL CA	1702 MILLPOND RD	ECHO	TP
103 / 13	GATEWAY HOMES	2990 HWY 378 W	LUST, UST, GWCI	TP
AA106 / 13	BULK SHELL	2005 HIGHWAY 378	EDR Hist Auto	TP
AA107 / 13	BULK SHELL	2005 HWY 378	UST	TP
108 / 13	WASTE INDUSTRIES INC	3010 HWY 378	RCRA-VSQG, ECHO	TP
AC114 / 13	TIGER MART 19	1812 WRIGHT BLVD	EDR Hist Auto	TP
AC115 / 13	TIGER MART 19	1812 WRIGHT BLVD	UST	TP
AD117 / 13	QUICKMART	1813 WRIGHT BLVD	LUST, UST, GWCI	TP
AD118 / 13	WORSLEY COMPANIES IN	1813 WRIGHT BLVD	EDR Hist Auto	TP
AG130 / 13	WRIGHTS GROCERY	935 WRIGHTS BLVD	EDR Hist Auto	TP
AG131 / 13	T J PARTY SHOP	935 WRIGHTS BLVD	LUST, UST, GWCI	TP
AG140 / 13	WRIGHTS GROCERY	935 HWY 378	EDR Hist Auto	TP
142 / 13	WRIGHTS GROCERY	1804 MAGNOLIA ST	EDR Hist Auto	TP
157 / 13	HORRY COUNTY SCHOOLS	1605 HORRY ST	UST	TP
219 / 13	JAMESTOWN LAUNDROMAT	2605 4TH AVE HWY 701	LUST, UST	TP
BE220 / 13	TIDEWATER HUNTING &	2702 4TH AVE	LUST, UST	TP
BE221 / 13	TIDEWATER HUNTING &	2702 4TH AVE	UST	TP
BE223 / 13	JAMESTOWN GROCERY	2705 FOURTH ST	EDR Hist Auto	TP
BE224 / 13	JAMESTOWN GROCERY	2703 4TH AVE	LUST, UST	TP
BE225 / 13	JAMESTOWN GROCERY	2703 4TH AVE	UST	TP
BE226 / 13	MARLOWE DEREK C	2703 4TH AVE	EDR Hist Auto	TP
BF227 / 13	RAYS STATION	2900 FOURTH AVE S	LUST, UST, GWCI	TP
BF228 / 13	SPEEDWAY SUPERAMERIC	2900 4TH AVE	EDR Hist Auto	TP
229 / 13	JACKSON CLEANERS	2707 4TH AVE	EDR Hist Cleaner	TP
230 / 13	BUCKSPORT WATER COMP	2809 FOURTH AVENUE	ECHO	TP
BG233 / 13	CORNER STOP 106	401 JANETTE ST	LUST, UST, GWCI	TP
BG234 / 13	CORNER STOP	401 JANETTE ST	EDR Hist Auto	TP
236 / 13	TODDS 76 OR TODD HAR	309 JORDAN CIR	EDR Hist Auto	TP
238 / 13	CHS HOMEWOOD STORAGE	3153 US 701 N	LUST, UST	TP
255 / 13	TODD EVAN JR	3309 WALL LN	EDR Hist Auto	TP
BN266 / 13	FAMILY DOLLAR 3581	3400 4TH AVE	ECHO	TP
BN267 / 13	FAMILY DOLLAR 3581	3400 4TH AVE	RCRA-VSQG	TP
303 / 13	CIRCLE K 2723881	3656 HWY 701 S	UST	TP

Focus Map - 14 - 6226165.2s



Sites	Focus Map - Sites	Indian Reservations BIA
Target Property	Power Line	
Search Buffer	National Priority List Sites	
Focus Map - No Sites	Dept. Defense Sites	

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
T82 / 14	MAIN ST SHELL	1100 E MAIN ST	GWCI	TP
T83 / 14	MAIN STREET SHELL ST	1100 MAIN ST	EDR Hist Auto	TP
T84 / 14	MAIN ST SHELL	1100 MAIN ST	LUST, UST	TP
T85 / 14	MAIN STREET EXPRESS	1112 MAIN ST	LUST, UST	TP
T86 / 14	MIDLAND SERVICE INC	1112 MAIN ST	EDR Hist Auto	TP
V91 / 14	PEPSI COLA BOTTLING	HWY 501 W	RCRA-VSQG, ECHO	TP
V94 / 14	SASSER MARSHALL C (D	1043 9TH AVE	ECHO	TP
X95 / 14	CONWAY HIGH SCHOOL H	HWY 501 W	ECHO	TP
X96 / 14	CAROLINA STRAND COMP	RED HILL	ECHO	TP
X97 / 14	GEORGIA-PACIFIC CORP	GOLF COURSE ROAD	ECHO	TP
Y100 / 14	501 BP	1006 CHURCH ST	LUST, GWCI	TP
Y101 / 14	BUCKWOOD SERVICE CEN	1109 CHURCH ST	EDR Hist Auto	TP
102 / 14	STILLEY PLYWOOD CO I	16TH AVE & LAKESIDE	LUST, UST	TP
Z104 / 14	CREEL G J & SONS INC	1006 CHURCH ST	EDR Hist Auto	TP
Z105 / 14	501 BP	1006 CHURCH ST	UST	TP
Z109 / 14	BUCKWOOD SHELL	1108 CHURCH ST 501	EDR Hist Auto	TP
AB110 / 14	BARKERS 76	600 MAIN ST	GWCI	TP
AB111 / 14	BARKERS SERVICE CENT	600 MAIN ST	UST	TP
AB112 / 14	BARKERS 76	600 MAIN ST	LUST, UST	TP
AB113 / 14	BARKER BILL	600 MAIN ST	EDR Hist Auto	TP
120 / 14	CONWAY AMERICAN SERV	1608 9TH AVE	EDR Hist Auto	TP
121 / 14	YOUR BRIDAL OULET	500 MAIN ST	LUST, UST	TP
122 / 14	SURE WAY GROCERY	418 HWY 905	EDR Hist Auto	TP
123 / 14	CAROLINA TIRE CO	1300 6TH AVE	LUST, UST	TP
AE124 / 14	CVS PHARMACY 3851	707 CHURCH ST	RCRA-VSQG	TP
AE125 / 14	FOOD CHIEF 20	707 CHURCH ST @ 9TH	LUST, UST, GWCI	TP
AE126 / 14	CVS PHARMACY 3851	707 CHURCH ST	ECHO	TP
AF128 / 14	DOUGS AUTOMOTIVE	405 MAIN ST	LUST, UST	TP
AF129 / 14	DOUG AUTOMOTIVE & BO	405 MAIN STREET	ECHO	TP
AF134 / 14	BASS CLEANERS INC	400 MAIN ST	EDR Hist Cleaner	TP
AI135 / 14	GENERAL TELEPHONE OF	414 LAUREL ST	LUST, UST	TP
AF136 / 14	DOWNTOWN CLEANERS	1000 4TH AVE	LUST, UST	TP
AF137 / 14	NORMANS CLEANERS INC	1000 4TH AVE	EDR Hist Cleaner	TP
AF138 / 14	DOWNTOWN CLEANERS	1000 4TH AVE	LUST, UST	TP
AI139 / 14	MOORE NORMAN T	408 LAUREL ST	EDR Hist Cleaner	TP
141 / 14	COX JERRY COMPANY IN	316 MAIN STREET	EDR Hist Auto	TP
AI143 / 14	BARKERS SERVICE CENT	4TH AVE & LAUREL ST	EDR Hist Auto	TP
AJ144 / 14	PALMETTO CHEVROLET C	1122 4TH AVE	RCRA-VSQG, ECHO	TP
AJ145 / 14	RIVERTOWN AMOCO	1101 4TH AVE	LUST, UST, GWCI	TP

MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
AJ146 / 14	HARVEY TODDS FINA SE	1101 4TH AVE	UST	TP
AJ147 / 14	HARDWICKS SERVICE ST	1101 4TH AVE	EDR Hist Auto	TP
148 / 14	SCOTCHMAN 12	HWY 501 & 9TH AVE	LUST, UST	TP
AK149 / 14	SAV WAY 21	604 CHURCH ST	LUST, UST	TP
AK150 / 14	SAV WAY 21	604 HWY 501	GWCI	TP
AK151 / 14	SAVE MART	604 CHURCH ST	UST	TP
AJ153 / 14	TIRE SUPER MARKET	312 ELM ST	LUST, UST, GWCI	TP
AL155 / 14	CONWAY CITY OF	229 MAIN ST	LUST, UST	TP
AL156 / 14	CONWAY CITY OF	1001 3RD AVE	ECHO	TP
AM158 / 14	CAUSEY & LONG	601 CHURCH ST	EDR Hist Auto	TP
AM159 / 14	AMMY LLC DBA MONEY S	601 CHURCH ST	LUST, UST	TP
AN160 / 14	B & B SUPERETTE	800 HIGHWAY 378	EDR Hist Auto	TP
AN161 / 14	B&B SUPERETTE	800 WRIGHT BLVD	GWCI	TP
AN162 / 14	SHREE MINI MART	800 WRIGHT BLVD	UST	TP
AN163 / 14	SHREE MINI MART	800 WRIGHT BLVD	LUST, UST	TP
AO164 / 14	SWARTZ & MOORE CORP	300 ELM ST	EDR Hist Cleaner	TP
AO165 / 14	CHEF SKIS DELI	300 ELM ST	LUST, UST, GWCI	TP
AP166 / 14	EASY PICK UP 1	1314 4TH AVE	LUST, UST, GWCI	TP
AP167 / 14	KINGSTON SALES CORPO	1314 4TH AVE	EDR Hist Auto	TP
AQ168 / 14	SPANN LOUIS E JR	307 BEATY ST	EDR Hist Cleaner	TP
AQ169 / 14	FMR CONWAY CLEANERS	307 BEATY ST	SHWS, DRYCLEANERS	TP
AO170 / 14	MOORE & SWARTZ CORP	1127 3RD AVE	EDR Hist Cleaner	TP
AR171 / 14	SINGLE SOURCE INC	1412 GAMECOCK AVE UN	ECHO	TP
AR172 / 14	SINGLE SOURCE INC	1412 GAMECOCK AVE UN	RCRA-VSQG	TP
173 / 14	ALL OUT ENGINES AND	210 ELM ST	EDR Hist Auto	TP
AS175 / 14	HENDRICKS BROS AUTO	1306 THIRD AVE	EDR Hist Auto	TP
AT176 / 14	SUB WAY	484 WRIGHT BLVD	UST	TP
AS177 / 14	D D LEWIS EXXON	1301 3RD AVE	LUST, UST	TP
AS178 / 14	LEWIS EXXON	1301 THIRD AV	EDR Hist Auto	TP
179 / 14	TODD BROTHERS SERVIC	1401 4TH AVE	EDR Hist Auto	TP
180 / 14	WATSON JOSEPH W	1318 THIRD AVE	EDR Hist Auto	TP
AS181 / 14	LEWIS D DERWOOD	1305 THIRD AVE	EDR Hist Auto	TP
AU182 / 14	DERWOODS	420 CHURCH ST	LUST, UST	TP
AU183 / 14	MARTINS PURE OIL SER	420 HWY 378	EDR Hist Auto	TP
AU184 / 14	LEWIS AMOCO	420 CHURCH ST	EDR Hist Auto	TP
AT185 / 14	DERWOODS	HWY 378 & 501	GWCI	TP
186 / 14	PYA MONARCH INC	HWY 501 E	ECHO	TP
AU187 / 14	LIVE OAK TEXACO STAT	601 HWY 501 WEST	EDR Hist Auto	TP
AU188 / 14	HUCKS JOHN F A	HWY 501 & 378	EDR Hist Auto	TP

MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
189 / 14	LEWIS CITGO	420 WRIGHT BLVD	EDR Hist Auto	TP
AV190 / 14	HORRY COUNTY POLICE	2ND AVE	LUST, UST	TP
191 / 14	SANTEE COOPER DISTRI	103 LAUREL ST	UST	TP
AV192 / 14	HORRY COUNTY TECHNOL	103 ELM ST	UST	TP
AW193 / 14	SUNSHINE CONVENIENCE	1600 4TH AVE	GWCI	TP
AW194 / 14	CAPPS SERVICE STATIO	1600 4TH AVE	UST	TP
AW195 / 14	CAPPS WRECKER SERVIC	1600 4TH AVE	EDR Hist Auto	TP
AW196 / 14	4 WAY FUEL	1600 4TH AVE	LUST, UST	TP
AX197 / 14	THE COAST RTA	1418 THIRD AVE	LUST, UST	TP
AX198 / 14	HUNTER AUTO SALES IN	1418 THIRD AVE	EDR Hist Auto	TP
199 / 14	CONWAY AUTO PARTS IN	1401 THIRD AVE	ECHO	TP
200 / 14	HORRY COUNTY GOVERNM	1301 2ND AVE	LUST, UST	TP
AY201 / 14	VILLAGE GROCERY	4TH AVE EXT	UST	TP
AY202 / 14	SPORTSMANS CORNER	1528 4TH AVE	EDR Hist Auto	TP
AZ203 / 14	CONWAY CLEANERS	1510 3RD AVE	RCRA-VSQG, SHWS, ECHO, DRYCLEANERS	TP
AZ204 / 14	CONWAY CLEANERS INC	1510 3RD AVE	EDR Hist Cleaner	TP
BA205 / 14	MELLOW BUTTERCUP ICE	1620 4TH AVE	LUST, UST	TP
BB206 / 14	COLUMBIA SUPPLY CO	1509 THIRD AVE	UST	TP
BB207 / 14	LEES DISCOUNT TIRE C	1501 3RD AVE	EDR Hist Auto	TP
BB208 / 14	LEES DISCOUNT CENTER	1501 3RD AVE	LUST, UST, GWCI	TP
BA209 / 14	HORRY CLEANERS	1613 4TH AVE	EDR Hist Cleaner	TP
BC210 / 14	FORMER CONWAY MAINTE	301 SMITH ST	GWCI	TP
BC211 / 14	SC DEPT OF TRANSPORT	301 SMITH ST	LUST, UST	TP
BD212 / 14	CONWAY CITY MARINA	4 ELM ST	UST	TP
BD213 / 14	CONWAY CITY MARINA	4 ELM ST	LUST	TP
215 / 14	GSW&SA/CONWAY WWTP	1700 NEW ROAD	ECHO	TP
217 / 14	SANTEE COOPER	HWY 501 BYPASS	UST	TP
218 / 14	SANTEE COOPER - GRAI		SWF/LF	TP
222 / 14	CITY OF CONWAY DUMP		SWF/LF	TP
231 / 14	SCPSA - DOLPHUS M GR	HWY 501 BYPASS	COAL ASH	TP
232 / 14	SCOTCHMAN 31	850 HWY 501 BYPASS	LUST, UST, GWCI	TP
235 / 14	FLAV O RICH	956 HWY 501 BYPASS	UST	TP
237 / 14	KINGSTON JUNCTION	HWY 90 AND 501 BUSIN	LUST, UST	TP
BH239 / 14	SPEEDWAY 4589	1120 HWY 501 BUSINES	RCRA-VSQG	TP
BH240 / 14	SPEEDWAY 4589	1120 HWY 501 BUS	LUST, UST	TP
BH241 / 14	SPEEDWAY 4589	1120 HWY 501 BUSINES	ECHO	TP
BI242 / 14	HD SUPPLY WATERWORKS	385 FRENCH COLLINS R	ECHO	TP
BI243 / 14	ROYAL OAK ENTERPRISE	385 FRENCH COLLINS R	ECHO	TP
BI244 / 14	HD SUPPLY WATERWORKS	385 FRENCH COLLINS R	RCRA-VSQG	TP

MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

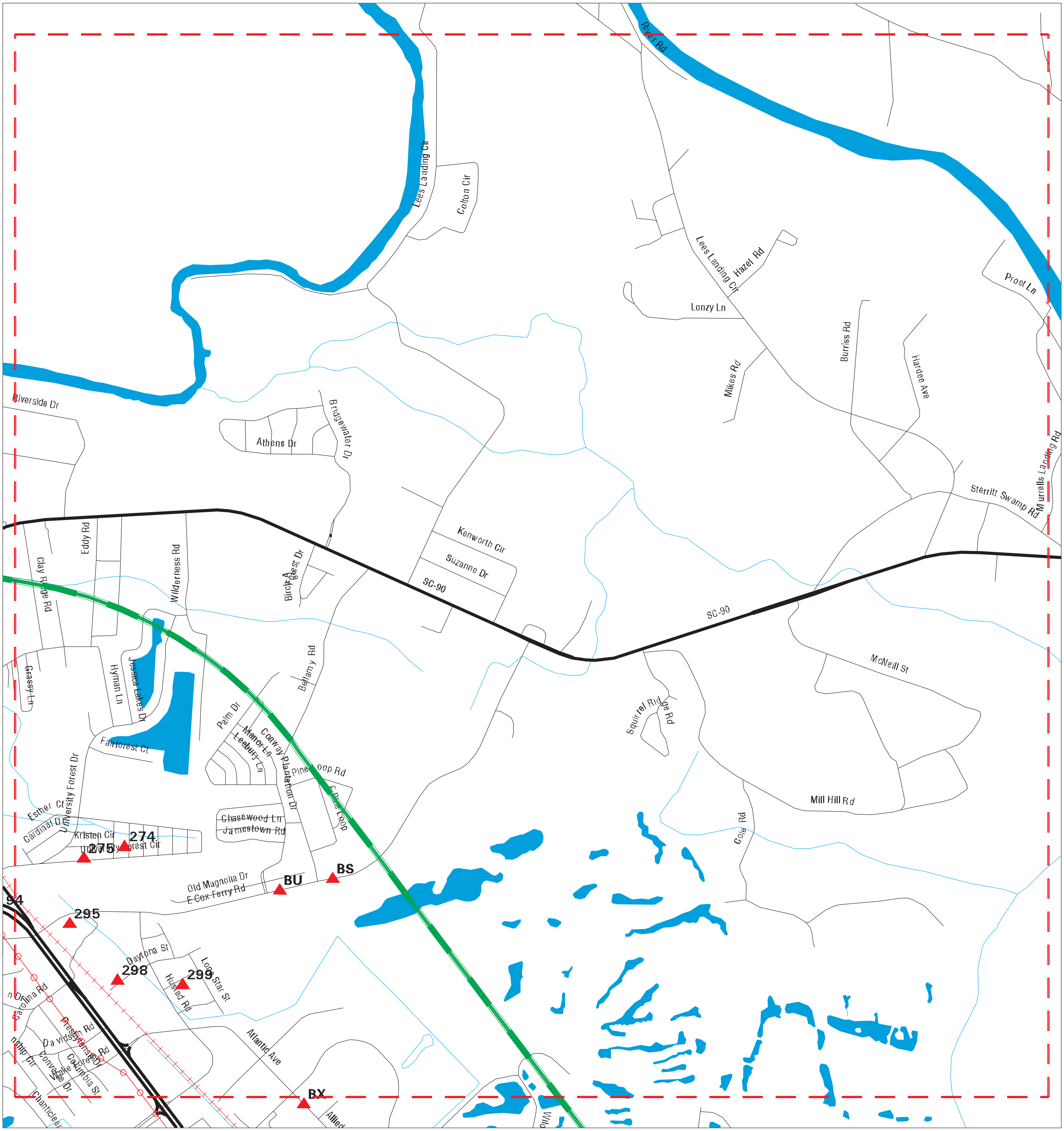
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
BJ247 / 14	DOLPHUS M. GRAINGER	1605 MARINA DRIVE	COAL ASH EPA	TP
BJ248 / 14	SCPSA - SANTEE COOPE	1605 MARINA DR	SHWS, GWCI	TP
BJ249 / 14	DOLPHUS M. GRAINGER	1605 MARINA DRIVE	COAL ASH EPA	TP
BJ250 / 14	SCPSA GRAINGER GENER	1605 MARINA DR	LUST, UST	TP
BJ251 / 14	SANTEE COOPER DOLPHU	1605 MARINA DRIVE	ECHO	TP
252 / 14	SEABOARD PETROLEUM	1221 HWY 501 BUS	GWCI	TP
BK253 / 14	CANFOR SOUTHERN PINE	1283 HIGHWAY 501 BUS	ECHO	TP
BK254 / 14	NEW SOUTH WOOD PRESE	1283 HWY 501 BUSINES	RCRA-VSQG, SHWS	TP
256 / 14	AMOCO UNOCAL SEABOAR	532 AMBER LN	EDR Hist Auto	TP
257 / 14	H R CORPORATION OF B	766 HIGHWAY 501 E	EDR Hist Auto	TP
BL258 / 14	RED HILL RECOVERED C	127 FRENCH COLLINS R	ECHO	TP
BL259 / 14	SOUTHEAST INDUSTRIAL	127 FRENCH COLLINS R	RCRA-VSQG	TP
BL260 / 14	SOUTHEAST INDUSTRIAL	127 FRENCH COLLINS R	ECHO	TP
261 / 14	CONCRETE SUPPLY CO.,	151 OLE WOODWARD RD	ECHO	TP
BM263 / 14	FOOD SHOP MARATHON	1300 HWY 501 BUSINES	LUST, UST, GWCI	TP
BM264 / 14	FOOD SHOP MARATHON	1300 HWY 501 BUSINES	UST	TP
BM265 / 14	3S CORPORATION	1300 HWY 501 BUSINES	EDR Hist Auto	TP
268 / 14	PELICAN MILLWORK	150 OLE WOODWARD AVE	UST	TP
BO271 / 14	H R CORPORATION OF B	1019 HIGHWAY 501 E	EDR Hist Auto	TP
BO272 / 14	BUCKWOOD SHELL	1108 HWY 501	LUST, UST, GWCI	TP
273 / 14	C A TIMBES INC	PO BOX 826	LUST, UST	TP
BP276 / 14	PIT STOP	1209 HWY 501	LUST, UST	TP
BP277 / 14	501 PIT STOP	1209 HIGHWAY 501 E	EDR Hist Auto	TP
BQ278 / 14	COASTAL COCA COLA BO	1160 HWY 501	LUST, UST	TP
BQ279 / 14	PIEDMONT COCA COLA B	1160 HWY 501	LUST, UST	TP
BR280 / 14	SPEEDWAY 4595	1365 HWY 501 E	UST	TP
BR281 / 14	SPEEDWAY 4595	1365 HIGHWAY 501 EAS	ECHO	TP
BR282 / 14	SPEEDWAY 4595	1365 HIGHWAY 501 EAS	RCRA-VSQG	TP
283 / 14	BUILDERS FIRST SOURC	1291 HWY 501	ECHO	TP
BT287 / 14	RED HILL STATION	1364 HWY 501 E	LUST, UST, GWCI	TP
BT291 / 14	FORMER TWILIGHT STAT	1390 HWY 501 E BYPAS	GWCI	TP
BV292 / 14	FORMER TWILIGHT STAT	1390 HWY 501 E BYPAS	LUST, UST	TP
BV293 / 14	CIRCLE K 2723150	1390 HWY 501 E	UST	TP
294 / 14	FOOD CHIEF 35	1600 HIGHWAY 501 E	EDR Hist Auto	TP
296 / 14	EAGLE TRANSMISSIONS	473 HIGHWAY 544 UNIT	EDR Hist Auto	TP
297 / 14	SKIPPERS CLEANERS LL	1925 HIGHWAY 544	EDR Hist Cleaner	TP
301 / 14	SCOTCHMAN 3118	510 HWY 544	LUST, UST, GWCI	TP
302 / 14	COASTAL CAROLINA UNI	100 CHANTICLEER DRIV	RCRA-VSQG	TP
304 / 14	RUSSELL WISE	EDWARDS ROAD	ECHO	TP

MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
BW305 / 14	CIRCLE K 2723225	669 HWY 544	LUST, UST, GWCI	TP
BW306 / 14	PANTRY INC	669 HIGHWAY 544	EDR Hist Auto	TP
307 / 14	JIFFY SHOP	695 HWY SC 544	LUST, UST, GWCI	TP

Focus Map - 15 - 6226165.2s



Sites | Focus Map - Sites | Indian Reservations BIA | Target Property | Power Line | Search Buffer | National Priority List Sites | Focus Map - No Sites | Dept. Defense Sites

0 | 1/4 | 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 15

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
274 / 15		704 RAINTREE LN	CDL	TP
275 / 15		612 UNIVERSITY FORES	CDL	TP
BS284 / 15	WADE TRUCKING INC	289 E COX FERRY RD	EDR Hist Cleaner	TP
BS285 / 15	HD SUPPLY CONSTRUCTI	269 E COX FERRY RD	RCRA-VSQG	TP
BS286 / 15	HD SUPPLY CONSTRUCTI	269 E COX FERRY RD	ECHO	TP
BU288 / 15	PENSKE TRUCK LEASING	213 E COX FERRY RD	RCRA-VSQG	TP
BU289 / 15	PENSKE TRUCK LEASING	213 E COX FERRY RD	ECHO	TP
BU290 / 15	BAUSCH LINNEMANN SOU	201 E COX FERRY	ECHO	TP
295 / 15	PYA MONARCH INC	HWY 501 E	LUST, UST, GWCI	TP
298 / 15	B3C FUEL SOLUTIONS L	108 DAYTONA ST	ECHO	TP
299 / 15	COASTAL CLEANERS	217 LABONTE STREET	DRYCLEANERS	TP

Focus Map - 16 - 6226165.2s

Sites

Target Property

Search Buffer

Focus Map - No Sites

Focus Map - Sites

Power Line

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

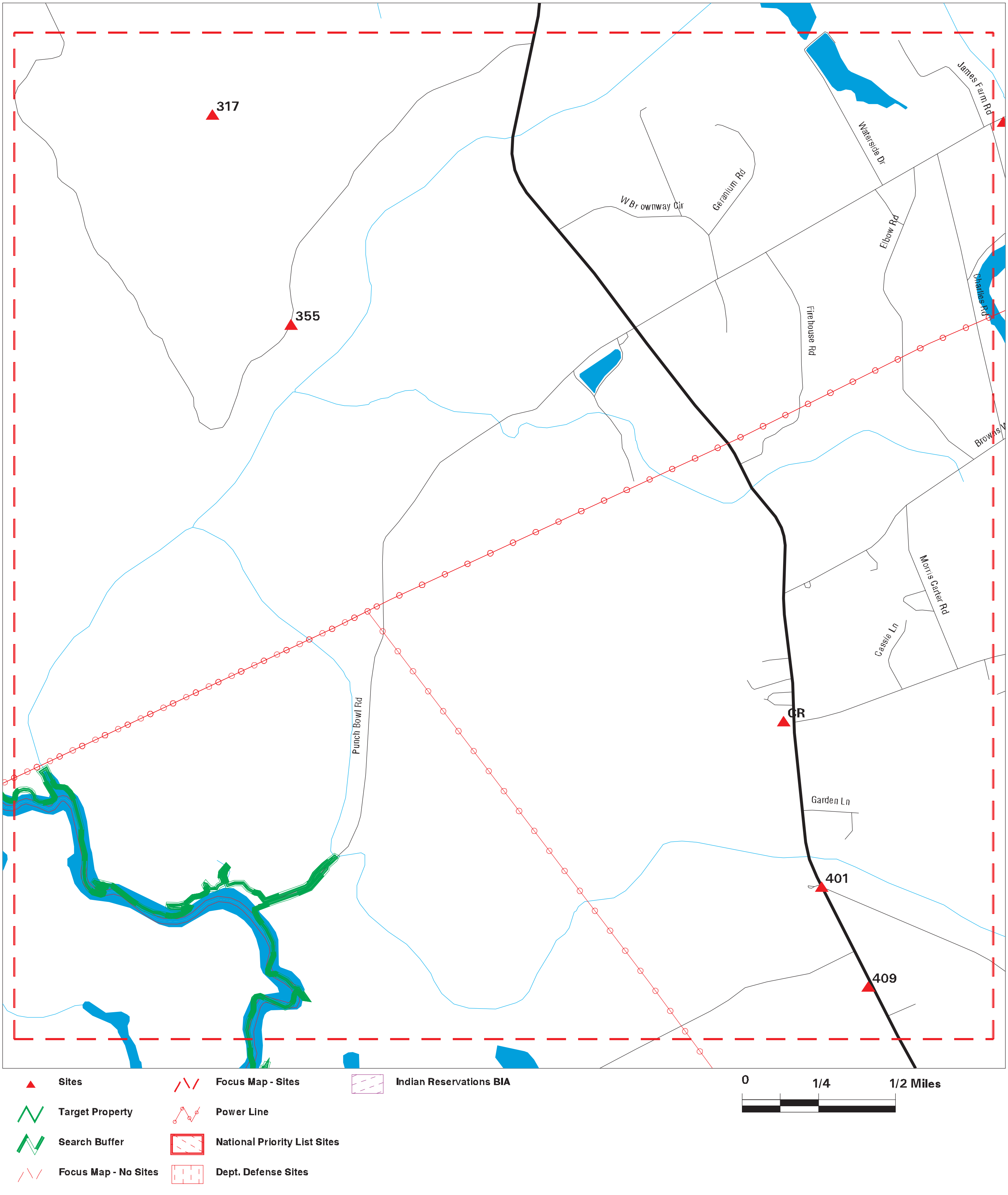
MAPPED SITES SUMMARY - FOCUS MAP 16

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 17 - 6226165.2s



SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 17

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
317 / 17	D & L SITEWORK/CATES	PEE DEE HWY (SC-24)	ECHO	TP
355 / 17	COASTAL SAND LLC/BRU	DARLING LAKE RD	ECHO	TP
CR389 / 17	WACCAMAW GROCERY	4823 PEE DEE HWY	UST	TP
CR390 / 17	STAMEY JERRY	4823 PEE DEE HWY	EDR Hist Auto	TP
CR391 / 17	WACCAMAW GROCERY	4823 PEE DEE HWY	UST	TP
CR392 / 17	WACCAMAW GROCERY	4823 PEE DEE HWY	LUST, UST	TP
401 / 17	PAULEY SWAMP WELL RE	PEE DEE HWY AND PAUL	ECHO	TP
409 / 17		4434 PEEDEE HWY	CDL	TP

Focus Map - 18 - 6226165.2s

▲	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 18

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
318 / 18	FAY MARTINS GROCERY	6251 KATES BAY HWY	UST	TP

Focus Map - 19 - 6226165.2s

Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

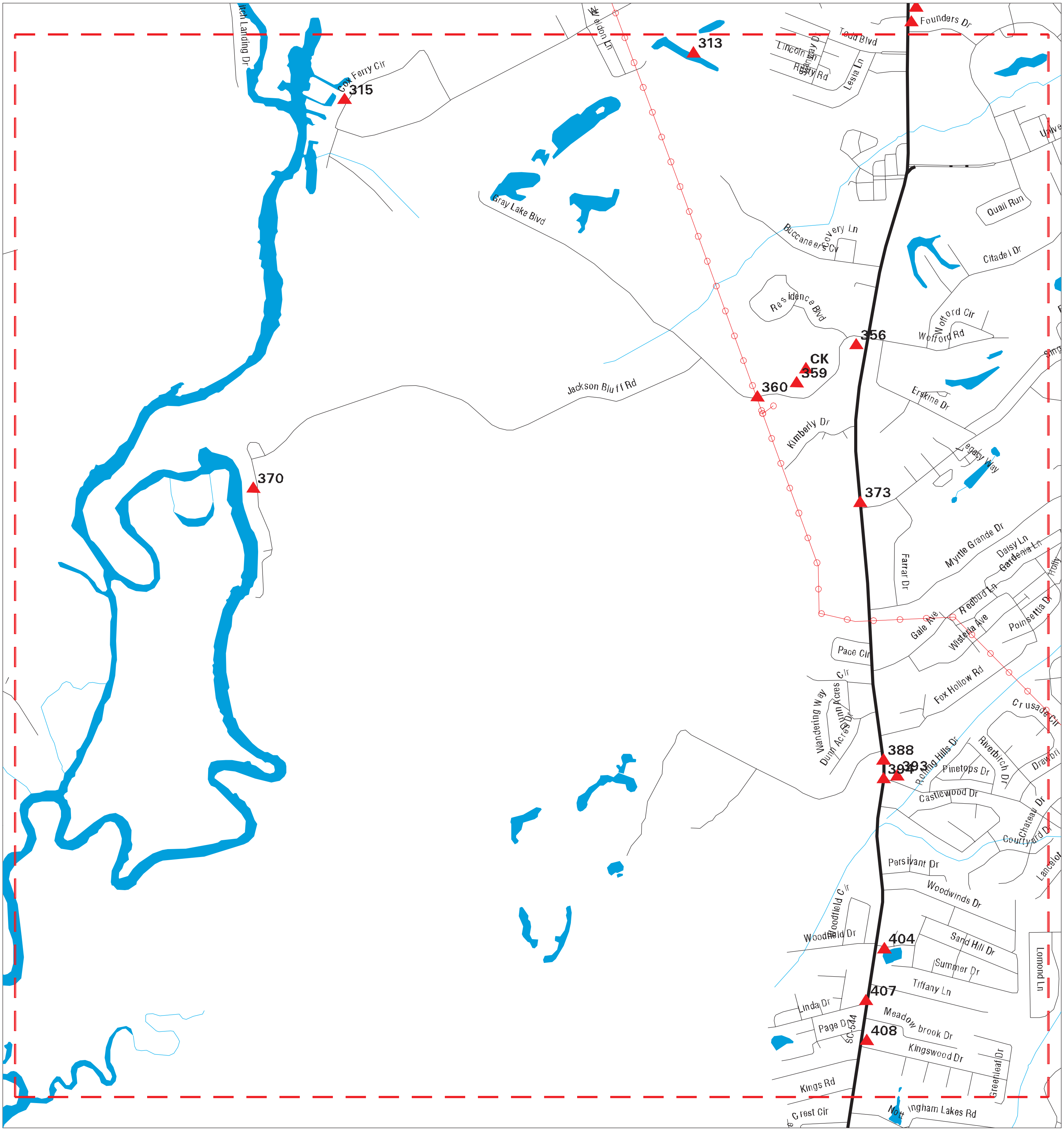
SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 19

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
331 / 19	BRB CONSTRUCTION (MO	1999 PITCH LANDING R	ECHO	TP

Focus Map - 20 - 6226165.2s



- Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA

0 1/4 1/2 Miles

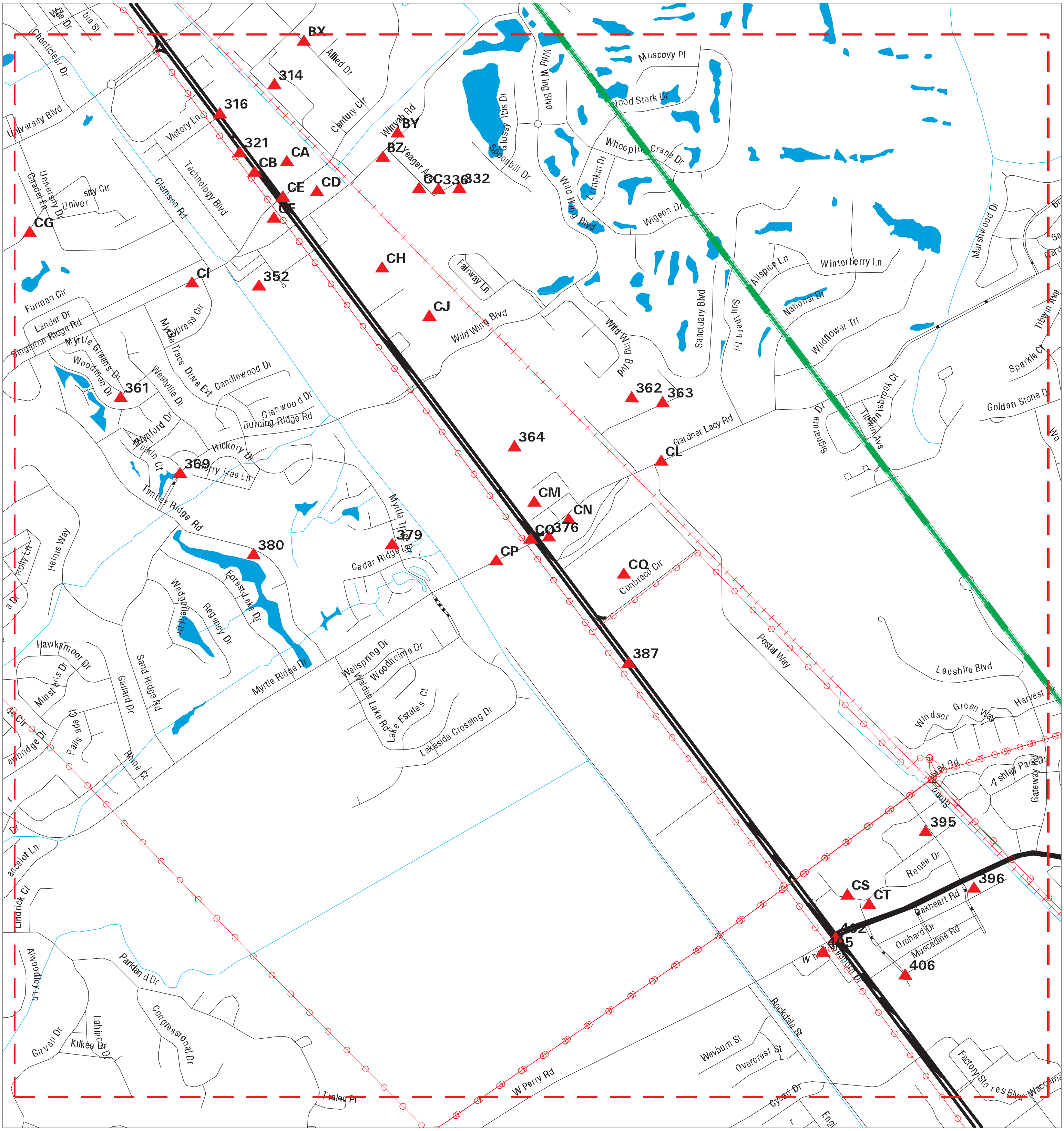
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 20

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
313 / 20	WEAVER COMPANY/COX F	825 W COX FERRY RD	ECHO	TP
315 / 20	WETLANDS (DR. ARTURO	932 COX FERRY CIRCLE	ECHO	TP
356 / 20	CIRCLE K 3187	1200 HWY 544	LUST, UST	TP
CK357 / 20	GRAND STRAND WATER &	166 JACKSON BLUFF RD	LUST, UST	TP
CK358 / 20	GRAND STRAND WATER &	166 JACKSON BLUFF RD	LUST, UST	TP
359 / 20	GRAND STRAND WATER A		SWF/LF	TP
360 / 20	COASTAL RECLAMATION		SWF/LF	TP
370 / 20	SUN MART LLC	920 JACKSON BLUFF RD	EDR Hist Auto	TP
373 / 20	CIRCLE K 2720908	1500 HWY 544	LUST, UST	TP
388 / 20	WALGREENS 17460	1905 HWY 544	RCRA-VSQG, ECHO	TP
393 / 20	SPEEDWAY 4588	1931 HWY 544	LUST, UST	TP
394 / 20	SPEEDWAY 4588	1931 HWY 544	ECHO	TP
404 / 20		946 PEPPERWOOD DR	CDL	TP
407 / 20	J A GROCERY	2290 HWY 544	LUST, UST	TP
408 / 20	HORRY COUNTY FIREWOR	SC 544 (4MILES S. OF	SEMS-ARCHIVE, SHWS	TP

Focus Map - 21 - 6226165.2s



Sites | Focus Map - Sites | Indian Reservations BIA
Target Property | Power Line
Search Buffer | National Priority List Sites
Focus Map - No Sites | Dept. Defense Sites

0 | 1/4 | 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 21

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

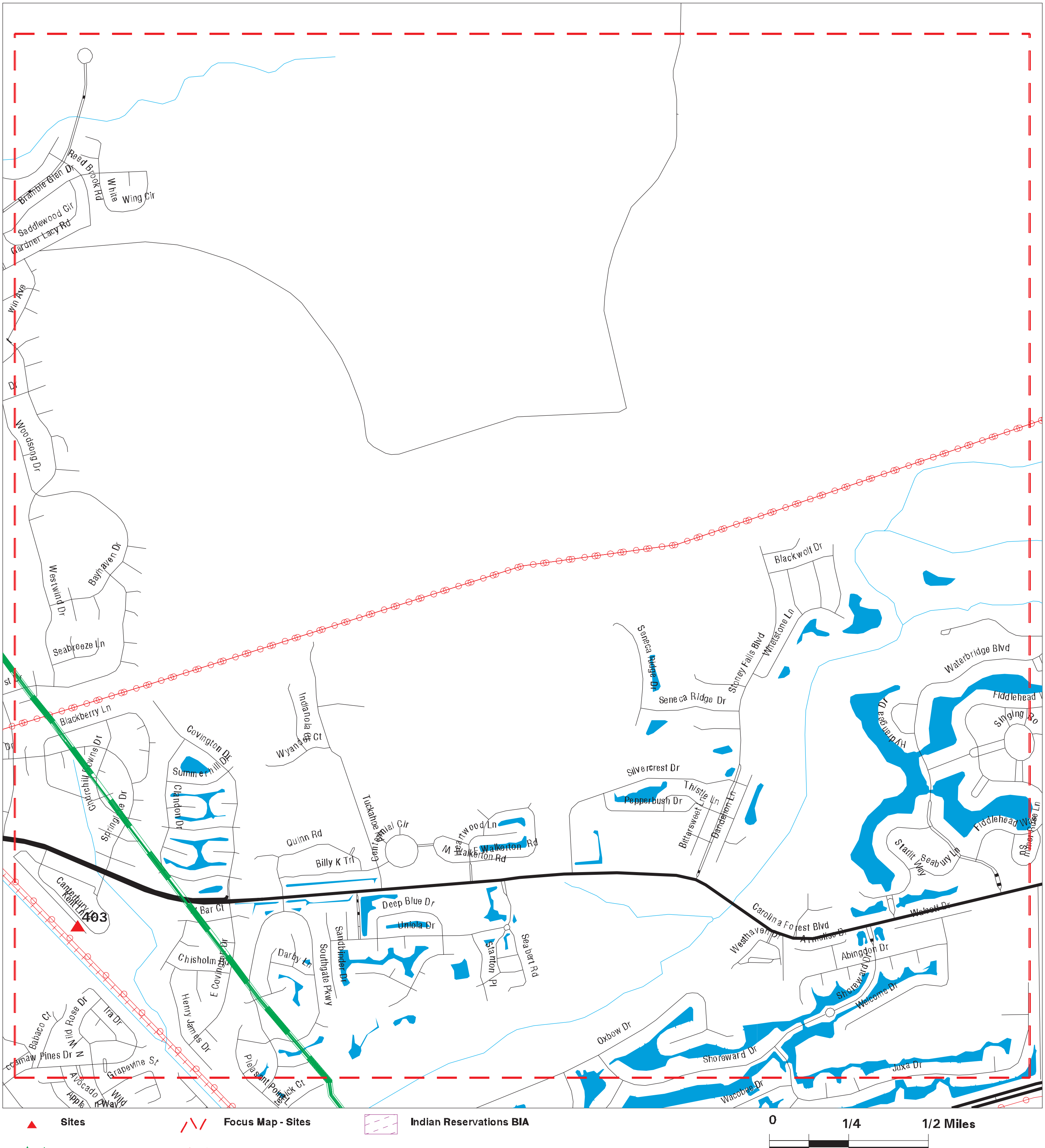
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
BX308 / 21	COASTAL CAROLINA UNI	301 ALLIED DR	ECHO	TP
BX309 / 21	COASTAL CAROLINA UNI	301 ALLIED DR	RCRA-SQG	TP
BX310 / 21	ALLIED MANUFACTURING	370 ALLIED DRIVE	ECHO	TP
BX311 / 21	PPM CRANES INCORPORA	370 ALLIED DRIVE	ECHO	TP
BX312 / 21	METGLAS INC	440 ALLIED DR	RCRA-SQG, ECHO	TP
314 / 21	GROVE MANUFACTURING	S.W. OF HWY 501 ACRO	SEMS-ARCHIVE	TP
316 / 21	HORRY COUNTY SCHOOL	2205 HWY 501 W	LUST, UST	TP
BY319 / 21	HD SUPPLY WATERWORKS	157 WINYAH RD	ECHO	TP
BY320 / 21	C R JACKSON INC CONW	154 WINYAH RD	ECHO	TP
321 / 21	MINUTEMAN FOOD MART	2230 HWY 501 W (CHUR	LUST, UST	TP
BZ322 / 21	SCHAFER DIST CO	140 WINYAH RD	UST	TP
CA323 / 21	LOWES OF CONWAY 1705	2301 E HIGHWAY 501	RCRA-SQG	TP
CA324 / 21	LOWES OF CONWAY 1705	2301 E HIGHWAY 501	ECHO	TP
BZ325 / 21	S&W CONWAY PLANT	130 WINYAH ROAD	ECHO	TP
BZ326 / 21	S&W READY MIX CONCRE	130 WINYAH RD	ECHO	TP
CB327 / 21	COASTAL CLEANERS	2278 HWY 501 E	ECHO	TP
CB328 / 21	COASTAL CLEANERS	2278 HWY 501 E	RCRA-VSQG	TP
CB329 / 21	COASTAL CLEANERS LLC	2278 E HIGHWAY 501	EDR Hist Cleaner	TP
CB330 / 21	FAMILY DOLLAR 7970	2294 EAST HWY 501	RCRA-VSQG, ECHO	TP
332 / 21	SOUTHERN ASPHALT/EAG	SWITCH (OLD CCC) RD	ECHO	TP
CC333 / 21	COASTAL CONCRETE SOU	69 PEBBLE RD	ECHO	TP
CC334 / 21	COASTAL CONCRETE MYR	202 YEAGER DR	ECHO	TP
CC335 / 21	BONKLAN GLEN	202 YEAGER AVE	EDR Hist Auto	TP
336 / 21	SOUTHERN ASPHALT	229 YEAGER AVE	ECHO	TP
CD337 / 21	FOWLER MOTORS INC	2351 HWY 501	GWCI	TP
CD338 / 21	FOWLER MOTORS INCORP	2351 HWY 501	ECHO	TP
CD339 / 21	FOWLER MOTORS	2351 HWY 501	SEMS-ARCHIVE, RCRA-VSQG	TP
CE340 / 21	HADWIN WHITE PONTIAC	2325 HWY 501E	RCRA-VSQG	TP
CE341 / 21	HADWIN WHITE PONTIAC	2325 HWY 501 E	LUST, UST, GWCI	TP
CF342 / 21	76 AVE ASSOC	2330 HIGHWAY 501 E	EDR Hist Auto	TP
CF343 / 21	SCOTCHMAN 3133	2354 HWY 501 E	LUST, UST, GWCI	TP
CG344 / 21	COASTAL CAROLINA UNI	107 CITADEL DR	RCRA-VSQG	TP
CG345 / 21	COASTAL CAROLINA UNI	107 CITADEL DR	ECHO	TP
CG346 / 21	QUAIL CREEK GOLF CLU	107 CITADEL DR	LUST, UST	TP
CH347 / 21	TYSON SIGN COMPANY I	2487 HWY 501 E	ECHO	TP
CH348 / 21	TYSON SIGN COMPANY I	2487 HWY 501 E	RCRA-VSQG	TP
CI349 / 21	CONWAY MEDICAL CENTE	300 SINGLETON RIDGE	ECHO	TP
CI350 / 21	CONWAY MEDICAL CENTE	300 SINGLETON RIDGE	RCRA-SQG	TP
CI351 / 21	CONWAY MEDICAL CENTE	300 SINGLETON RIDGE	UST	TP

MAPPED SITES SUMMARY - FOCUS MAP 21

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
352 / 21	COASTAL CAROLINA HOS	152 WACCAMAW MEDICAL	LUST, UST	TP
CJ353 / 21	SUN COAST MAZDA MITS	2515 HWY 501 E	RCRA-VSQG	TP
CJ354 / 21	SUN COAST MAZDA MITS	2515 HIGHWAY 501 EAS	ECHO	TP
361 / 21	COASTAL REALTY & DEV	395 MYRTLE GREEN DR	ECHO	TP
362 / 21	MYRTLE BEACH GARAGE	305 B GARDNER LACY R	UST	TP
363 / 21	SANTEE COOPER	305 A GARDNER LACY R	UST	TP
364 / 21	AVX - AMERICAN GEAR	HWY 501	SHWS	TP
CL365 / 21	SANTEE COOPER MYRTLE	305C GARDNER LACY RD	RCRA-VSQG	TP
CL366 / 21	SANTEE COOPER MYRTLE	305C GARDNER LACY RD	ECHO	TP
CL367 / 21	SANTEE COOPER DIV TR	305 GARDENER LACY RO	RCRA-VSQG	TP
CL368 / 21	SANTEE COOPER DIVISI	305 GARDENER LACY RO	ECHO	TP
369 / 21	BURNING RIDGE GOLF C	500 BURNING RIDGE RD	LUST, UST	TP
CM371 / 21	WOLVERINE BRASS INC	2951 HWY 501 E	CORRACTS, RCRA-TSDF, RCRA-LQG, GWCI	TP
CM372 / 21	WOLVERINE BRASS INC	2951 HWY 501 E	SHWS, ECHO	TP
CN374 / 21	COASTAL CLEANERS	156 GARDNER LACY RD	SHWS, DRYCLEANERS	TP
CN375 / 21	WOLVERINE BRASS WORK	HWY 501 E	SEMS-ARCHIVE	TP
376 / 21	SCOTCHMAN 3029	3047 HWY 501 E	LUST, UST, GWCI	TP
CO377 / 21	CVS PHARMACY 7654	2996 E HWY 501	RCRA-VSQG	TP
CO378 / 21	CVS PHARMACY 7654	2996 E HWY 501	ECHO	TP
379 / 21	MYRTLE TRACE HOA	177 MYRTLE TRACE DR	ECHO	TP
380 / 21	JANICE CIRCLE MHP	8220 TIMBER RIDGE RD	ECHO	TP
CP381 / 21	GWS - WALMART 4664 -	151 MYRTLE RIDGE RD	ECHO	TP
CP382 / 21	WALMART SUPERCENTER	151 MYRTLE RIDGE RD	ECHO	TP
CP383 / 21	WALMART SUPERCENTER	151 MYRTLE RIDGE RD	RCRA-SQG	TP
CP384 / 21	MURPHY EXPRESS 8585	150 MYRTLE RIDGE RD	UST	TP
CQ385 / 21	CONBRACO INDUSTRIES	125 HIGHWAY 501 EAST	ECHO	TP
CQ386 / 21	CONBRACO INDUSTRIES	125 HWY 501 E	RCRA-LQG	TP
387 / 21	HADWIN WHITE PONT BU	6013 HIGHWAY 501 EAS	ECHO	TP
395 / 21	CONWAY CLEANERS	4012 POSTAL WAY STE	EDR Hist Cleaner	TP
396 / 21	SCOTCHMAN 3225	4101 POSTAL WAY	UST	TP
CS397 / 21	KROGER 0026-11	3735 RENEE DR	RCRA-VSQG, ECHO	TP
CS398 / 21	KROGER FUEL CENTER 0	3735 RENEE DR	UST	TP
CT399 / 21	SCOTCHMAN 3123	3774 RENEE DR	UST	TP
CT400 / 21	SCOTCHMAN 3123	3774 RENEE DR	LUST	TP
402 / 21	ASHFORD SUBDIVISION	OF US HWY 501 & PERR	ECHO	TP
405 / 21	SCOTCHMAN 3121	104 SEABORN DR	UST	TP
406 / 21	GANDER MOUNTAIN 330	1049 GLENFOREST	RCRA-VSQG, ECHO	TP

Focus Map - 22 - 6226165.2s



- Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA

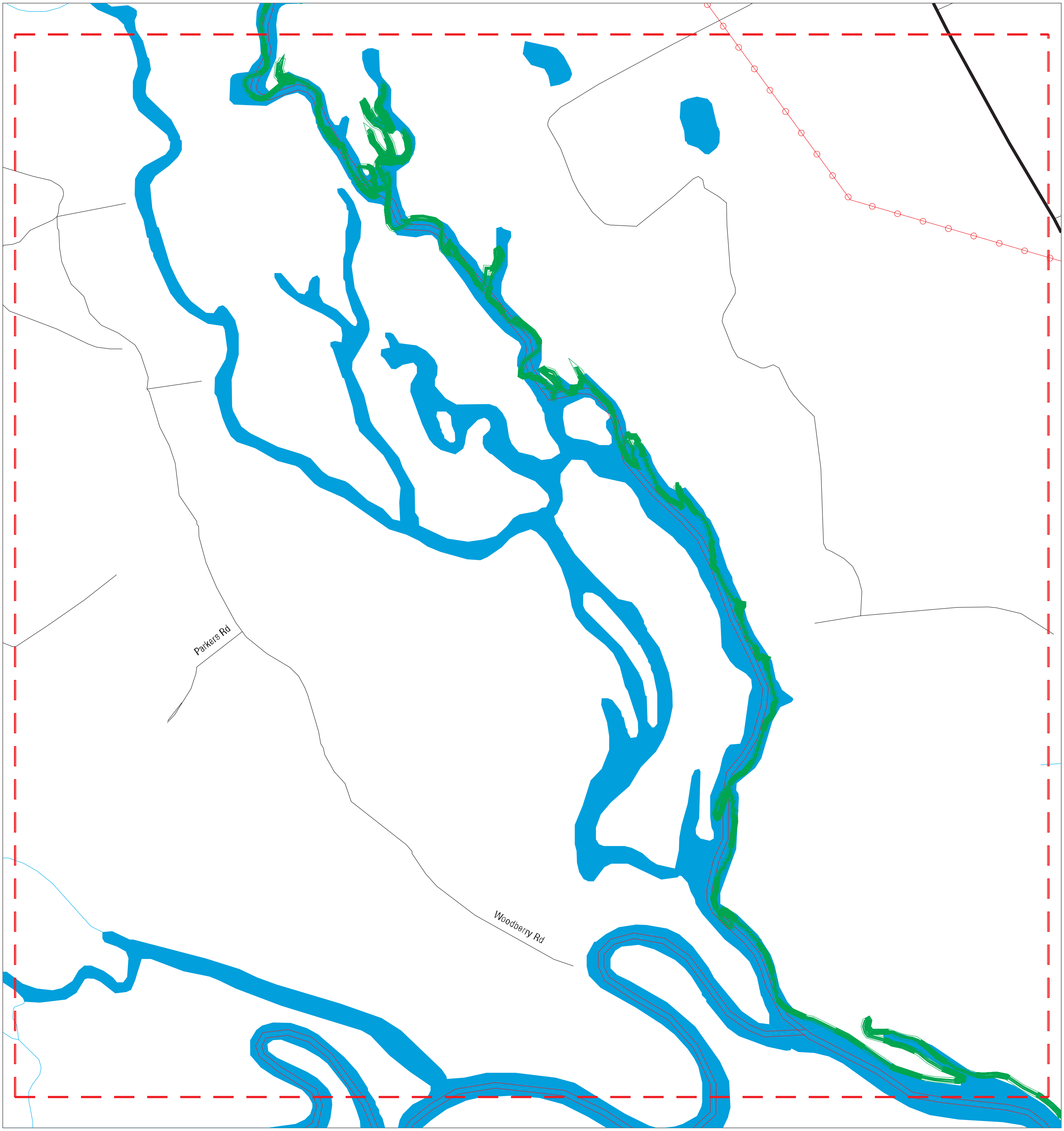
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 22

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
403 / 22		607 KENT LN	CDL	TP

Focus Map - 23 - 6226165.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

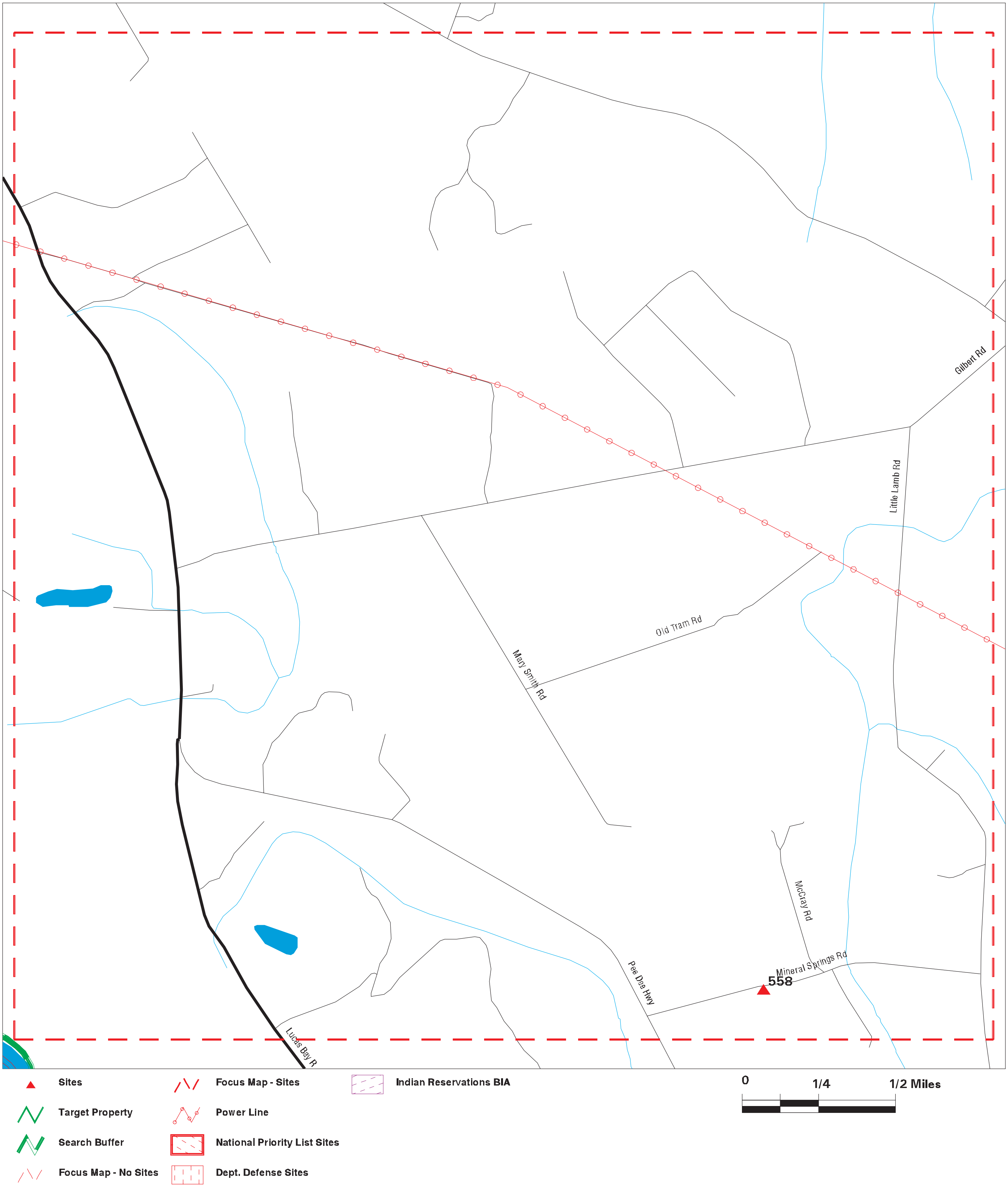
MAPPED SITES SUMMARY - FOCUS MAP 23

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 24 - 6226165.2s



SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 24

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
558 / 24	HARRELSON CONSTRUCTI	2045 MINERAL SPRINGS	SHWS	TP

Focus Map - 25 - 6226165.2s

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

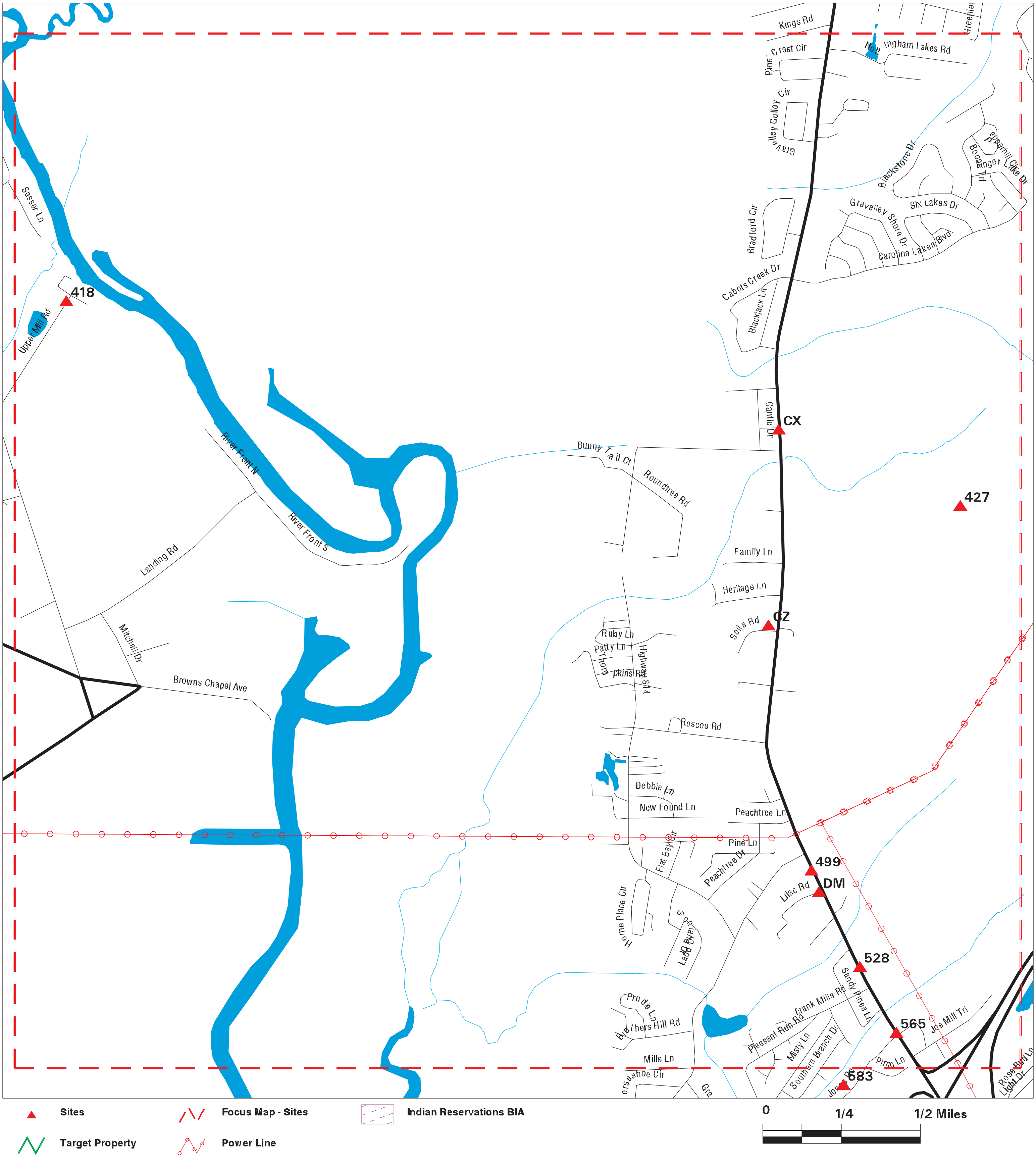
MAPPED SITES SUMMARY - FOCUS MAP 25

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 26 - 6226165.2s



- Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA

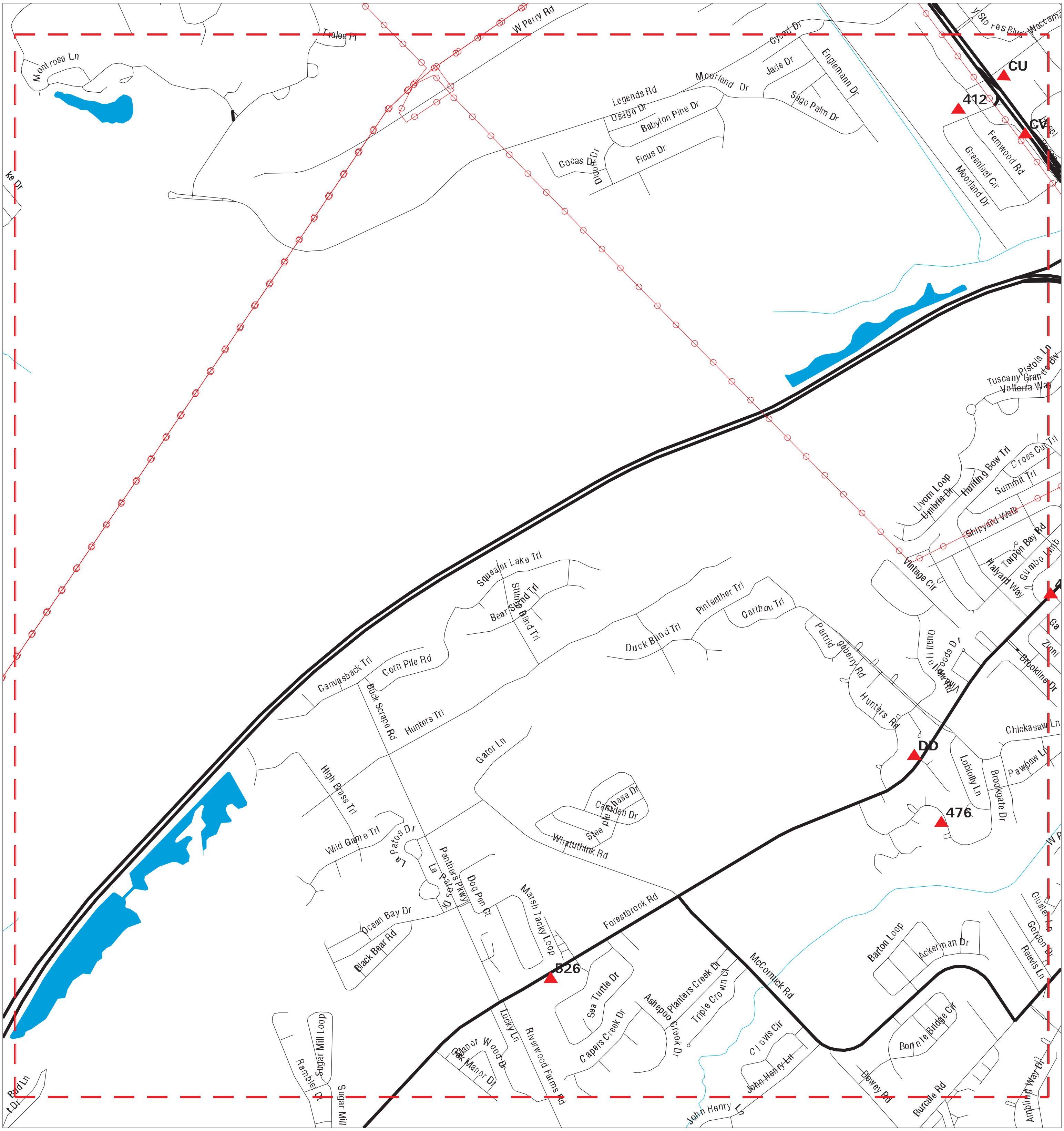
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

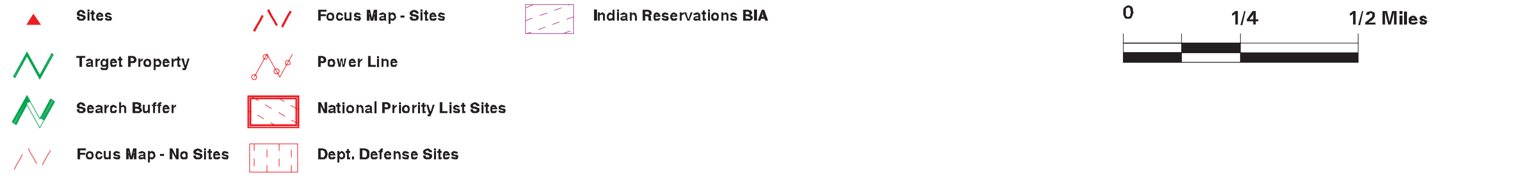
MAPPED SITES SUMMARY - FOCUS MAP 26

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
418 / 26	CAVU INCORPORATED	105 UPPER MILL DRIVE	ECHO	TP
CX425 / 26	CVS PHARMACY 1140	101 FETLOCK DR	ECHO	TP
CX426 / 26	CVS PHARMACY 1140	101 FETLOCK DR	RCRA-VSQG	TP
427 / 26	A O HARDEE & SONS		SWF/LF	TP
CZ431 / 26	SOCASTEE MINI MART	8545 HIGHWAY 544	EDR Hist Auto	TP
CZ432 / 26	EASY STOP GROCERY	8545 HWY 544	LUST, UST	TP
499 / 26	MYRTLE BEACH UST	7851 HWY 544	LUST, UST	TP
DM509 / 26	HAKSIM INC DBA PEACH	7981 HWY 544	LUST, UST	TP
DM511 / 26	MYRTLE BEACH BODY WO	HWY 544 & N LILAC RD	RCRA-VSQG	TP
528 / 26	ROBERT O COLLINS/SOC	7600 HIGHWAY 544	ECHO	TP
565 / 26	ROBERT O COLLINS/FOR	7600 HWY 544	ECHO	TP

Focus Map - 27 - 6226165.2s





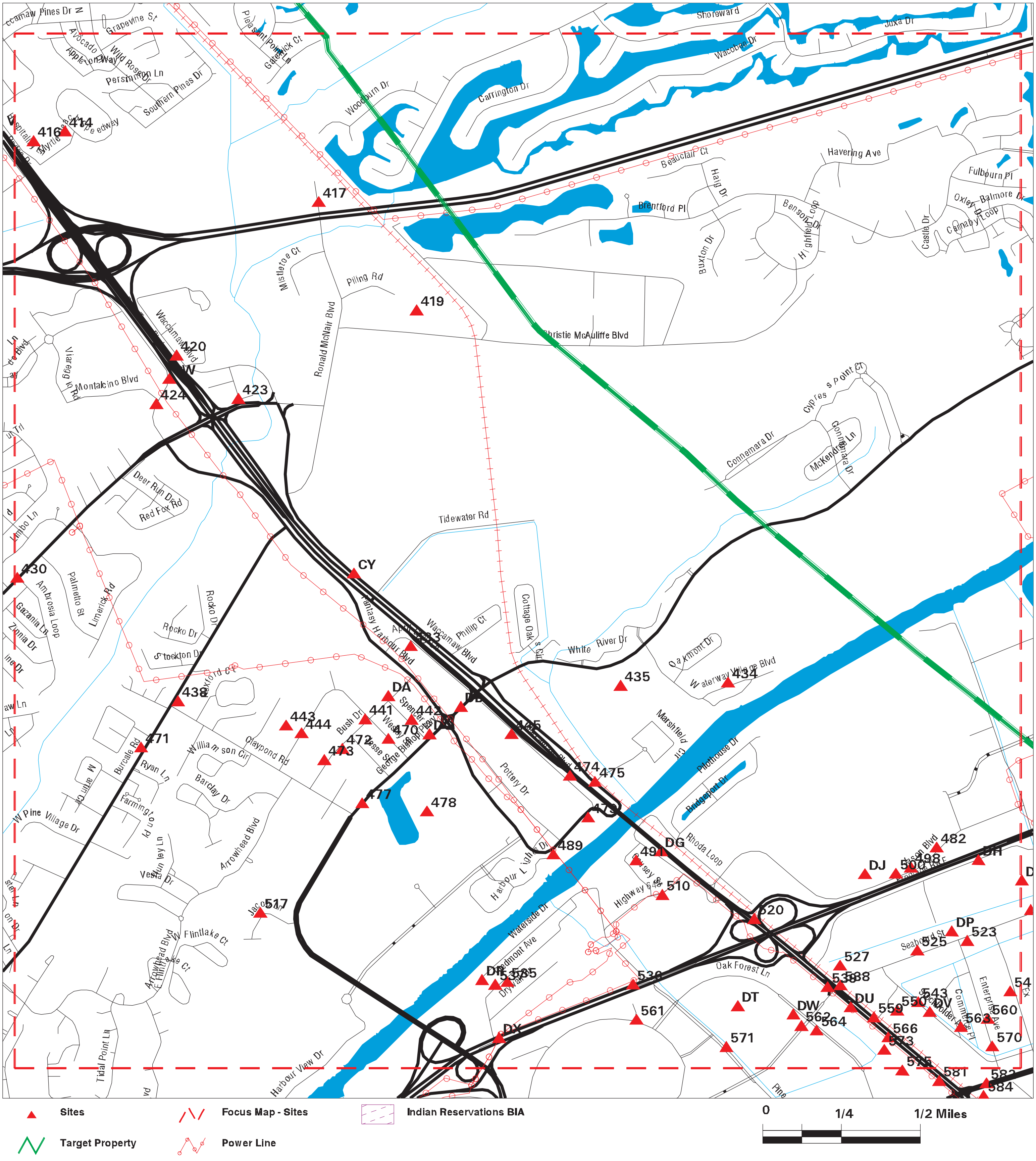
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 27

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
CU410 / 27	CIRCLE K 2723071	4408 HWY 501	UST	TP
CU411 / 27	PANTRY INC	4408 HIGHWAY 501	EDR Hist Auto	TP
412 / 27	WACCAMAW BRICK	305 GREENLEAF CIR	LUST, UST	TP
CV413 / 27	CAR TUNE OF MYRTLE B	4361 HWY 501	EDR Hist Auto	TP
CV415 / 27	TRUETTS AUTO COLLISI	4345 HWY 501	RCRA-VSQG, ECHO	TP
DD468 / 27	FORESTBROOK GROCERY	1272 FORESTBROOK RD	EDR Hist Auto	TP
DD469 / 27	FORESTBROOK GROCERY	1272 FORESTBROOK RD	LUST, UST	TP
476 / 27	ADAMS GULF SERVICE S	131 BROOKGATE DR	EDR Hist Auto	TP
526 / 27	NEW IMAGE UPHOLSTERY	2507 FRESTBROOK RD U	EDR Hist Cleaner	TP

Focus Map - 28 - 6226165.2s



SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 28

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
414 / 28	MYRTLE BEACH SPEEDWA	455 HOSPITALITY LN	LUST, UST	TP
416 / 28	ADDYS HARBOR DODGE &	4340 HWY 501 W	RCRA-VSQG, ECHO	TP
417 / 28	APAC ATLANTIC INC MY	514 RONALD MCNAIR BL	ECHO	TP
419 / 28	THOMPKINS C&D DUMP		SWF/LF	TP
420 / 28	GRAND STRAND NISSAN	4070 HWY 501	RCRA-VSQG, ECHO	TP
CW421 / 28	RICK SPARKS ENTERPRI	3930 HWY 501 WEST	RCRA-VSQG	TP
CW422 / 28	PANTRY 246	3904 US HWY 501	LUST, UST	TP
423 / 28	SHARPSHOOTER IMAGING	8901B BUSINESS 17	ECHO	TP
424 / 28	FAMILY DOLLAR 8335	3511 BELLE TERRE BLV	ECHO	TP
CY428 / 28	CIRCLE K 2723064	3710 WACCAMAW BLVD	GWCI	TP
CY429 / 28	CIRCLE K 2723064	3710 WACCAMAW BLVD	LUST, UST	TP
430 / 28	FORESTBROOK GROCERY	700 FORESTBROOK RD	EDR Hist Auto	TP
433 / 28	SUNCO POOL CO INC	116 APRIL GRAY LN	ECHO	TP
434 / 28	BP VENTURES LLC	617 WATERWAY VILLAGE	EDR Hist Auto	TP
435 / 28	LAPELS DRY CLEANING	492 RIVER OAKS DR	EDR Hist Cleaner	TP
DA436 / 28	NEXT MEDIA OUTDOOR	208 BUSH DR	RCRA-VSQG, ECHO	TP
DA437 / 28	GOLDEN STRAND BODY S	212 BUSH DRIVE WACCA	ECHO	TP
438 / 28	COASTAL PETRO LLC	595 BURCALE RD	UST	TP
DB439 / 28	SUN MART LLC	102 GEORGE BISHOP PK	EDR Hist Auto	TP
DB440 / 28	SUNHOUSE PETROLEUM #	102 GEORGE BISHOP PK	LUST, UST, GWCI	TP
441 / 28	CAROLINA ASSEMBLIES	311 WESLEY ST	ECHO	TP
442 / 28	COASTAL PAPER CO INC	182 SPENCER ST	ECHO	TP
443 / 28	FORESTBROOK REMOTE S	BURCALE RD	LUST, UST	TP
444 / 28	SUN GRAPHICS INC	340 WESLEY ST	ECHO	TP
445 / 28	EASYRIDERS OF MYRTLE	4019 HWY 501	ECHO	TP
DC446 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC447 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC448 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC449 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC450 / 28	UPS MYRTLE BEACH	200 GEORGE BISHOP PK	UST	TP
DC451 / 28	UPS MYRTLE BEACH	200 GEORGE BISHOP PK	LUST, UST	TP
DC452 / 28		200 GEORGE BISHOP BL	HMIRS	TP
DC453 / 28			HMIRS	TP
DC454 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC455 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC456 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC457 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC458 / 28	UNITED PARCEL SERVIC	200 GEORGE BISHOP PA	RCRA-VSQG, ECHO	TP
DC459 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP

MAPPED SITES SUMMARY - FOCUS MAP 28

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

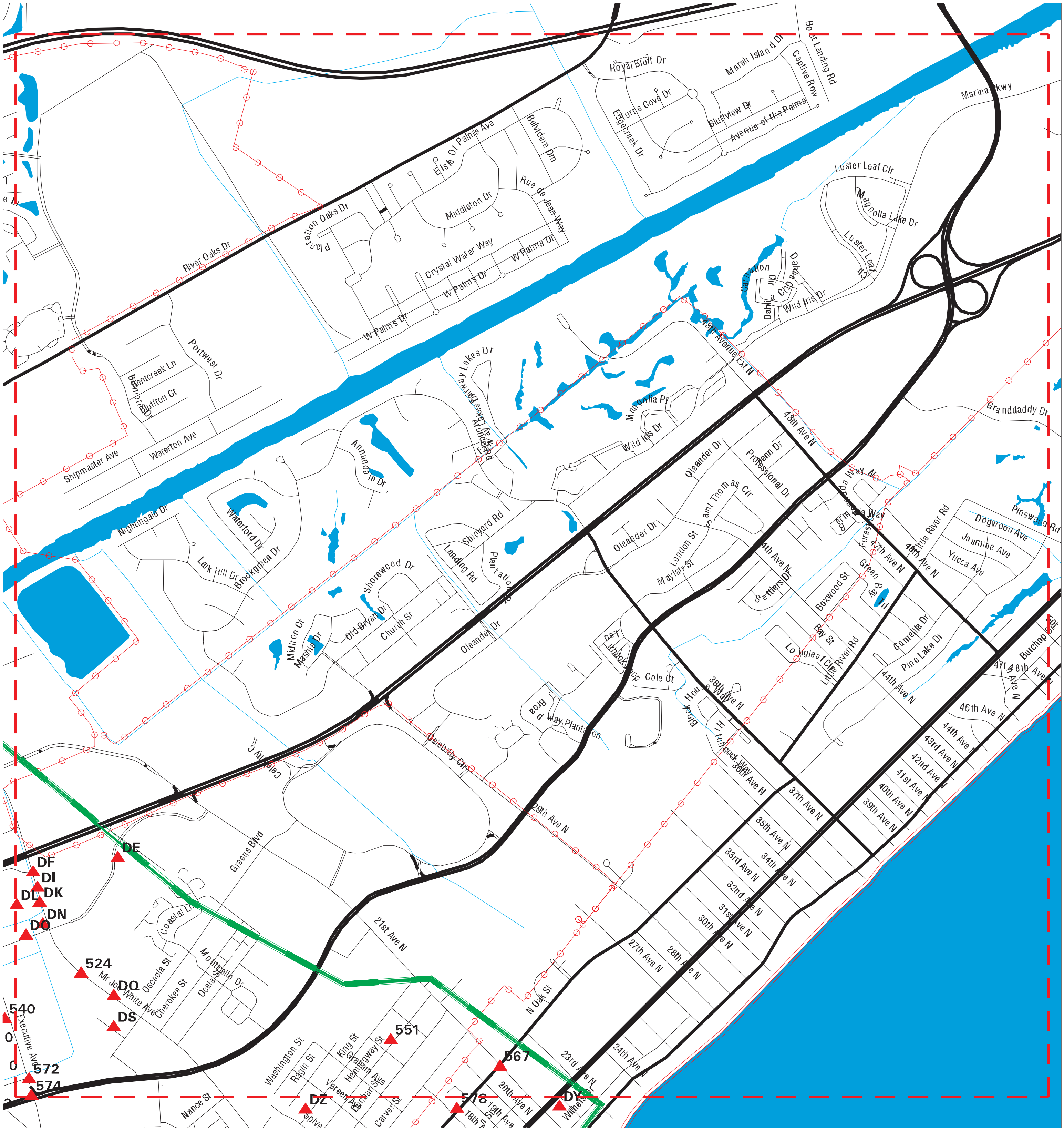
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
DC460 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC461 / 28	UNKNOWN	UNKNOWN	HMIRS	TP
DC462 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC463 / 28	UPS MYRTLE BEACH	200 GEORGE BISHOP PK	UST	TP
DC464 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC465 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC466 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
DC467 / 28	200 GEORGE BISHOP PK	200 GEORGE BISHOP PK	HMIRS	TP
470 / 28	WACCAMAW PAINT & BOD	150 WESLEY STREET	ECHO	TP
471 / 28	VILLAGE CREEK MOBILE	800 BURCALE RD	EDR Hist Auto	TP
472 / 28	CLEAN AIR INC	319 BUSH DR	RCRA-VSQG, ECHO	TP
473 / 28	STARWOOD INC	326 BUSH DR	UST	TP
474 / 28	RICK SPARTKS ENTERPR	3509 HIGHWAY 501 WES	ECHO	TP
475 / 28	WACCAMAW CLAY PRODUC	3000 WACCAMAW BLVD	RCRA-VSQG, ECHO	TP
477 / 28	WACCAMAW CONVENIENCE	311 GEORGE J BISHOP	LUST, UST	TP
478 / 28	GROUND GUNNERY & RAN		UXO	TP
479 / 28	RIVERWALK INN	101 FANTASY HARBOUR	UST	TP
482 / 28	QUALITY COLLISION	905 JASON BLVD	RCRA-VSQG, ECHO	TP
DG487 / 28	MYRTLE BEACH SECTION	2779 HWY 501	LUST, UST, GWCI	TP
DG488 / 28	SCDOT MYRTLE BEACH	2779 HWY 501	ECHO	TP
489 / 28	WACCAMAW POTTERY	HWY 501	UST	TP
DH490 / 28	NEIL JOHNSON BUICK G	922 FRONTAGE RD	LUST, UST	TP
491 / 28	WINDOW WORLD	131 CAUSEY STREET	ECHO	TP
DH492 / 28	HYATT BUICK GMC	922 FRONTAGE ROAD EA	ECHO	TP
DH493 / 28	HYATT BUICK GMC	922 FRONTAGE RD E	RCRA-VSQG	TP
498 / 28	BEACH FORD LINCOLN M	851 JASON BLVD	RCRA-VSQG, ECHO	TP
500 / 28	MERCHANTS TIRE & AUT	825 JASON BLVD	ECHO	TP
DJ501 / 28	MYRTLE BEACH CHRYSLE	785 JASON BLVD	RCRA-VSQG, ECHO	TP
DJ503 / 28	RICHBOURGS SALES & R	749 JASON BLVD	UST	TP
DJ504 / 28	RICHBOURGS SALES & R	749 JASON BLVD	RCRA-VSQG, ECHO	TP
510 / 28	CONCRETE SUPPLY CO -	2231 HWY 643	ECHO	TP
517 / 28	HD SUPPLY ELECTRICAL	170 JACOB LANE	ECHO	TP
520 / 28	MYRTLE BEACH SALES Y	US HWY 501	LUST, UST	TP
DP521 / 28	BRUCES AUTO REPR TRA	725 SEABOARD ST	EDR Hist Auto	TP
DP522 / 28	BAIDEN & ASSOCIATES	801 SEABOARD ST	ECHO	TP
523 / 28	CHAVIS VAN & STORAGE	800/802 SEABOARD ST	LUST, UST, GWCI	TP
525 / 28	EQUIPMENT RENTAL & S	709 SEABOARD ST	UST	TP
527 / 28	HONDA DOCTOR	601 SEABOARD ST STE	EDR Hist Auto	TP
DR532 / 28	SANTEE COOPER MYRTLE	429 WATERSIDE DR	ECHO	TP

MAPPED SITES SUMMARY - FOCUS MAP 28

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
DR533 / 28	SANTEE COOPER MYRTLE	429 WATERSIDE DR	RCRA-SQG	TP
DR534 / 28	SANTEE COOPER MYRTLE	429 WATERSIDE DRIVE	LUST, UST	TP
535 / 28	TADS TRANSMISSION	485 PIEDMONT DR	EDR Hist Auto	TP
536 / 28	CIRCLE K STORES INC	2016 HIGHWAY 17 BYP	EDR Hist Auto	TP
537 / 28	EASTON INDUSTRIES	550 PIEDMONT AVE.	ECHO	TP
538 / 28	TIMMYS AUTOMOTIVE SA	600 SEABOARD ST	EDR Hist Auto	TP
539 / 28		2301 HWY 501	CDL	TP
540 / 28	HARPER PLUMBING	1607 EXECUTIVE AVE	LUST, UST	TP
543 / 28	GENERAL ELECTRIC CO.	1620 STOCKHOLDER STR	RCRA-VSQG, ECHO	TP
DT544 / 28	COSTCO WHOLESALE 338	1021 OAK FOREST LN	UST	TP
DT545 / 28	COSTCO WHOLESALE 338	1021 OAK FOREST LN	ECHO	TP
DT546 / 28	COSTCO WHOLESALE 338	1021 OAK FOREST LN	RCRA-SQG	TP
DU547 / 28	COBLE DAIRY MYRTLE B	HWY 501	LUST, UST	TP
DU548 / 28	NATIONAL TIRE & BATT	2075 HWY 501	ECHO	TP
DU549 / 28	NATIONAL TIRE & BATT	2075 HWY 501	RCRA-VSQG	TP
550 / 28	AVX CORP SEABOARD WA	1900 HWY 501 E	ECHO	TP
DV552 / 28	FEDERAL EXPRESS CORP	1600 STOCKHOLDERS AV	RCRA-VSQG	TP
DV553 / 28	FEDERAL EXPRESS CORP	1600 STOCKHOLDERS AV	ECHO	TP
DV554 / 28		1600 STOCKHOLDER	HMIRS	TP
DW555 / 28	HOME DEPOT 1116	951 OAK FOREST LN	RCRA-SQG	TP
DW556 / 28	THE HOME DEPOT 1116	951 OAK FOREST LN	ECHO	TP
DV557 / 28	KENSEAL CONSTRUCTION	1580 STOCKHOLDER AVE	ECHO	TP
559 / 28	COBURG DAIRY INC	2110 HWY 501	LUST, UST	TP
560 / 28	NATIVE SONS	1346 ENTERPRISE AVE	RCRA-VSQG, ECHO	TP
561 / 28	ASPEN DENTAL	1209 N RETAIL CT	RCRA-VSQG, ECHO	TP
562 / 28	WALMART SUPERCENTER	540 SEABOARD ST	RCRA-VSQG	TP
563 / 28	COX MILLWORK & SUPPL	1350 COMMERCE PLACE	ECHO	TP
564 / 28	MURPHY USA 7618	865 OAK FOREST LN	UST	TP
566 / 28	HYATT AUTOMOTIVE GRO	1953 HWY 501 WEST	ECHO	TP
DX568 / 28	CANTY ROGERS	3000 PIEDMONT AVE BL	RCRA-VSQG, ECHO	TP
DX569 / 28	THE BODY SHOP	3001 PIEDMONT AVE	RCRA-VSQG, ECHO	TP
570 / 28	SINGLE SOURCE INC	1306-B ENTERPRISE AV	ECHO	TP
571 / 28	PORTRAIT INNOVATIONS	1768 PINE ISLAND RD	ECHO	TP
573 / 28	BOSTAR BUILDING	1987 HWY 501	UST	TP

Focus Map - 29 - 6226165.2s



▲ Sites	Focus Map - Sites
Target Property	Power Line
Search Buffer	National Priority List Sites
Focus Map - No Sites	Dept. Defense Sites
	Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 29

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
DE480 / 29	TARGET STORE 0963	1150 SEABOARD ST	RCRA-LQG	TP
DE481 / 29	TARGET STORE 0963	1150 SEABOARD ST	ECHO	TP
DF483 / 29	MINUTEMAN FOOD MART	1960 MR JOE WHITE AV	UST	TP
DF484 / 29	HESS CORPORATION	1960 10TH AVE N	EDR Hist Auto	TP
DF485 / 29	TIGER MART 14	1960 10TH AVE N	GWCI	TP
DF486 / 29	TIGER MART 14	1960 10TH AVE N	LUST, UST	TP
DI494 / 29		1946 10TH AVENUE NOR	HMIRS	TP
DI495 / 29		1946 10TH AVENUE NOR	HMIRS	TP
DI496 / 29	SAMS CLUB 6353	1946 10TH AVE N	UST	TP
DI497 / 29	SAMS CLUB 6353	1946 10TH AVE N	RCRA-VSQG, ECHO	TP
DK502 / 29	SANTEE COOPER MB SUB	1935C 10TH AVE N	RCRA-VSQG	TP
DK505 / 29	MYRTLE BEACH OPERATI	1935 MR JOE WHITE AV	LUST, UST	TP
DL506 / 29	OLD POLICE STATION	10TH AVE N	LUST, UST	TP
DL507 / 29	OLD SHOP PUBLIC WORK	10TH AVE N	LUST, UST	TP
DK508 / 29	SANTEE COOPER MB SUB	1935-C 10TH AVE N	ECHO	TP
DN512 / 29	CIRCLE K 2723221	1929 MR JOE WHITE AV	LUST, UST	TP
DN513 / 29	PANTRY 3221 DBA KANG	1929 10TH AVE N	GWCI	TP
DN514 / 29	PANTRY INC	1929 10TH AVE N	EDR Hist Auto	TP
DO515 / 29	CAYCE COMPANY INC	909 SEABOARD ST	LUST, UST	TP
DO516 / 29	ACS	909 SEABOARD INDUST	LUST, UST	TP
DO518 / 29	PRIME EQUIPMENT #415	915 SEABOARD ST	ECHO	TP
DO519 / 29	RENTAL SERVICE CORP	915 SEABOARD ST	LUST, UST, GWCI	TP
524 / 29	GENERAL TELEPHONE OF	1900 10TH AVE	ECHO	TP
DQ529 / 29	SPEEDWAY 4575	1845 MR JOE WHITE AV	ECHO	TP
DQ530 / 29	SPEEDWAY 4575	1845 MR JOE WHITE AV	RCRA-VSQG	TP
DQ531 / 29	SPEEDWAY 4575	1845 MR JOE WHITE AV	UST	TP
DS541 / 29	SHERWIN WILLIAMS CO	1626 PLAZA PLACE	ECHO	TP
DS542 / 29	SHERWIN WILLIAMS CO	1626 PLAZA PLACE	RCRA-VSQG	TP
551 / 29	PRO CLEANERS LLC	1405 HEMINGWAY ST	EDR Hist Cleaner	TP
567 / 29	MYRTLE BEACH CONVENT	21ST AVE N & OAK ST	LUST, UST	TP
572 / 29		1512 EXECUTIVE AVE	CDL	TP
574 / 29	BADGER R BAZEN CO IN	1519 EXECUTIVE BLVD	LUST, UST, GWCI	TP

Focus Map - 30 - 6226165.2s

Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 30

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 31 - 6226165.2s

Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Dept. Defense Sites
Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 31

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
825 / 31	CARRIS R CRIBB SITE	8911 HWY 701 S	LUST, UST, GWCI	TP
GE858 / 31	SUNOCO	9150 HIGHWAY 701 S	EDR Hist Auto	TP
GE859 / 31	PEE DEE GROCERY	9150 HWY 701 S	LUST, UST	TP

Focus Map - 32 - 6226165.2s

Sites
Focus Map - Sites
Indian Reservations BIA
Target Property
Power Line
Search Buffer
National Priority List Sites
Focus Map - No Sites
Dept. Defense Sites

0 1/4 1/2 Miles

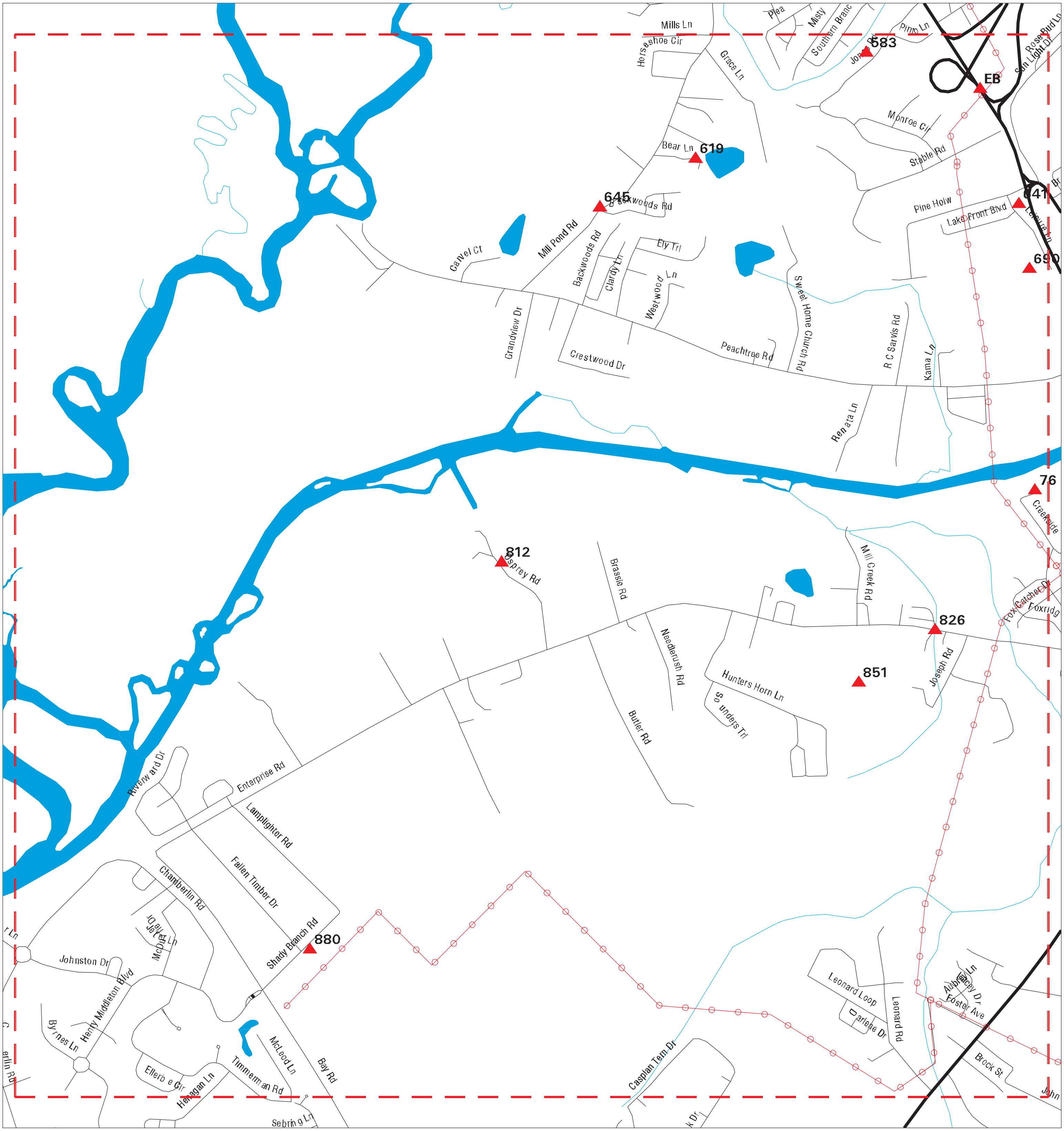
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 32

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
705 / 32	BUCKSPORT GROCERY	8150 HIGHWAY 701 S	EDR Hist Auto	TP

Focus Map - 33 - 6226165.2s



Sites	Focus Map - Sites	Indian Reservations BIA
Target Property	Power Line	
Search Buffer	National Priority List Sites	
Focus Map - No Sites	Dept. Defense Sites	

0 1/4 1/2 Miles

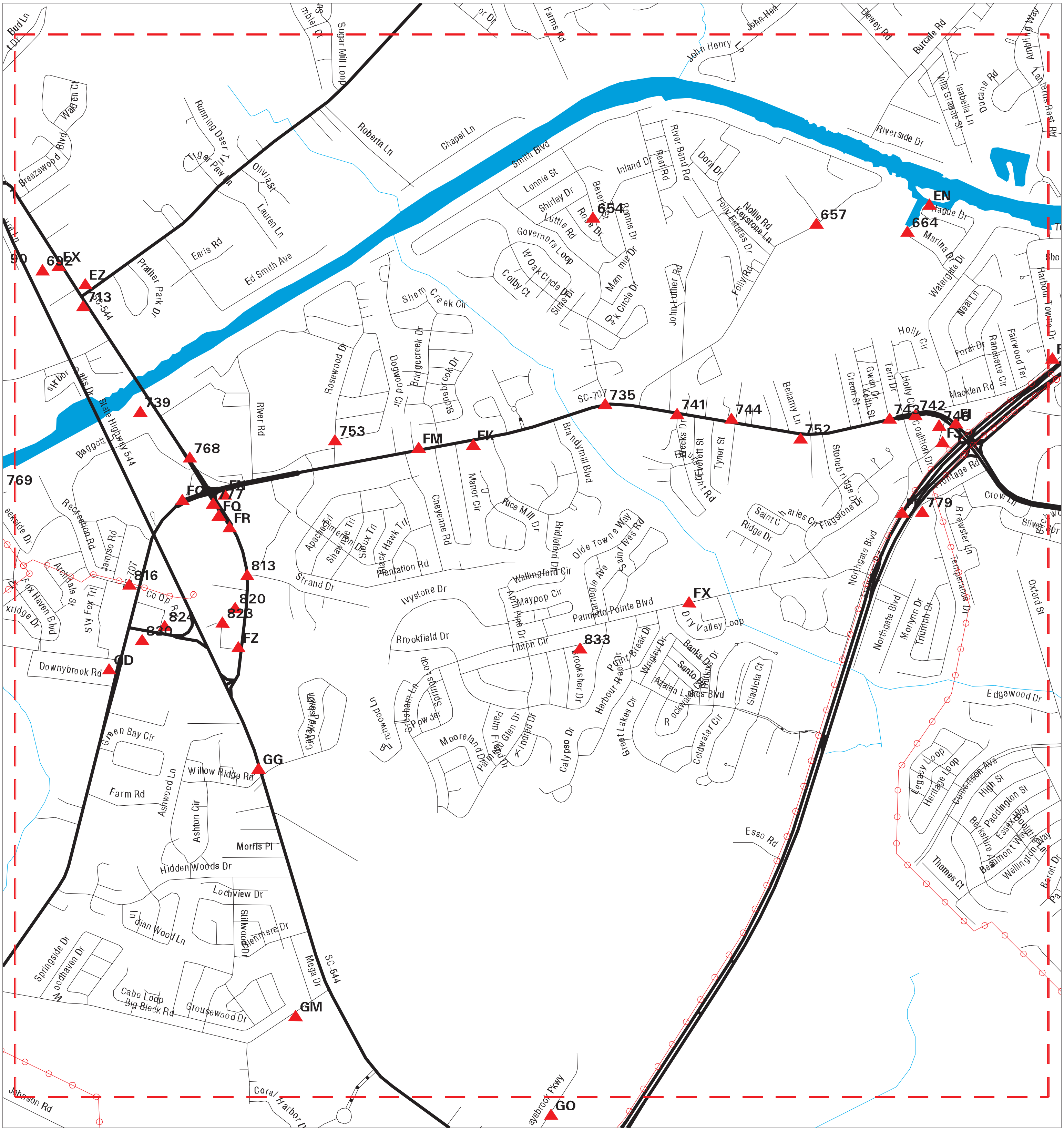
SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 33

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
583 / 33	HAMMOND WOOD RECYCLI		SWF/LF	TP
EB588 / 33	M & J OVERTON INC	7010 HIGHWAY 544	EDR Hist Auto	TP
EB589 / 33	CASH & DASH	7010 HWY 544 NEAR SO	LUST, UST, GWCI	TP
619 / 33		5838 BEAR LANE	CDL	TP
641 / 33	MINUTEMAN FOOD MART	4100 PINE HOLLOW RD	UST	TP
645 / 33	D&S RECYCLING LLC		SWF/LF	TP
690 / 33	GRAVES ENTERPRISES I	132 LEISURE LN	ECHO	TP
769 / 33	CREEKSIDE CLEANERS D	5861 CREEKSIDE DR	EDR Hist Cleaner	TP
812 / 33	OSPREY MARINA RCEVE	8400 OSPREY RD	UST	TP
826 / 33	THOMPKINS MHP	6308 ENTERPRISE RD	ECHO	TP
851 / 33	C. OWENS & SON INC.		SWF/LF	TP
880 / 33	ASHE CLEANERS INC	8825 SHADY BRANCH RD	EDR Hist Cleaner	TP

Focus Map - 34 - 6226165.2s



▲ Sites	Focus Map - Sites	Indian Reservations BIA	
Target Property	Power Line		
Search Buffer	National Priority List Sites		
Focus Map - No Sites	Dept. Defense Sites		

0 — 1/4 — 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 34

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

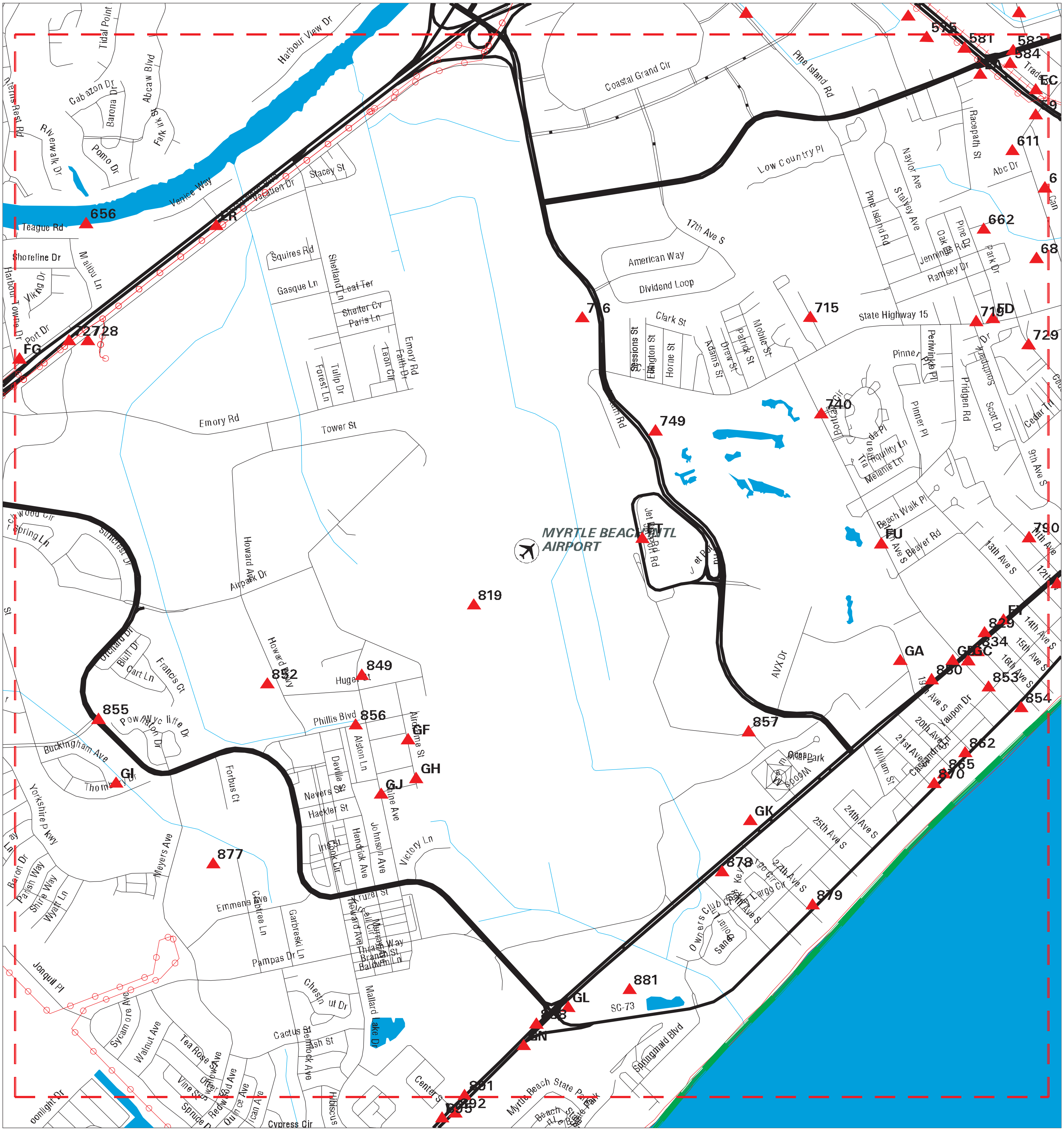
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
EN642 / 34	HAGUE MARINA	3675 HAGUE DRIVE	SEMS	TP
EN643 / 34	HAGUE MARINA	3675 HAGUE DR	SHWS	TP
654 / 34	OASIS FUEL & BEVERAG	727 OAK ST	EDR Hist Auto	TP
657 / 34	WALMART SUPERCENTER	625B PINE ISLAND RD	ECHO	TP
664 / 34	HAGUE MARINA	1 HAGUE DRIVE	ECHO	TP
EX689 / 34	PEE DEE CONV	6409 FORESTBROOK DR	GWCI	TP
EX691 / 34	CIRCLE K 2723063	6356 OLD HWY 544	GWCI	TP
692 / 34	OCEAN GROCERY	6409 DICK POND RD	LUST, UST	TP
EZ697 / 34	CIRCLE K 2723063	6326 DICK POND RD	LUST, UST	TP
EZ698 / 34	PANTRY INC	6326 DICK POND RD	EDR Hist Auto	TP
713 / 34	ROBERT O. COLLINS CO		SWF/LF	TP
735 / 34	FAMILY DOLLAR #3972	4226 SOCASTEE BLVD	RCRA-VSQG, ECHO	TP
739 / 34	BRANTS LANDING	5835 DOCK POND RD	GWCI	TP
741 / 34	SOCASTEE SEAFOOD SHA	4000 HWY 707	LUST, UST, GWCI	TP
742 / 34	W G TURBEVILLE GROCE	SC HWY 707	GWCI	TP
743 / 34	GALAXY VIDEO	3624 SOCASTEE BLVD	LUST, UST, GWCI	TP
744 / 34	KNH FOOD MART	3940 SOCASTEE BLVD	LUST, UST, GWCI	TP
FI746 / 34	PANTRY 424	3400 SOCASTEE BLVD	LUST, UST	TP
FI747 / 34	PANTRY INC	3400 SOCASTEE BLVD	EDR Hist Auto	TP
748 / 34	W G TURBEVILLE GROCE	3530 NORTHGATE DR	LUST, UST	TP
FI750 / 34	CVS PHARMACY 1540	3411 SOCASTEE BLVD	ECHO	TP
FI751 / 34	CVS PHARMACY 1540	3411 SOCASTEE BLVD	RCRA-VSQG	TP
752 / 34	SOCASTEE AUTOMOTIVE	3809 SOCASTEE BLVD	LUST, UST	TP
753 / 34		5543 ROSEWOOD DRIVE	CDL	TP
FJ754 / 34	H H J INC	3500 NORTHGATE DR	EDR Hist Auto	TP
FK755 / 34	PANTRY INC	4481 SOCASTEE BLVD	EDR Hist Auto	TP
FK756 / 34	CIRCLE K 2723073	4481 SOCASTEE BLVD	LUST, UST	TP
FJ760 / 34	NORTHGATE CLEANERS F	3578 NORTHGATE BLVD	SHWS, DRYCLEANERS	TP
FM762 / 34	PANTRY 3060 DBA QUIC	4570 SOCASTEE BLVD	GWCI	TP
FM763 / 34	PANTRY INC	4570 SOCASTEE BLVD	EDR Hist Auto	TP
FM764 / 34	CIRCLE K 2723060	4570 SOCASTEE BLVD	LUST, UST	TP
768 / 34	CYPRESS PARK MART	HWY 544	LUST, UST, GWCI	TP
FN771 / 34	WALGREENS 17258	5001 SOCASTEE BLVD	RCRA-VSQG	TP
FN772 / 34	WALGREENS 17258	5001 SOCASTEE BLVD	ECHO	TP
FN773 / 34	BRANTS LANDING	5835 DOCK POND RD	LUST, UST	TP
FO774 / 34	WORSLEY COMPANIES IN	5010 SOCASTEE BLVD	EDR Hist Auto	TP
FO775 / 34	SUNHOUSE 24	5010 SOCASTEE BLVD	LUST, UST, GWCI	TP
777 / 34	BRAVE VILLAGE SHOPPI	5429 DICK POND RD	LUST, UST, GWCI	TP
779 / 34	MYRTLE BEACH FUNERAL	4505 HWY 17 BYP S	ECHO	TP

MAPPED SITES SUMMARY - FOCUS MAP 34

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
FP780 / 34	NORTHGATE CLEANERS	3578 HWY 17 BYPASS S	ECHO	TP
FP781 / 34	NORTHGATE CLEANERS	3578 HWY 17 BYPASS S	RCRA-VSQG	TP
FQ783 / 34	FOOD LION 289	5413 DICK POND RD	ECHO	TP
FQ784 / 34	REGAL CLEANERS	5401 DICK POND ROAD	DRYCLEANERS	TP
FQ785 / 34	REGAL CLEANERS	5401 DICK POND RD	EDR Hist Cleaner	TP
FR787 / 34	REGAL CLEANERS & LAU	5401 HWY 544	RCRA-VSQG, ECHO	TP
FR788 / 34	REGAL CLEANERS	5401 HWY 544 BRAVES	SHWS	TP
813 / 34		DICK POND RD & STRAN	CDL	TP
816 / 34	GRAND STRAND WATER &	HWY 707 AT RECREATIO	LUST, UST	TP
FX817 / 34	GRAB N GO	3800 PALMETTO POINTE	UST	TP
FX818 / 34	GRAB N GO	3800 PALMETTO POINTE	EDR Hist Auto	TP
820 / 34	SOCASTEE SCHOOL BUS	5100 LAFON LN	UST	TP
823 / 34	FAMILY DOLLAR 3972	5029 DICK POND RD	ECHO	TP
824 / 34	HD BUILDER SOLUTIONS	165 CO OP RD	ECHO	TP
830 / 34	REFUEL 51	6151 HWY 707	UST	TP
FZ831 / 34	TECHNO CLEANERS	5023 DICK POND RD UN	SHWS, DRYCLEANERS	TP
FZ832 / 34	TECHNO CLEANERS	5023 DICK POND RD	EDR Hist Cleaner	TP
833 / 34	PALMETTO GLEN HOA	274 TIBTON CIR	ECHO	TP
FZ835 / 34	ROYAL CLEANERS & LAU	5022 DICK POND RD	EDR Hist Cleaner	TP
GD844 / 34	HESS CORPORATION	6222 HIGHWAY 707	EDR Hist Auto	TP
GD845 / 34	SPEEDWAY 4591	6222 HWY 707	UST	TP
GD846 / 34	SPEEDWAY 4591	6222 HWY 707	RCRA-VSQG	TP
GD847 / 34	SPEEDWAY 4591	6222 HWY 707	ECHO	TP
GG863 / 34	PANTRY INC	4625 DICK POND RD	EDR Hist Auto	TP
GG864 / 34	PANTRY 819	4625 DICK POND RD	LUST, UST	TP
GM885 / 34	UNICON TRI COUNTY IN	2511 BIG BLOCK RD	UST	TP
GM886 / 34	SRM MYRTLE BEACH PLA	2511 BIG BLOCK ROAD	ECHO	TP
GM887 / 34	ADAMS PRODUCTS - MYR	2517 BIG BLOCK RD	ECHO	TP

Focus Map - 35 - 6226165.2s



▲ Sites
Focus Map - Sites
Indian Reservations BIA
Target Property
Power Line
Search Buffer
National Priority List Sites
Focus Map - No Sites
Dept. Defense Sites

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 35

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
575 / 35	PERFORMANCE CHEVROLE	1887 HWY 501	ECHO	TP
581 / 35	MYRTLE BEACH CHEVROL	1785 HWY 501	RCRA-VSQG	TP
582 / 35	NATIONAL COATINGS AN	633 ROBERT GRISSOM P	RCRA-VSQG, ECHO	TP
584 / 35	QUALITY COLLSION	1560 HWY 501	RCRA-VSQG, ECHO	TP
EA585 / 35	CIRCLE K 2720909	1695 HWY 501 W	UST	TP
EA586 / 35	PANTRY INC	1695 HIGHWAY 501	EDR Hist Auto	TP
EC590 / 35	AMERICAN CONCRETE PR	HWY 501	ECHO	TP
EC591 / 35	TRASH REMOVAL SERVIC	HIGHWAY 501	ECHO	TP
596 / 35		29577 1559 CANNON RD	CDL	TP
611 / 35	AMERICAN TOWER CORPO	1455 CANNON ROAD	ECHO	TP
629 / 35	ARNOLD’S POOLS, INC.	1390 CANNON RD	ECHO	TP
656 / 35	EASTON INDUSTRIES LT	HWY 17 BYPAS	ECHO	TP
ER658 / 35	HD SUPPLY WATERWORKS	2675 HWY 17 BYPASS S	ECHO	TP
ER659 / 35	HD SUPPLY WATERWORKS	2675 HWY 17 BYPASS S	RCRA-VSQG	TP
662 / 35	SWAMP FOR MOOSE LEGI	521 HOLLY DR	EDR Hist Auto	TP
687 / 35		1359 CANNON RD	CDL	TP
715 / 35	TODDS GROCERY	1500 HWY 15	UST	TP
716 / 35	BAUSCH LINNEMANN NOR	1175 HARRELSON BLVD	RCRA-SQG, ECHO	TP
FD717 / 35	TOWN & COUNTRY GROCE	1 PARK DRIVE	EDR Hist Auto	TP
FD718 / 35	SQUIRE CORNER CAFE	1 PARK DR	LUST, UST	TP
719 / 35	COASTAL SAVERS	900 HWY 15	LUST, UST, GWCI	TP
727 / 35	CIRCLE K STORES INC	2903 HIGHWAY 17 BYP	EDR Hist Auto	TP
728 / 35	POSTEC RECYCLING, IN		SWF/LF	TP
729 / 35		5TH AVE & SWANN CV	CDL	TP
FG731 / 35	CENAMA INC	1202 PORT DR	EDR Hist Auto	TP
FG732 / 35	SCOTCHMAN 3060	1202 PORT DR	LUST, UST, GWCI	TP
740 / 35	AVIS	MYRTLE BEACH JETPORT	LUST, UST	TP
749 / 35	MYRTLE BEACH JETPORT	HWY 15	UST	TP
790 / 35	NILSON VAN & STORAGE	600 11TH AVE S	UST	TP
FT791 / 35	TSA AT MYRTLE BEACH	1100 JETPORT RD	RCRA-SQG	TP
FT792 / 35	MYRTLE BEACH INTERNA	1100 JETPORT ROAD	ECHO	TP
FT793 / 35	ALLEGIANT AIR	1100 JETPORT RD TERM	ECHO	TP
FT794 / 35	ALLEGIANT AIR	1100 JETPORT RD TERM	RCRA-VSQG	TP
FT795 / 35	BUDGET RENT A CAR	1100 JET PORT RD	LUST	TP
FT796 / 35	TSA AT MYRTLE BEACH	1100 JETPORT RD	ECHO	TP
FT797 / 35	BUDGET RENT A CAR	1100 JET PORT RD	UST	TP
FT798 / 35	HERTZ RENT A CAR	1100 JET PORT RD	LUST	TP
FT799 / 35	ALLEGA ASPHALT PAVIN	1100 JETPORT RD	ECHO	TP
FU803 / 35	AVX CORPORATION MYRT	17TH AVENUE, SOUTH	SHWS, GWCI	TP

MAPPED SITES SUMMARY - FOCUS MAP 35

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
FU804 / 35	AVX CORP/MYRTLE BEAC	801 17TH AVE S	ECHO	TP
FU805 / 35	AVX CORPORATION	17TH AVENUE, SOUTH	SEMS-ARCHIVE, RCRA-LQG	TP
819 / 35	NATIONAL CAR RENTAL	MYRTLE BEACH CIVIL J	LUST, UST	TP
FY822 / 35	PANTRY 3065	1350 S KINGS HWY	GWCI	TP
FY827 / 35	PANTRY INC	1405 S KINGS HWY 324	EDR Hist Auto	TP
FY828 / 35	CIRCLE K 2723241	1405 S KINGS HWY	LUST, UST	TP
829 / 35	FORMER LEE MOORE CON	1500 S KINGS HWY	UST	TP
834 / 35	SURFSIDE CLEANERS	1605 S KINGS HWY	EDR Hist Cleaner	TP
GA836 / 35	SCARNG MYRTLE BEACH	501 19TH AVE S	ECHO	TP
GA837 / 35	SCARNG MYRTLE BEACH	501 19TH AVE SOUTH	RCRA-VSQG	TP
GB838 / 35	SCOTCHMAN 3106	1700 S KINGS HWY	LUST, UST, GWCI	TP
GB839 / 35	LANES AUTO SERVICE	1700 S KINGS HWY	EDR Hist Auto	TP
GC840 / 35	KARETAS H A COMPANY	1611 SOUTH KINGS HIG	EDR Hist Auto	TP
GC841 / 35	CIRCLE K 8112	1611 S KINGS HWY	LUST, UST, GWCI	TP
GB842 / 35	WALMART NEIGHBORHOOD	1705 S KINGS HWY	ECHO	TP
GB843 / 35	WALMART NEIGHBORHOOD	1705 S KINGS HWY	RCRA-VSQG	TP
GB848 / 35	WALMART NEIGHBORHOOD	1701 S KINGS HWY	UST	TP
849 / 35	MUNITIONS DISPOSAL P	AFRPA/COO-MYRTLE BEA	UXO	TP
850 / 35	MYRTLE CINEMA 10 PRO	1804 S KINGS HWY	SHWS, LUST, UST, GWCI	TP
852 / 35	3RD STREET UXO AOC	AFRPA/COO-MYRTLE BEA	UXO	TP
853 / 35	NASH OIL CO INC	400 17TH AVE S APT J	EDR Hist Auto	TP
854 / 35	PALACE HOMEOWNERS AS	1605 S OCEAN BLVD	LUST, UST	TP
855 / 35	WHITHERS PRESERVE	1600 FARROW PKWY	SHWS	TP
856 / 35	MARKET COMMONS RESID	3466 PHILLIS BLVD	SHWS	TP
857 / 35	SUMMERS CONCRETE CON	RADAR RD MYRTLE BEAC	ECHO	TP
GF860 / 35	PRESCOTT SUPPORT	1154 AIRDROME AVE HA	RCRA-VSQG	TP
GF861 / 35	PRESCOTT SUPPORT	1154 AIRDROME AVE HA	ECHO	TP
862 / 35		1900 SOUTH OCEAN BLV	CDL	TP
865 / 35	BLUEWATER RESORT & V	2001 S OCEAN BLVD	LUST, UST	TP
GH866 / 35	USAF AFRPA MYRTLE BE	1048 AERODROME BLVD	CORRACTS, RCRA-TSDF, RCRA-VSQG, SHWS, GW...	TP
GH867 / 35	USAF MYRTLE BEACH AF	HWY 17	SEMS-ARCHIVE, ECHO	TP
GI868 / 35	USAF MYRTLE BEACH AF	N PATROL RD	SHWS	TP
GI869 / 35	USAF AEROSPACE GROUN	JCT AVE B & 2ND ST	SEMS-ARCHIVE, SHWS	TP
870 / 35		2010 S. OCEAN BLVD	CDL	TP
GH871 / 35	MYRTLE BEACH POLICE	3340 MUSTANG ST	RCRA-VSQG, ECHO	TP
GJ872 / 35	FLIGHT INTERNATIONAL	3301 MUSTANG ST	ECHO	TP
GJ873 / 35	AVCRAFT SUPPORT SERV	3301 MUSTANG SERVICE	RCRA-SQG	TP
GJ874 / 35	AVCRAFT SUPPORT SERV	3301 MUSTANG SERVICE	ECHO	TP
GK875 / 35	EXPRESS MART	2620 SOUTH KINGS HWY	EDR Hist Auto	TP

MAPPED SITES SUMMARY - FOCUS MAP 35

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
GK876 / 35	EXPRESS MART	2620 S KINGS HWY	LUST, UST	TP
877 / 35	MARKET COMMONS MEYER	961 MEYERS AVE	SHWS	TP
878 / 35	RED ROOF INN	2801 S KINGS HWY	UST	TP
879 / 35		2608 S OCEAN BLVD	CDL	TP
881 / 35	MYRTLE BEACH GRAND P	3201 HWY 17 S	LUST, UST, GWCI	TP
GL882 / 35	COX JERRY COMPANY	3211 S KINGS HWY	EDR Hist Auto	TP
GL883 / 35	JERRY COX CO	3211 S KINGS HWY HWY	GWCI	TP
GL884 / 35	SCOTCHMAN 53	3211 S KINGS HWY	LUST, UST	TP
888 / 35	THOMAS AIRPORT EXXON	3350 S KINGS HIGHWAY	EDR Hist Auto	TP
GN889 / 35	CIRCLE K STORES INC	3301 S KINGS HWY	EDR Hist Auto	TP
GN890 / 35	CIRCLE K 5049	3301 S KINGS HWY	LUST, UST	TP
891 / 35	PATSEL INC	3802 SOUTH KINGS HWY	EDR Hist Auto	TP

Focus Map - 36 - 6226165.2s

Sites
Focus Map - Sites
Indian Reservations BIA
Target Property
Power Line
Search Buffer
National Priority List Sites
Focus Map - No Sites
Dept. Defense Sites

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 36

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
DY576 / 36	F & G INC	2101 N KINGS HWY	EDR Hist Auto	TP
DY577 / 36	F&G INC	2101 N KINGS HWY	UST	TP
578 / 36	CAROLINA WATERWAY PL	1805 N OAK ST	ECHO	TP
DZ579 / 36	FAMILY DOLLAR 10	1105 NORTH KING HWY	RCRA-VSQG	TP
DZ580 / 36	FAMILY DOLLAR 10	1105 NORTH KING HWY	ECHO	TP
587 / 36	ATLANTIS ASSOCIATION	400 20TH AVE N	UST	TP
ED592 / 36	SOUTHERN COPYROLL	1201 MR JOE WHITE AV	ECHO	TP
ED593 / 36	STRAND LINEN INC	1201 TENTH AVE N	UST	TP
594 / 36	FOOD DEPOT	1101 TENTH AVE N	LUST, UST, GWCI	TP
EE595 / 36	SHERWIN WILLIAMS COM	1611 N KINGS HWY	ECHO	TP
EF597 / 36	501 AMOCO	1432 HWY 501	LUST, UST, GWCI	TP
EF598 / 36	WESS PHILLIP 66	1432 HW 501	EDR Hist Auto	TP
EE599 / 36	SNJ MARKET	1601 N KINGS HWY	UST	TP
EE600 / 36	SNJ MARKET	1601 N KINGS HWY	LUST, UST	TP
EE601 / 36	ADAMS GULF SERVICE S	1601 N KINGS HWY	EDR Hist Auto	TP
EF602 / 36	PANTRY 3226 DBA FOOD	1455 HWY 501	LUST, UST, GWCI	TP
EG603 / 36	J W S ENTERPRISES	1350 HIGHWAY 501	EDR Hist Auto	TP
EG604 / 36	PHOENIXX MART	1350 HWY 501	UST	TP
EF605 / 36	501 SHELL	HWY 501 & 3RD AVE	GWCI	TP
606 / 36	VERIZON MYRTLE BEACH	919 LUMBER ST	LUST, UST	TP
607 / 36	CIRCLE K CONVENIENCE	404 16TH AVE N	EDR Hist Auto	TP
608 / 36	AWS - KMART 3817	1403 NORTH KINGS HIG	ECHO	TP
609 / 36	PANTRY 248	1213 THIRD AVE S	LUST, UST	TP
610 / 36		800 CANAL ST	CDL	TP
612 / 36		12TH AVE N AND OAK S	CDL	TP
EH613 / 36	MAACO COLLISION REPA	RTE 501	ECHO	TP
614 / 36	BETTER BRANDS INC	908 JACKSON ST	LUST, UST, GWCI	TP
EH615 / 36	ROPADEN ENTERPRISES	1297 HIGHWAY 501	EDR Hist Auto	TP
EI616 / 36	MISS KITTYS INC	1379 THIRD AVE S	LUST, UST, GWCI	TP
EI617 / 36	DUNES CYCLE MISS KIT	1379 3RD AVE S	UST	TP
618 / 36	PAVILION WAREHOUSE N	811 10TH AVE N	ECHO	TP
620 / 36	MYRTLE BEACH SC4110	901 LUMBER ST	UST	TP
621 / 36	MYRTLE BEACH CITY OF	1101 OAK ST	LUST, UST	TP
622 / 36	NU WAY LAUNDRY	1012 8TH AVE N	UST	TP
EJ623 / 36	FOOD LION 1202	1009 HWY 501	ECHO	TP
624 / 36	MYRTLE BEACH CITY OF	10TH AVE N & OAK ST	LUST, UST	TP
EJ625 / 36	LONG JAMES C	HWY 501 & 3RD AVE	EDR Hist Auto	TP
EK626 / 36	SCOTT CARS OF MYRTLE	1251 HWY 501	LUST, UST	TP
EK627 / 36	ADDYS HARBOR IMPORTS	1251 HIGHWAY 501	ECHO	TP

MAPPED SITES SUMMARY - FOCUS MAP 36

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
628 / 36	PANTRY INC	1217 3RD AVE S	EDR Hist Auto	TP
630 / 36	MARTIN ARCHIE L	913 8TH AVE NORTH HW	EDR Hist Auto	TP
631 / 36	ALLENS FOOD BASKET	1012A HWY 501	LUST, UST	TP
632 / 36	DARGAN CONSTRUCTION	900 8TH AVE N	LUST, UST, GWCI	TP
EL633 / 36	CIRCLE K STORES INC	1100 N KINGS HWY	EDR Hist Auto	TP
EM634 / 36	JIM SMITH CHRYSLER P	1004 HWY 501	LUST, UST	TP
635 / 36	YACHTSMAN RESORT	1400 N OCEAN BLVD	LUST, UST	TP
EM636 / 36	BUTCH JONES INC	HWY 501 EAST & CEDAR	RCRA-VSQG	TP
EM637 / 36	BUTCH JONES INCORPOR	HIGHWAY 501 EAST & C	ECHO	TP
638 / 36	CHAPIN CO	904 OAK	EDR Hist Auto	TP
EL639 / 36	CIRCLE K 2708111	1101 N KINGS HWY	LUST, UST	TP
EL640 / 36	CIRCLE K STORES INC	1101 N KINGS HWY	EDR Hist Auto	TP
EO644 / 36	A & I CORPORATION	925 BROADWAY EXT	EDR Hist Cleaner	TP
EO646 / 36	DANNYS CLEANERS	917 BROADWAY EXT	EDR Hist Cleaner	TP
647 / 36	CAROLINA BREEZE APAR	100 CEDAR STREET	ECHO	TP
648 / 36	NOLAND CO	711 NINTH AVE N	UST	TP
649 / 36	CHAPIN SERVICE STATI	901 OAK ST	LUST, UST, GWCI	TP
EP650 / 36	MARYLAND FRIED CHICK	939 N KINGS HWY	ECHO	TP
EP651 / 36	MARYLAND FRIED CHICK	939 N KING HWY	LUST, UST	TP
EQ652 / 36	PAMS CORNER INC	934 HWY 501	LUST, UST, GWCI	TP
EQ653 / 36	PAMS AMOCO	934 HWY 501	EDR Hist Auto	TP
EQ655 / 36	BALSAM KWIKI LUBE	930 HWY 501	LUST, UST	TP
660 / 36	FOUR SEASONS SCREEN	511 9TH AVENUE N	ECHO	TP
661 / 36	HUSSEY MOTORS	702 ALDER STREET	RCRA-VSQG, ECHO	TP
ES663 / 36	RAMSEY COMPANY	703 EIGHTH AVE NORTH	UST	TP
ES665 / 36	NU-WAY LAUNDRY INC	725 BROADWAY EXT	EDR Hist Cleaner	TP
ET666 / 36	GENERAL TELEPHONE OF	914 CHESTER ST	UST	TP
ET667 / 36	VERIZON MYRTLE BEACH	914 CHESTER ST	LUST, UST	TP
668 / 36	FLATIRON BLDG & AJAC	HWY 17 S & BROADWAY	LUST, UST	TP
ES669 / 36	NASH OIL CO INC	728 BROADWAY ST	EDR Hist Auto	TP
ES670 / 36	5 POINTS GAS & CONV	728 BROADWAY ST	LUST, UST	TP
EU671 / 36	BRATCHER GROUP THE	717 BROADWAY ST	EDR Hist Auto	TP
ES672 / 36	OASIS FUEL & BEVERAG	727 N OAK ST	EDR Hist Auto	TP
EV673 / 36	FORMER AMOCO MARY WI	515 HWY 501	UST	TP
EV674 / 36	SAILING AND SKI CONN	515 HWY 501	LUST, UST, GWCI	TP
EV675 / 36	ED RICKS 501 AMERICA	515 HWY 501	EDR Hist Auto	TP
676 / 36	COASTAL CARS INC	1114 3RD AVENUE SOUT	ECHO	TP
677 / 36	CHRIS YAHNIS COASTAL	851 BROADWAY	LUST, UST, GWCI	TP
EU678 / 36	BRATCHER GROUP THE	717 BROADWAY	EDR Hist Auto	TP

MAPPED SITES SUMMARY - FOCUS MAP 36

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
EU679 / 36	501 ENTRY PARK	717 E BROADWAY	GWCI	TP
EW680 / 36	NATIONAL LINEN	725 BROADWAY	SHWS	TP
EW681 / 36	NU-WAY LAUNDRY INC	725 BROADWAY	EDR Hist Cleaner	TP
EW682 / 36	FMR ROYAL CLEANERS	725 BROADWAY	DRYCLEANERS	TP
EU683 / 36	GRAHAMS ESSO SERVICE	702 BROADWAY ST	EDR Hist Auto	TP
EW684 / 36	ROYAL CLEANERS	612 BROADWAY	RCRA-SQG, SHWS, ECHO, DRYCLEANERS	TP
EW685 / 36	ROYAL CLEANERS MYRTL	612-14 BROADWAY	EDR Hist Cleaner	TP
686 / 36	MYRTLE BEACH CLEANER	612 BROADWAY ST	EDR Hist Cleaner	TP
688 / 36	HUMMINGBIRD SITE	800 N KINGS HWY	LUST, UST	TP
693 / 36	MONTICELLO ONE HOUR	534 W BROADWAY ST 10	EDR Hist Cleaner	TP
694 / 36	UNITED BODY SHOP	315 BROADWAY	RCRA-VSQG, ECHO	TP
EY695 / 36	SCOTCHMAN 64	1001 3RD AVE S & BOA	GWCI	TP
EY696 / 36	SCOTCHMAN 3064	1101 3RD AVE S	LUST, UST	TP
699 / 36	DON L MORSE CO INC	400 W BROADWAY	UST	TP
700 / 36	ENGINE SHOP GARAGE	903 TODD ST	EDR Hist Auto	TP
FA701 / 36	BOB BIBLE HONDA/BMW	1100 3RD AVE S	LUST, UST, GWCI	TP
FA702 / 36	BOB BIBLE HONDA ISUZ	1100 3RD AVE S	ECHO	TP
FA703 / 36	BOB BIBLE HONDA ISUZ	1100 3RD AVE SOUTH	RCRA-VSQG	TP
704 / 36	PARTY TIME FOODS	217 W BROADWAY	EDR Hist Auto	TP
FB706 / 36	FIRESTONE STORE 0578	613 N KINGS HWY	UST	TP
FB707 / 36	SCOTCHMAN 137	600 N KINGS HWY	LUST, UST	TP
FB708 / 36	EDS SUNOCO SERVICE	600 N KINGS HWY	EDR Hist Auto	TP
FB709 / 36	SAVEMART	600 N KINGS HWY	UST	TP
FC710 / 36	CIRCLE K 2720479	1009 3RD AVE S	LUST, UST	TP
FC711 / 36	PANTRY INC	1009 3RD AVE S	EDR Hist Auto	TP
712 / 36	A-1 TRANSMISSION	307 HIGHWAY 15	EDR Hist Auto	TP
FB714 / 36	USPS MYRTLE BEACH	512 N KINGS HWY	LUST, UST	TP
720 / 36	SURFSIDE EXXON	501 N KINGS HWY	EDR Hist Auto	TP
FE721 / 36		609 4TH AVE N	CDL	TP
FF722 / 36	DISCOUNT TIRE CENTER	1002 3RD AVE S	EDR Hist Auto	TP
FE723 / 36		603 4TH AVE N	CDL	TP
FF724 / 36	3RD AVENUE AUTO SALE	1000 3RD AVE S	EDR Hist Auto	TP
725 / 36		608 N OCEAN BLVD	CDL	TP
726 / 36		211 NORTH MYRTLE ST	CDL	TP
730 / 36	GROVE RECREATIONS IN	HWY 544	ECHO	TP
FH733 / 36	MYRTLE BEACH TEXACO	101 N KINGS HWY	EDR Hist Auto	TP
FH734 / 36	CIRCLE K CORPORATION	110 N KINGS HWY	EDR Hist Auto	TP
FH736 / 36	SIXTY MINIT MART INC	102 N KINGS HWY	EDR Hist Auto	TP
FH737 / 36	MINIT MART OF MYRTLE	100 N KINGS HWY	EDR Hist Auto	TP

MAPPED SITES SUMMARY - FOCUS MAP 36

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
FH738 / 36	VACANT LOT	100 N KINGS HWY	LUST, UST	TP
745 / 36	GAS WORLD SELF SERVI	501 2ND AVE S	EDR Hist Auto	TP
FL757 / 36	SCOTCHMAN 3253	501 3RD AVE S	LUST, UST	TP
FL758 / 36	WORSLEY COMPANIES IN	501 3RD AVE S	EDR Hist Auto	TP
FL759 / 36	SCOTCHMAN 253	301 3RD AVE S	GWCI	TP
FL761 / 36	MARKET EXPRESS - S K	211 S KINGS HWY	LUST, UST	TP
FL765 / 36	LEES DISCOUNT TIRE C	300 S KINGS HWY	EDR Hist Auto	TP
FL766 / 36	EXXON LOCATION 4 309	316 S KINGS HWY	ECHO	TP
FL767 / 36	SUN FUN EXXON	316 S KINGS HWY	EDR Hist Auto	TP
770 / 36	CVS PHARMACY 7386	512 S KING HWY	ECHO	TP
776 / 36	FAMILY KINGDOM INC	300 4TH AVE S	ECHO	TP
778 / 36	AIRBRUSH 66 2	211 S OCEAN BLVD	EDR Hist Auto	TP
782 / 36	SPIVEY SOUTH PUMPING	5TH AVE S & YAUPON D	UST	TP
786 / 36	FUN SPOT ACTION PARK	500 S OCEAN BLVD	LUST, UST	TP
FS789 / 36	MYRTLE BEACH CLEANER	801 SOUTH KING HWY	ECHO	TP
FS800 / 36	FMR DRYCLEAN USA COA	801 S KINGS HWY	SHWS	TP
FS801 / 36	FMR DRYCLEAN USA COA	801 SOUTH KINGS HWY	DRYCLEANERS	TP
FS802 / 36	THREE G CORP	801 S KINGS HGWY	EDR Hist Cleaner	TP
806 / 36	MYRTLEWOOD APARTMENT	407-407A 8TH AVE S	EDR Hist Cleaner	TP
807 / 36	BEST & HESS	903 S KINGS HWY	EDR Hist Auto	TP
FV808 / 36	SPEEDWAY 2840	900 S KINGS HWY	ECHO	TP
FV809 / 36	SPEEDWAY 2840	900 S KINGS HWY	UST	TP
FV810 / 36	SPEEDWAY 2840	900 S KINGS HWY	UST	TP
FV811 / 36	BEST HESS	900 S KINGS HWY	EDR Hist Auto	TP
FW814 / 36	PORT OIL #5	1101 S KINGS HWY	EDR Hist Auto	TP
FW815 / 36	PORT UNIT 205	1101 S KINGS HWY	LUST, UST, GWCI	TP
821 / 36	CORAL BEACH OCEANFRO	1105 S OCEAN BLVD	LUST, UST	TP

Focus Map - 37 - 6226165.2s

Sites
Focus Map - Sites
Indian Reservations BIA
Target Property
Power Line
Search Buffer
National Priority List Sites
Focus Map - No Sites
Dept. Defense Sites

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

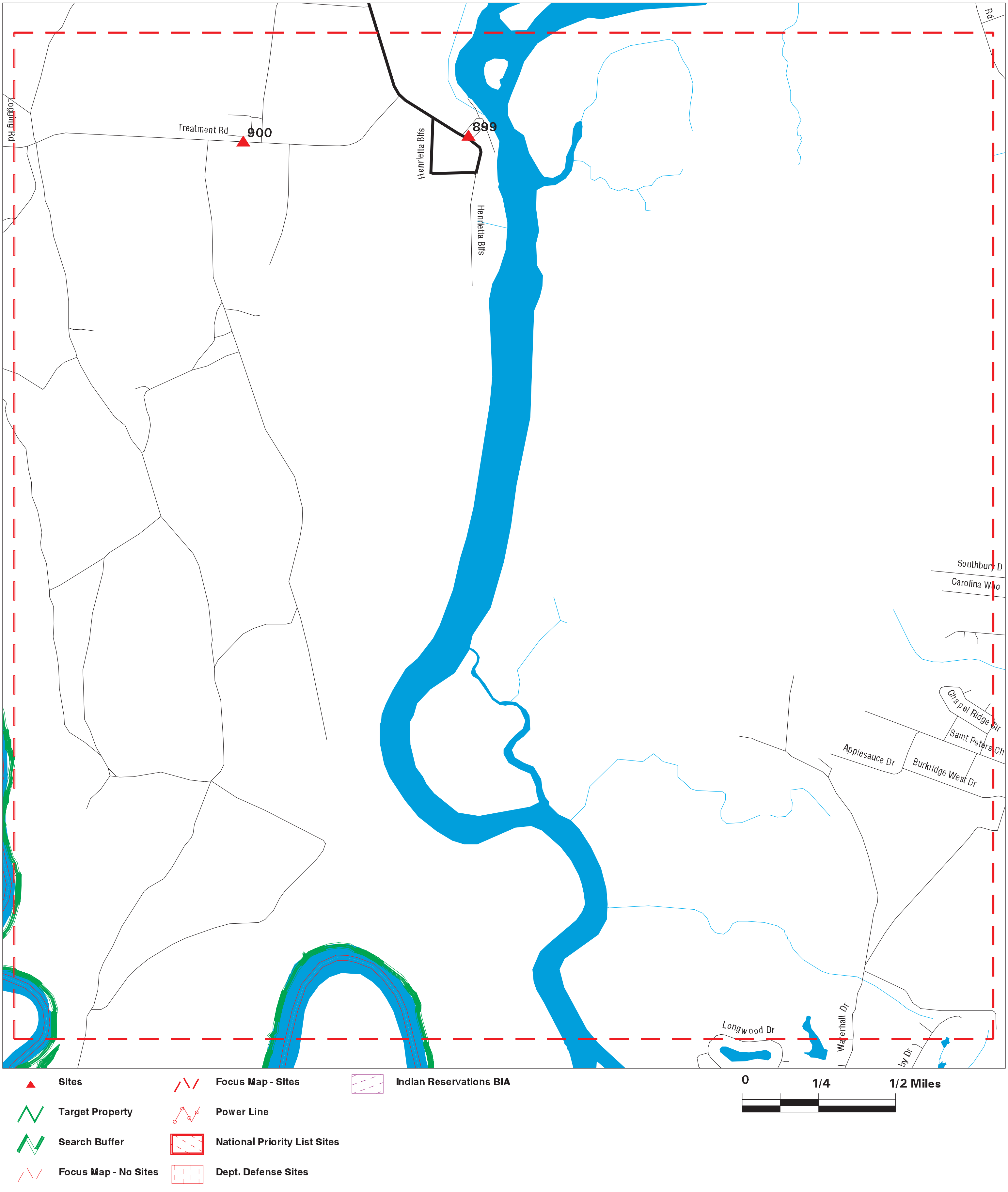
MAPPED SITES SUMMARY - FOCUS MAP 37

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 38 - 6226165.2s



SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 38

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
899 / 38	BUCKSPORT MARINA	135 BUCKSPORT RD	LUST, UST	TP
900 / 38	GSW&SA/BUCKSPORT WWT	8052 TREATMENT RD	ECHO	TP

Focus Map - 39 - 6226165.2s

Sites	Focus Map - Sites	Indian Reservations BIA
Target Property	Power Line	
Search Buffer	National Priority List Sites	
Focus Map - No Sites	Dept. Defense Sites	

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 39

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
905 / 39		6454 SWEET GUM TRAIL	CDL	TP
917 / 39	HOT SPOT 2031	8496 HWY 707	UST	TP
919 / 39	GSW&SA/SCHWARTZ, MYR	FREEWOODS RD 1700 FT	ECHO	TP
920 / 39	HOLMES COMPOSTING SI		SWF/LF	TP
922 / 39	GRAND STRAND WATER A	6298 SCHWARTZ PLANT	ECHO	TP
923 / 39	TEE OFF DELI OF MYRT	8980 HWY 707	LUST, UST, GWCI	TP
926 / 39	A TO Z COASTAL CLEAN	9059 BAYWOOD CIR	EDR Hist Cleaner	TP
GX941 / 39	PANTRY INC	4700 HOLMESTOWN RD	EDR Hist Auto	TP
GX942 / 39	CIRCLE K 2720910	4700 HOLMESTOWN RD	UST	TP
945 / 39	SCOTCHMAN 3224	9600 SC HWY 707	UST	TP
954 / 39	LANCES MINI MART	10088 HWY 707	UST	TP
966 / 39	ISLAND SCREENWORKS I	10607 HWY 707	RCRA-VSQG, ECHO	TP
967 / 39	THE LAKES HOA	200 WATEREE RIVER RD	ECHO	TP
998 / 39	RH MOORE INC	10601 HWY 707	RCRA-VSQG	TP

Focus Map - 40 - 6226165.2s

▲	Sites		Focus Map - Sites		Indian Reservations BIA
	Target Property		Power Line		
	Search Buffer		National Priority List Sites		
	Focus Map - No Sites		Dept. Defense Sites		

0 1/4 1/2 Miles

SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 40

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
GO893 / 40	TARGET STORE 2742	140 SAYEBROOK PKWY	RCRA-LQG	TP
GO894 / 40	TARGET STORE 2742	140 SAYEBROOK PKWY	ECHO	TP
GP896 / 40	SCOTCHMAN 3222	100 N STRAND PKWY	UST	TP
GP897 / 40	SUNWAY CHARTERS	3050 DICK POND RD	UST	TP
898 / 40	BIG CONCRETE SUPPLY	SC 544 & US 17 BYPAS	LUST, UST	TP
902 / 40	PRESTWICK LIMITED PA	2500 PRESTWICK CLUB	UST	TP
903 / 40	SPEEDWAY 4586	2625 DICK POND RD	LUST, UST	TP
904 / 40	RITE AID #11632	2701 DICK POND ROAD	ECHO	TP
GQ907 / 40	SPEEDWAY 4586	2355 DICK POND RD	ECHO	TP
GQ908 / 40	HESS CORPORATION	2355 DICK POND RD	EDR Hist Auto	TP
GQ909 / 40	SPEEDWAY 4586	2355 DICK POND RD	RCRA-VSQG	TP
GR910 / 40	WALMART SUPERCENTER	2751 BEAVER RUN BLVD	RCRA-SQG, ECHO	TP
GR911 / 40	MURPHY USA 7228	2751 BEAVER RUN BLVD	UST	TP
GS912 / 40	PHOENIX 70	2301 DICK POND RD	LUST, UST	TP
GS913 / 40	PANTRY INC	2301 DICK POND RD	EDR Hist Auto	TP
GT914 / 40	LOWES OF S MYRTLE BE	8672 HWY 17 BYPASS	RCRA-SQG	TP
GT915 / 40	LOWES OF S MYRTLE BE	8672 HWY 17 BYPASS	ECHO	TP
916 / 40	MELS DRY CLG PICK UP	1373 ROYAL DEVON DR	EDR Hist Cleaner	TP
918 / 40	THE MARKETPLACE	1401 COVENTRY RD	LUST, UST	TP
GU924 / 40	MURPHY OIL USA INC	8737 HIGHWAY 17 BYP	EDR Hist Auto	TP
GU925 / 40	MURPHY EXPRESS 8632	8737 HWY 17 BYP	UST	TP
927 / 40	OCEAN LAKES LIMITED	1710 HIGHWAY 544	ECHO	TP
928 / 40	WAPPINGERS PLAZA CLE	1447 SOUTHWOOD DR	EDR Hist Cleaner	TP
GV931 / 40	CENAMA INC	1272 DICK POND RD	EDR Hist Auto	TP
GV932 / 40	SCOTCHMAN 3223	1272 DICK POND RD	UST	TP
934 / 40	PANTRY 247	1205 DICK POND RD	LUST, UST	TP
935 / 40	WALMART NEIGHBORHOOD	125 MARYPORT DR	RCRA-VSQG, ECHO	TP
GW936 / 40	OCEAN LAKES SERVICE	6001 S KINGS HWY	LUST, UST	TP
GW937 / 40	OCEAN LAKES FAMILY C	6001 S KINGS HWY	ECHO	TP
GW938 / 40	OCEAN LAKES SERVICE	6001 S KINGS HWY	GWCI	TP
GW939 / 40	OCEAN LAKES FAMILY C	6001 S KINGS HWY	UST	TP
940 / 40	PANTRY INC	1203 DICK POND RD	EDR Hist Auto	TP
GY943 / 40	CIRCLE K 2708109	2016 N HWY 17	GWCI	TP
GY944 / 40	CIRCLE K 2708109	2016 N HWY 17	LUST, UST	TP
946 / 40		1200 DEER CREEK RD	CDL	TP
GZ947 / 40	SPEEDWAY 4577	3288 HOLMESTOWN RD	RCRA-VSQG	TP
GZ948 / 40	SPEEDWAY 4577	3288 HOLMESTOWN RD	ECHO	TP
GZ949 / 40	SPEEDWAY 4577	3288 HOLMESTOWN RD	UST	TP
HA950 / 40	DEERFIELD PLAZA CLEA	1784 HWY 17 N	ECHO	TP

MAPPED SITES SUMMARY - FOCUS MAP 40

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

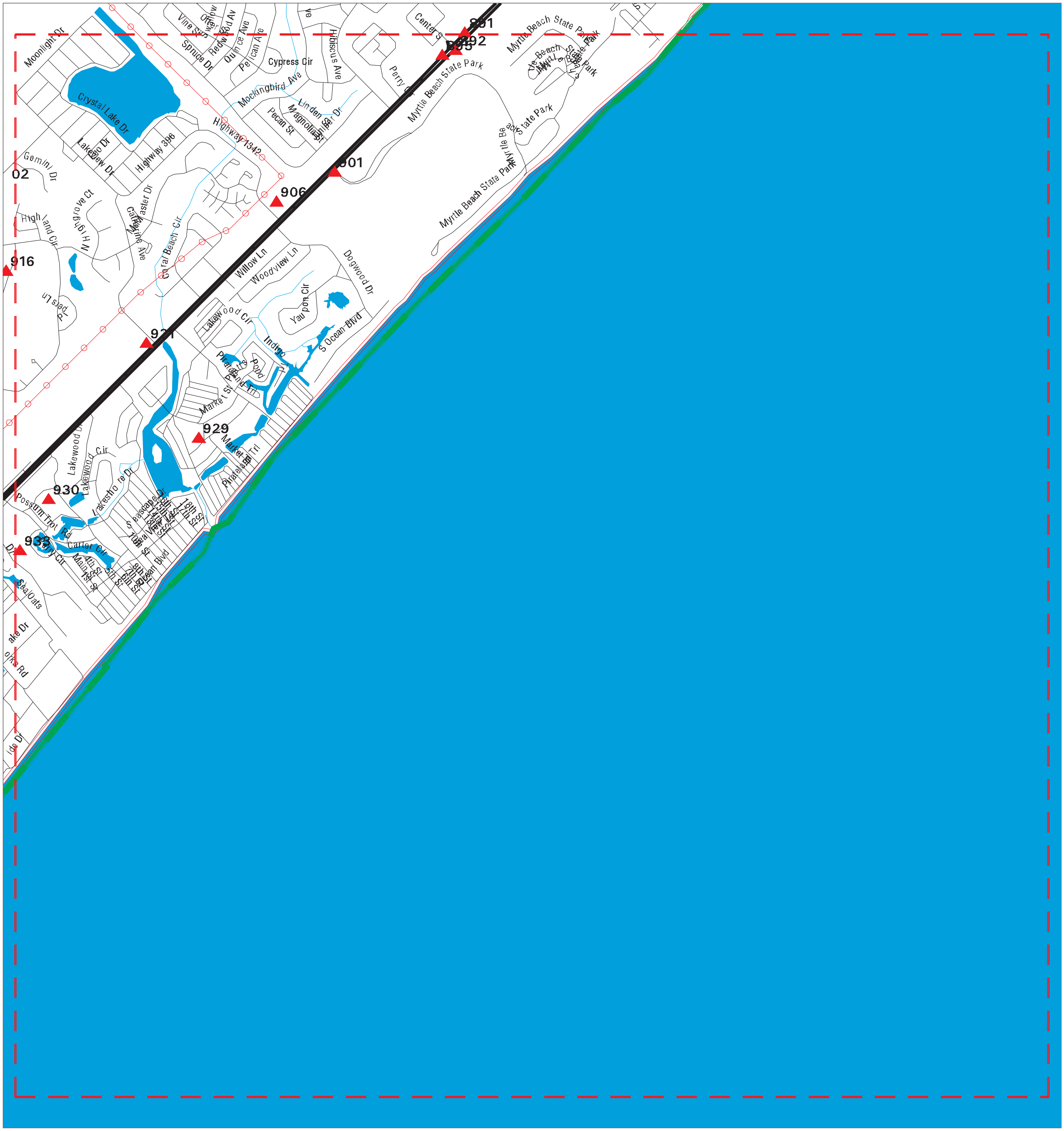
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
HA951 / 40	DEERFIELD PLAZA SHOP	1784 US HWY 17	SHWS	TP
952 / 40	OCEAN LAKES CONSTRUC	11-M DICK POND ROAD	ECHO	TP
953 / 40	PIT STOP CAR WASHES	600 HWY 17 S	GWCI	TP
955 / 40	SCOTCHMAN 3052	1611 HWY 17N	LUST, UST, GWCI	TP
HB956 / 40	BENTON READY MIX INC	2835 HOLMESTOWN RD	ECHO	TP
HB957 / 40	CONCRETE DESIGNS	2835 HOLMESTOWN RD	ECHO	TP
HC958 / 40	PANTRY INC	2590 GLENNS BAY RD	EDR Hist Auto	TP
HC959 / 40	PANTRY 3232	2590 GLENNS BAY RD	LUST, UST	TP
HC960 / 40	LEE BOK TEAK	2286 GLENNS BAY RD	EDR Hist Cleaner	TP
HD961 / 40	PANTRY INC	2591 GLENNS BAY RD	EDR Hist Auto	TP
HD962 / 40	CIRCLE K 2720792	2591 GLENNS BAY RD	UST	TP
HE963 / 40	EXPRESS LUBE OF SURF	920 HIGHWAY 17 N	EDR Hist Auto	TP
964 / 40	ROCKYS DRY CLG & LDR	700 PLANTATION DR A	EDR Hist Cleaner	TP
HE965 / 40	MASON TIRE AND AUTO	750 HWY 17 N	LUST, UST	TP
HF968 / 40	ATLANTIC CLEANERS IN	510 E HWY 17 BUS	RCRA-VSQG, ECHO	TP
HF969 / 40	ATLANTIC CLEANERS IN	510 HIGHWAY 17 N	EDR Hist Cleaner	TP
HG970 / 40	CIRCLE K 2723482	501 HWY 17 N	LUST, UST, GWCI	TP
HG971 / 40	PANTRY INC	501 HIGHWAY 17 N	EDR Hist Auto	TP
HH972 / 40	PANTRY 465	999 HWY 17 S	LUST, UST, GWCI	TP
HH973 / 40	CORKYS EXXON INC	215 HWY 17 N	UST	TP
HH974 / 40	PATEL BROTHERS INC D	215 HWY 17 N	LUST, UST, GWCI	TP
HI975 / 40	AAA TRANSMISSION INC	811 2ND AVE NORTH	RCRA-VSQG	TP
HI976 / 40	AAA TRANSMISSION INC	811 2ND AVE N	ECHO	TP
HJ977 / 40	RITE AID #11631	118 US HIGHWAY 17 NO	ECHO	TP
HJ978 / 40	FAMILY DOLLAR 287	114 HWY 17 N	ECHO	TP
HJ979 / 40	FAMILY DOLLAR 287	114 HWY 17 N	RCRA-VSQG	TP
HJ980 / 40	SURFSIDE BEACH TOWN	115 US HWY 17 N	LUST, UST, GWCI	TP
981 / 40	CIRCLE K 2720334	1011 GLENNS BAY RD	LUST, UST	TP
HJ982 / 40	PANTRY INC	11 HIGHWAY 17 N	EDR Hist Auto	TP
HJ983 / 40	CIRCLE K 2723418	11 HWY 17 N	LUST, UST, GWCI	TP
984 / 40	SCDOT	US 17 AT US 17 BUSIN	ECHO	TP
HK985 / 40	SURFSIDE CLEANERS	824 SURFSIDE DRIVE	EDR Hist Cleaner	TP
HK986 / 40	SURFSIDE CLEANERS IN	822 SURSIDE DR	SHWS	TP
HK987 / 40	SURFSIDE CLEANERS	822 SURFSIDE DR	RCRA-VSQG, ECHO	TP
HK988 / 40	SURFSIDE CLEANERS IN	822 SURFSIDE DR	EDR Hist Cleaner	TP
HK989 / 40	SURFSIDE CLEANERS IN	822 SURFSIDE DR	DRYCLEANERS	TP
990 / 40	SPARKS ESSO SERVICE	316 HWY 17 SOUTH	EDR Hist Auto	TP
991 / 40		407 5TH AVE N	CDL	TP
992 / 40	LUBE CITY	1012 SURFPINE DR	LUST, UST	TP

MAPPED SITES SUMMARY - FOCUS MAP 40

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
993 / 40	TILSON INC	600 HWY 17 SOUTH	EDR Hist Auto	TP
HL994 / 40	CVS PHARMACY 5515	601 HWY 17 S	RCRA-LQG	TP
HL995 / 40	CVS PHARMACY 5515	601 HWY 17 S	ECHO	TP
996 / 40	SUNSPOT CONVENIENCE	411 HWY 17 S	LUST, UST, GWCI	TP
HM997 / 40	SCOTCHMAN 137	600 N KINGS HWY	GWCI	TP
999 / 40	PAINT & BODY BY RON	1401 HIGHWAY 175	RCRA-VSQG	TP
HM1000 / 40	BEACH AUTO BODY INC	605 HWY 17 SOUTH	RCRA-VSQG	TP
HM1001 / 40	BEACH AUTO BODY INCO	605 HWY 17 S	ECHO	TP
1002 / 40		304 N OCEAN BLVD	CDL	TP
HN1003 / 40	OWENS MOTOR CO	635 HWY 17 SOUTH	RCRA-VSQG	TP
HN1004 / 40	OWENS MOTOR CO	635 HWY 17 S	ECHO	TP

Focus Map - 41 - 6226165.2s



▲ Sites	Focus Map - Sites	Indian Reservations BIA	
Target Property	Power Line		
Search Buffer	National Priority List Sites		
Focus Map - No Sites	Dept. Defense Sites		

0 1/4 1/2 Miles

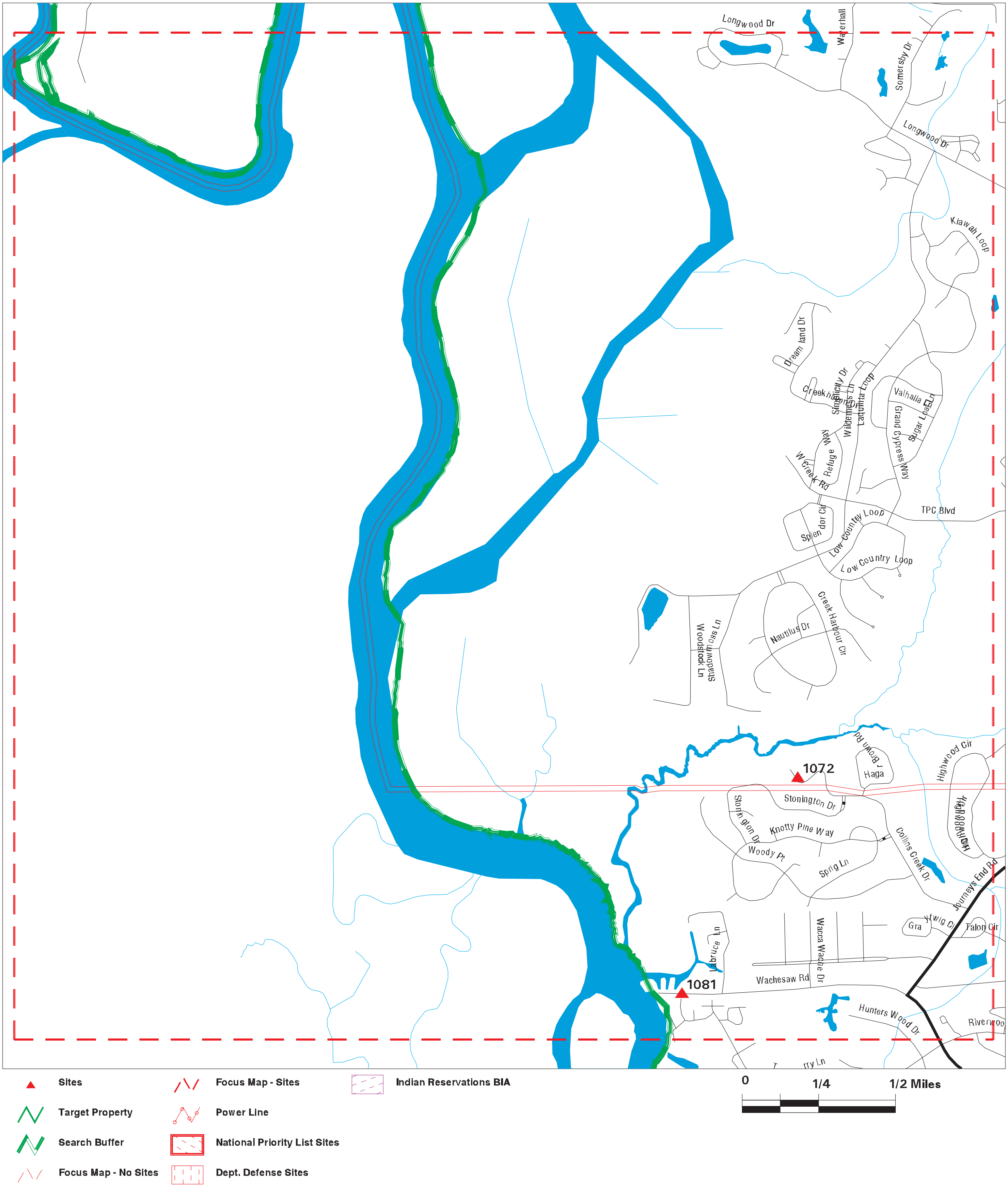
SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 41

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
892 / 41	BOLTON BRITE WAY CLE	3901 S KINGS HWY	EDR Hist Cleaner	TP
895 / 41	FOOD LION 427	3890 SOUTH KINGS HWY	ECHO	TP
901 / 41	MYRTLE BEACH STATE P	4401 S KINGS HWY	UST	TP
906 / 41	MYRTLE BEACH HARLEY	4710 S KINGS HWY	RCRA-VSQG, ECHO	TP
921 / 41	CIRCLE K 2723059	5600 S HWY 17	LUST, UST, GWCI	TP
929 / 41	PIRATELAND FAMILY CA	5401 S KINGS HWY	LUST, UST	TP
930 / 41	LAKEWOOD CAMPING RES	5901 SOUTH KINGS HIG	ECHO	TP
933 / 41	MYRTLE BEACH RESORT	5905 S KINGS HWY UNI	LUST, UST	TP

Focus Map - 42 - 6226165.2s



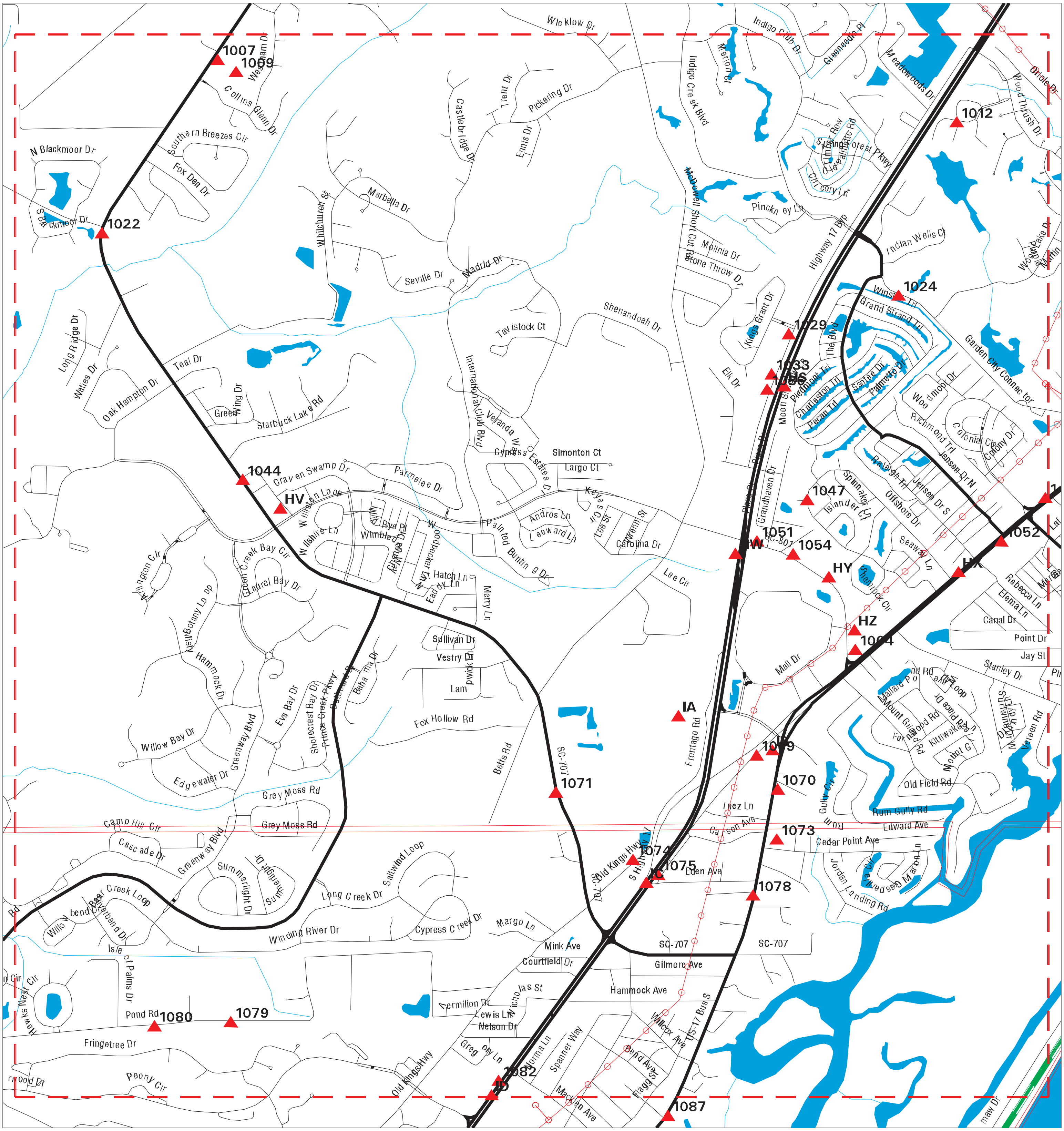
SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 42

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1072 / 42	BP BA BUCKS LITCHFIE	3385 COLLINS CREEK D	EDR Hist Auto	TP
1081 / 42	WACCA WACHE MARINA	1950 WACHESAW RD	UST	TP

Focus Map - 43 - 6226165.2s



▲ Sites	Focus Map - Sites	Indian Reservations BIA	0 — 1/4 — 1/2 Miles
Target Property	Power Line		
Search Buffer	National Priority List Sites		
Focus Map - No Sites	Dept. Defense Sites		

SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 43

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1007 / 43	AA CLEANERS	11109 HIGHWAY 707	EDR Hist Cleaner	TP
1009 / 43	COLLINS CREEK GAS &	11113 HWY 707	LUST, UST	TP
1012 / 43		4305 SWEETWATER BLVD	CDL	TP
1022 / 43	R H MOORE COMPANY IN	10601 HIGHWAY 707	ECHO	TP
1024 / 43	MYRTLE BEACH CLEANER	889 GARDEN CITY CONN	EDR Hist Cleaner	TP
1029 / 43	AMERI KOOL INC	11690 HWY 17 BYPASS	ECHO	TP
1033 / 43	PLANTATION SHUTTER C	11750 HWY 17 BYPASS	RCRA-VSQG, ECHO	TP
HS1034 / 43	KMART 3763	10125 HWY 17 BYPASS	RCRA-VSQG	TP
HS1035 / 43	KMART 3763	10125 HWY 17 BYPASS	ECHO	TP
1036 / 43	JIFFY LUBE	11772 HIGHWAY 17 BYP	EDR Hist Auto	TP
1044 / 43	LOWES FOODS LLC STOR	11903 HWY 707	UST	TP
1046 / 43	FORMER KRISPY KREME	2856 HWY 17 S	LUST, UST	TP
1047 / 43	INLET CLEANERS	4 INLET CIR	EDR Hist Cleaner	TP
HV1048 / 43	CVS PHARMACY 8936	101 FOUNDERS BAY RD	RCRA-VSQG	TP
HV1049 / 43	CVS PHARMACY 8936	101 FOUNDERS BAY RD	ECHO	TP
1051 / 43	ROSE FAMILY PROPERTI	940 INLET SQUARE DR	LUST, UST, GWCI	TP
1052 / 43	KROGER FUEL CTR 025	2939 HWY 17 S	UST	TP
HW1053 / 43	WAL-MART NEIGHBORHOO	11980 HIGHWAY 17 BYP	RCRA-VSQG, ECHO	TP
1054 / 43	S STRAND CUSTOMER SE	900 INLET SQUARE DR	LUST, UST, GWCI	TP
HW1055 / 43	WALMART NEIGHBORHOOD	11970 HWY 17 BYP	UST	TP
HX1056 / 43	VILLAGE HARDWARE	3008 HWY 17 S	LUST, UST, GWCI	TP
HX1057 / 43	BONE ERNEST H	3008 HIGHWAY 17	EDR Hist Auto	TP
HY1058 / 43	INLET SQUARE BODY SH	840 INLET SQUARE DR	ECHO	TP
HY1059 / 43	INLET SQUARE BODY SH	840 INLET SQUARE DR	RCRA-VSQG	TP
HX1060 / 43	SCOTCHMAN 3124	3020 HWY 17 S	LUST, UST, GWCI	TP
HZ1061 / 43	MURRELLS INLET DRUM	804 INLET SQUARE DR	ECHO	TP
HZ1062 / 43	MURRELLS INLET DRUM	804 INLET SQUARE DR	SHWS	TP
HZ1063 / 43	MURRELS INLET DRUM S	804 INLET SQUARE DRI	SEMS-ARCHIVE	TP
1064 / 43	RITE AID #11633	788 INLET SQUARE DRI	ECHO	TP
IA1065 / 43	HOME DEPOT 1122	12262 HWY 17 BYPASS	RCRA-SQG	TP
IA1066 / 43	THE HOME DEPOT 1122	12262 HWY 17 BYPASS	ECHO	TP
IB1067 / 43	CLARK & GRAINGER INC	3411 HIGHWAY 17 BUSI	EDR Hist Auto	TP
IB1068 / 43	COASTAL GAS	3411 HWY 17 BUS	UST	TP
1069 / 43	MERCHANTS TIRE DBA N	3419 HWY 17 S	RCRA-VSQG, ECHO	TP
1070 / 43	COOLIES MARINE SERVI	3453 HWY 17 BUS	EDR Hist Auto	TP
1071 / 43	S&W MURRELLS INLET	12414 HWY 707	ECHO	TP
1073 / 43	PANTRY 3483	3525 HWY 17 BUS	LUST, UST	TP
1074 / 43	CREMATION SERVICES O	3558A OLD KINGS HWY	ECHO	TP
1075 / 43	SHELL RAPID LUBE	3619 HIGHWAY 17	EDR Hist Auto	TP

MAPPED SITES SUMMARY - FOCUS MAP 43

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
IC1076 / 43	CVS PHARMACY 2736	3710 HWY 17 BYPASS	RCRA-VSQG	TP
IC1077 / 43	CVS PHARMACY 2736	3710 HWY 17 BYPASS	ECHO	TP
1078 / 43	INLET CONVENIENCE MA	3610 HWY 17 BUSINESS	LUST, UST, GWCI	TP
1079 / 43	MURRELLS INLET WASTE	1441 POND ROAD	ECHO	TP
1080 / 43	WACHESAW PLANTATION	1623 POND RD	ECHO	TP
1082 / 43	TIDELANDS WACCAMAW C	4070 HWY 17 BYPASS	UST	TP
ID1083 / 43	GEORGETOWN HOSPITAL	4070 HWY 17 BYPASS 1	ECHO	TP
ID1084 / 43	MYRTLE BEACH REHABIL	4070 HWY 17 BYPASS S	ECHO	TP
ID1085 / 43	WACCAMAW COMMUNITY H	4070 HIGHWAY 17SOUTH	ECHO	TP
ID1086 / 43	WACCAMAW MEDICAL CEN	4033 HWY 17 BYPASS	ECHO	TP

Focus Map - 44 - 6226165.2s

Sites	Focus Map - Sites	Indian Reservations BIA
Target Property	Power Line	
Search Buffer	National Priority List Sites	
Focus Map - No Sites	Dept. Defense Sites	

0 1/4 1/2 Miles

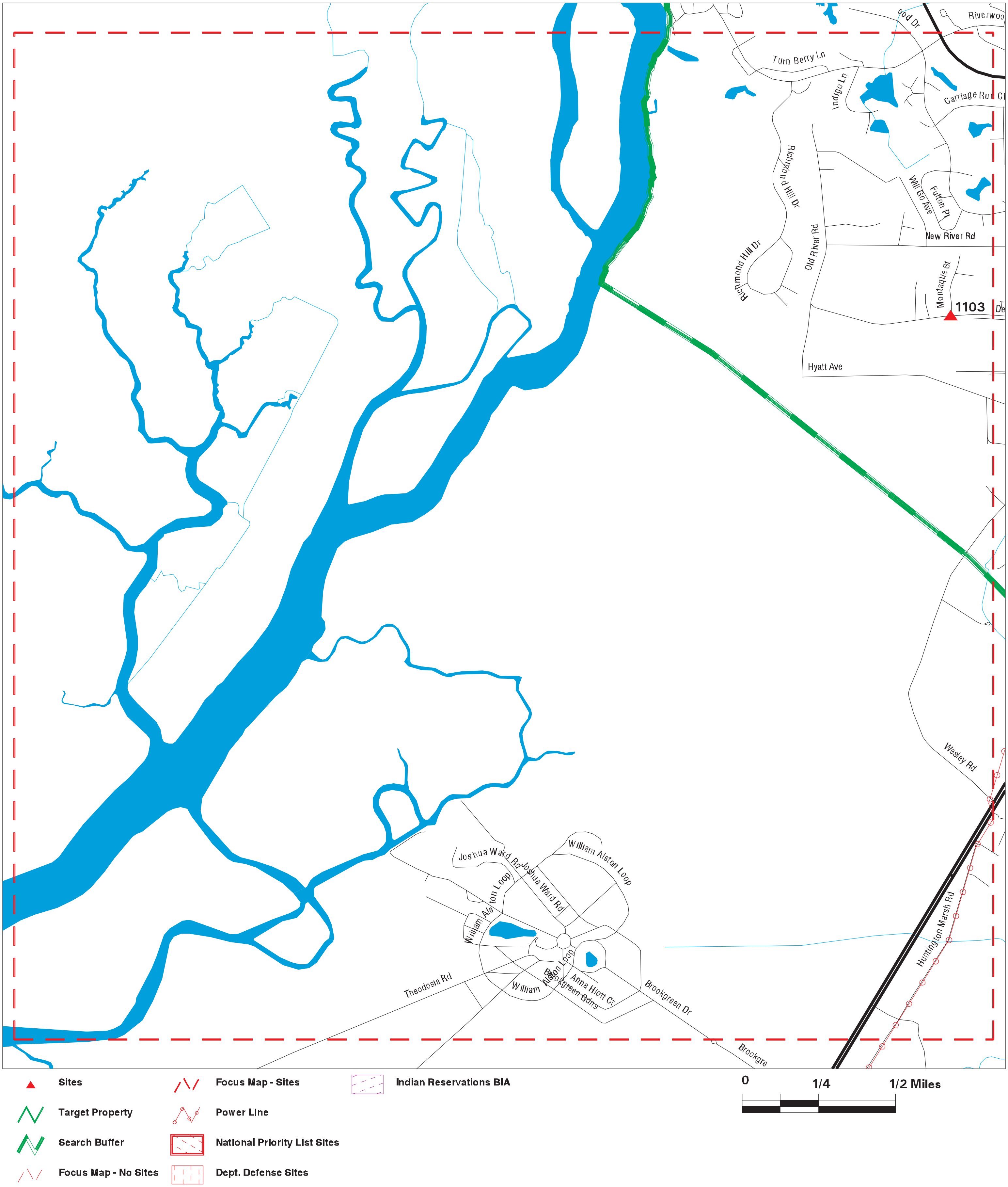
SITE NAME: SELL Project - Regulatory Review	CLIENT: F&ME Consultants
ADDRESS: SELL Project - Regulatory Review	CONTACT: Christine A. Cafagna
CITY/STATE: Conway SC	INQUIRY #: 6226165.2s
ZIP: 29527	DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 44

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1005 / 44		308 2ND AVE N	CDL	TP
1006 / 44	MYRTLE BEACH KOA	613 5TH AVE S	LUST, UST	TP
1008 / 44	WILD WATER & WHEELS	910 HWY 17 S	UST	TP
HO1010 / 44	PANTRY INC	999 HIGHWAY 17 S	EDR Hist Auto	TP
HO1011 / 44	WALSERDALE GROCERY	1001 TENTH AVE S	EDR Hist Auto	TP
1013 / 44	PAINT & BODY BY RON	1401 HWY 17S	ECHO	TP
1014 / 44	TIDEMASTER OWNERS AS	517 S OCEAN BLVD	LUST, UST	TP
HP1015 / 44	PANTRY INC	1611 HIGHWAY 17 S	EDR Hist Auto	TP
HP1016 / 44	CIRCLE K 2723062	1611 HWY 17 S	LUST, UST	TP
HP1017 / 44	PANTRY 3062 DBA KANG	1611 HWY 17 S @ MELO	GWCI	TP
HP1018 / 44	CIRCLE K CORPORATION	1701 HWY 17	EDR Hist Auto	TP
HP1019 / 44	CIRCLE K STORES INC	1701 HIGHWAY 17 S	EDR Hist Auto	TP
1020 / 44		1725 NORTH HWY 17	CDL	TP
1021 / 44		1016 WILLOW DRIVE	CDL	TP
1023 / 44	CIRCLE K 2720403	2005 US 17 BUESINESS	LUST, UST	TP
HQ1025 / 44	SAND DOLLAR DRY CLEA	2138 S HIGHWAY 17	EDR Hist Cleaner	TP
HQ1026 / 44	ATLANTIC COAST CLEAN	2138 HWY 17	SHWS	TP
HQ1027 / 44	ATLANTIC COAST CLEAN	2138 HWY 17	DRYCLEANERS	TP
HQ1028 / 44	SAND DOLLAR DRY CLEA	2138 HIGHWAY 17	EDR Hist Cleaner	TP
HR1030 / 44	JAMES CLEANERS & TAI	2428 HIGHWAY 17	EDR Hist Cleaner	TP
HR1031 / 44	JAMES CLEANERS & TAI	2428 S HIGHWAY 17	EDR Hist Cleaner	TP
1032 / 44	BULL MART 4	2464 HWY 17 S	LUST, UST	TP
HT1037 / 44	WALMART SUPERCENTER	545 GARDEN CITY CONN	RCRA-SQG	TP
HT1038 / 44	WALMART SUPERCENTER	545 GARDEN CITY CONN	ECHO	TP
1039 / 44	SURFMASTER CONDOMINI	1620 N WACCAMAW DR	UST	TP
HU1040 / 44	MURPHY OIL USA INC	2700 S HWY 17 BUSINE	EDR Hist Auto	TP
HU1041 / 44	MURPHY EXPRESS 8663	2700 S HWY 17 BUS	UST	TP
1042 / 44	CREMATION SERVICES O	576 CYPRESS AVE	ECHO	TP
1043 / 44	GARDEN CITY 66	RT 2 PO BOX 570	LUST, UST, GWCI	TP
1045 / 44	DYNAMIC GLASSING	601 BOUNDRY RD.	RCRA-VSQG, ECHO	TP
1050 / 44		433 BELLE DR	CDL	TP

Focus Map - 45 - 6226165.2s



SITE NAME: SELL Project - Regulatory Review ADDRESS: SELL Project - Regulatory Review CITY/STATE: Conway SC ZIP: 29527	CLIENT: F&ME Consultants CONTACT: Christine A. Cafagna INQUIRY #: 6226165.2s DATE: 10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 45

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1103 / 45	B M & P SANDPIT	TURNTABLE RD	ECHO	TP

Focus Map - 46 - 6226165.2s

- Sites
- Target Property
- Search Buffer
- Focus Map - No Sites
- Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA

0 1/4 1/2 Miles

SITE NAME:	SELL Project - Regulatory Review	CLIENT:	F&ME Consultants
ADDRESS:	SELL Project - Regulatory Review	CONTACT:	Christine A. Cafagna
CITY/STATE:	Conway SC	INQUIRY #:	6226165.2s
ZIP:	29527	DATE:	10/15/20

MAPPED SITES SUMMARY - FOCUS MAP 46

Target Property:
SELL PROJECT - REGULATORY REVIEW
CONWAY, SC 29527

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1087 / 46	ANCHOR RESTAURANT IN	3993 US HWY 17 BUSIN	LUST, UST	TP
1088 / 46	H&C FISH HOUSE INC	4091 HWY 17 BUS	UST	TP
1089 / 46	CAPTAIN DICKS MARINA	4123 US 17 BUSINESS	LUST, UST, GWCI	TP
IE1090 / 46	SPEEDWAY 4592	4326 HIGHWAY 17	ECHO	TP
IE1091 / 46	SPEEDWAY 4592	4326 HIGHWAY 17	RCRA-VSQG	TP
IE1092 / 46	WILCOHESS LLC	4326 HIGHWAY 17 STE	EDR Hist Auto	TP
IE1093 / 46	SPEEDWAY 4592	4326A HWY 17 S	LUST, UST, GWCI	TP
IF1094 / 46	SOUTH BEACH BAR	5218 HWY 17 BYPASS	LUST, UST	TP
1095 / 46	MARLIN QUAY MARINA B	1508 S WACCAMAW DR	LUST, UST	TP
IF1096 / 46	GASOLINE ALLEY	4584 HWY 17	LUST, UST	TP
IF1097 / 46	GASOLINE ALLEY	4584 HWY 17	GWCI	TP
IF1098 / 46	REFUEL 35	4584 HWY 17	UST	TP
1099 / 46	INLET CONVENIENCE &	4463 HWY 17 BUSINESS	LUST, UST, GWCI	TP
IG1100 / 46	CIRCLE K 2720790	658 WACHESAW RD	LUST, UST	TP
IG1101 / 46	PANTRY INC	658 WACHESAW RD	EDR Hist Auto	TP
IG1102 / 46		656 WACHESAW RD	HMIRS	TP
1104 / 46	CWS WHITES CREEK-LIN	PEE DEE RD	ECHO	TP
1105 / 46		1069 PALMER PL	CDL	TP
1106 / 46	CIRCLE K 2723067	5146 HWY 17 BYPASS	LUST, UST	TP
IH1107 / 46	CIRCLE K 2723229	3741 HWY 17 BYPASS	LUST, UST, GWCI	TP
IH1108 / 46	CIRCLE K 2720301	3730 HWY 17 BYPASS	LUST, UST	TP

1 **Target** **Property**	**MIDWAY CHAPEL** **5405 W HWY 501** **CONWAY, SC**	**LUST** **UST**	**U004254830** **N/A**

Actual:
84 ft.

Focus Map:
3

LUST:

Name:	MIDWAY CHAPEL
Address:	5405 W HWY 501
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	17558
Release Status Number:	9
Substance:	PETRO
Tank Owner Company Name:	UNKNOWN
Tank Owner Last Name:	UNKNOWN
Tank Owner First name:	Not reported
NFA Date:	06/30/2003
Tank Owner City:	Not reported
Confirmed Date:	09/12/1996
Release Date:	09/09/1996
EID:	1795182
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	WT
Qualified:	N
Release Source:	UST
Local Fac Last Name:	MIDWAY CHAPEL
Local Fac First Name:	Not reported
User Name:	MINERRS
Cleanup Initiated Date:	09/12/1996
Prefix:	T
Total Score:	536

LUST:

Release Date:	09/09/1996
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	09/12/1996
RP Name:	UNKNOWN
RP Address:	Not reported
RP City:	Not reported
RP State:	SC
RP Zip:	29803
SCRBCA Class Code:	CLASS2BB
Project Manager:	MINER, READ S
Release Fin Type Code:	WT

UST:

Name:	MIDWAY CHAPEL
Address:	5405 W HWY 501
City:	CONWAY
Facility ID:	17558
Permit:	T 17558
Owner:	UNKNOWN
Owner Address:	Not reported
Owner City, st, zip:	SC 29803
Owner Phone:	000-000-0000

MIDWAY CHAPEL (Continued) **U004254830**

Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

2
Target Property
460 KNOTTY BRANCH RD
CONWAY, SC 29527
CDL **S120857609**
N/A

Actual:
84 ft.
Focus Map:
3

CDL 2:

Name:	Not reported
Address:	460 KNOTTY BRANCH RD
City,State,Zip:	CONWAY, SC 29527
Date Seized:	07/09/2017
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	HORRY COUNTY POLICE DEPT. HEADQUARTERS
Lab Number:	170076
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3040
Was NPLEX Used:	NO
Num Child:	0
Structure:	Mobile Home

3
Target Property
5001 MURRAY JOHNSON RD
CONWAY, SC 29526
CDL **S113910619**
N/A

Actual:
61 ft.
Focus Map:
3

CDL 2:

Name:	Not reported
Address:	5001 MURRAY JOHNSON RD
City,State,Zip:	CONWAY, SC 29526
Date Seized:	04/30/2013
Facility Detail:	Not reported
Lab Address:	5001 Murray Johnson RdConway, SC 29526
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

A4 Target Property	**MARVINS COUNTRY KITCHEN** **4580 HIGHWAY 501 W** **CONWAY, SC 29526**	**EDR Hist Auto**	**1020261065** **N/A**

Site 1 of 3 in cluster A

Actual:
61 ft.

Focus Map:
3

EDR Hist Auto

Year:	Name:	Type:
1994	MARVINS COUNTRY KITCHEN	Convenience Stores
1995	MARVINS COUNTRY KITCHEN	Convenience Stores
1997	MARVINS COUNTRY KITCHEN	Convenience Stores
1998	MARVINS COUNTRY KITCHEN	Convenience Stores

A5 Target Property	**MARVINS COUNTRY KITCHEN** **4580 HWY 501 W** **CONWAY, SC**	**UST**	**U004254354** **N/A**

Site 2 of 3 in cluster A

Actual:
61 ft.

Focus Map:
3

UST:

Name:	MARVINS COUNTRY KITCHEN
Address:	4580 HWY 501 W
City:	CONWAY
Facility ID:	15227
Permit:	N 15227
Owner:	ALTMAN, MARVIN
Owner Address:	4580 HWY 501 W
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	803-365-5060

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15

Name:	MARVINS COUNTRY KITCHEN
Address:	4580 HWY 501 W
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15

A6 Target Property	**JOHNSONS OLD RAIL ROAD EXPRESS** **4580 HWY 501 W** **CONWAY, SC**	**UST**	**U004255185** **N/A**

Site 3 of 3 in cluster A

Actual:
61 ft.

Focus Map:
3

UST:

Name:	JOHNSONS OLD RAIL ROAD EXPRESS
Address:	4580 HWY 501 W
City:	CONWAY
Facility ID:	19028

JOHNSONS OLD RAIL ROAD EXPRESS (Continued) **U004255185**

Permit: P 19028
Owner: OSBORN, HAFIDA E
Owner Address: 4580 HWY 501 W
Owner City, st, zip: CONWAY SC 29526
Owner Phone: 843-254-0708

Tank ID: 1
Status: **Extended Out-of-Use**
Capacity: 20000
Product: Multiple petroleum
Calcage: 0

7
Target
Property

FARM MART
5565 HWY 501W
CONWAY, SC

LUST **U003521184**
UST **N/A**

Actual:
61 ft.

Focus Map:
3

LUST:

Name:	FARM MART
Address:	5565 HWY 501W
City,State,Zip:	CONWAY, SC 29526-4729
Release Number:	1
Facility ID:	05005
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	JOYCE & DAVID LAMBERT
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/25/2006
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/17/1999
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	BRINEYSM
Cleanup Initiated Date:	03/24/2000
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	12/17/1999
Cleanup Complete Date:	01/06/2006
Depth to Ground Water:	6.5
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	03/24/2000
RP Name:	JOYCE & DAVID LAMBERT
RP Address:	5565 HWY 501W
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-4729
SCRBCA Class Code:	CLASS3AB
Project Manager:	BRINEY, STEPHANIE M

FARM MART (Continued) **U003521184**

Release Fin Type Code: W25

UST:

Name: FARM MART
Address: 5565 HWY 501W
City: CONWAY
Facility ID: 05005
Permit: N 05005
Owner: JOYCE & DAVID LAMBERT
Owner Address: 5565 HWY 501W
Owner City, st, zip: CONWAY SC 29526-4729
Owner Phone: 843-365-3359

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Diesel fuel
Calcage: 5

Name: FARM MART
Address: 5565 HWY 501W
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: 10

Name: FARM MART
Address: 5565 HWY 501W
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: 10

---

8 **501 MINI MART LLC** **LUST** **U003629214**
Target **4245 HWY 501 W** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Actual:
64 ft.

Focus Map:
7

LUST:

Name: 501 MINI MART LLC
Address: 4245 HWY 501 W
City,State,Zip: CONWAY, SC 29526
Release Number: 1
Facility ID: 10309
Release Status Number: 1
Substance: PETROL
Tank Owner Company Name: FONZIE & HENRY LEWIS
Tank Owner Last Name: FONZIE & HENRY LEWIS
Tank Owner First name: Not reported
NFA Date: 02/17/2012
Tank Owner City: CONWAY

501 MINI MART LLC (Continued) **U003629214**

Confirmed Date:	02/24/2006
Release Date:	09/19/2005
EID:	16300202
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	501 MINI MART LLC
Local Fac First Name:	Not reported
User Name:	SHRADEAA
Cleanup Initiated Date:	02/24/2006
Prefix:	R
Total Score:	222

LUST:

Release Date:	01/22/2007
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.519
Ground Water Flow Direction:	S
Release Number:	2
Confirmed date:	01/26/2007
RP Name:	FONZIE & HENRY LEWIS
RP Address:	4245 HWY 501 W
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	W25

Release Date:	09/19/2005
Cleanup Complete Date:	02/17/2012
Depth to Ground Water:	5.759
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	02/24/2006
RP Name:	FONZIE & HENRY LEWIS
RP Address:	4245 HWY 501 W
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2BB
Project Manager:	SHRADER, ART A
Release Fin Type Code:	W25

Name:	501 MINI MART LLC
Address:	4245 HWY 501 W
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	10309
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	FONZIE & HENRY LEWIS
Tank Owner Last Name:	FONZIE & HENRY LEWIS
Tank Owner First name:	Not reported
NFA Date:	Not reported

501 MINI MART LLC (Continued) **U003629214**

Tank Owner City: CONWAY
Confirmed Date: 02/24/2006
Release Date: 01/22/2007
EID: 16300202
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: 2BB
Release Fin Type Code: W25
Qualified: Y
Release Source: UST
Local Fac Last Name: 501 MINI MART LLC
Local Fac First Name: Not reported
User Name: WYKELJM
Cleanup Initiated Date: 01/26/2007
Prefix: R
Total Score: 300100

LUST:
Release Date: 01/22/2007
Cleanup Complete Date: Not reported
Depth to Ground Water: 5.519
Ground Water Flow Direction: S
Release Number: 2
Confirmed date: 01/26/2007
RP Name: FONZIE & HENRY LEWIS
RP Address: 4245 HWY 501 W
RP City: CONWAY
RP State: SC
RP Zip: 29526
SCRBCA Class Code: CLASS2BB
Project Manager: MARTIN, JAMES M
Release Fin Type Code: W25

Release Date: 09/19/2005
Cleanup Complete Date: 02/17/2012
Depth to Ground Water: 5.759
Ground Water Flow Direction: SE
Release Number: 1
Confirmed date: 02/24/2006
RP Name: FONZIE & HENRY LEWIS
RP Address: 4245 HWY 501 W
RP City: CONWAY
RP State: SC
RP Zip: 29526
SCRBCA Class Code: CLASS2BB
Project Manager: SHRADER, ART A
Release Fin Type Code: W25

UST:
Name: 501 MINI MART LLC
Address: 4245 HWY 501 W
City: CONWAY
Facility ID: 10309
Permit: R 10309
Owner: FONZIE & HENRY LEWIS
Owner Address: 4245 HWY 501 W
Owner City, st, zip: CONWAY SC 29526

501 MINI MART LLC (Continued) **U003629214**

Owner Phone:	843-365-6402
Tank ID:	1
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0
Name:	501 MINI MART LLC
Address:	4245 HWY 501 W
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0
Name:	501 MINI MART LLC
Address:	4245 HWY 501 W
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	6000
Product:	Diesel fuel
Calcage:	0
Name:	501 MINI MART LLC
Address:	4245 HWY 501 W
City:	CONWAY
Tank ID:	4
Status:	**Currently in Use**
Capacity:	1000
Product:	Gasoline RUL
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10309
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False

501 MINI MART LLC (Continued) **U003629214**

Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 10309. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

9
Target
Property

LARRYS TRANSMISSION SERVICE
1066 D ST
CONWAY, SC 29527

EDR Hist Auto **1021318944**
N/A

EDR Hist Auto

Actual:
64 ft.
Focus Map:
7

Year:	Name:	Type:
1998	LARRYS TRANSMISSION SERVICE	Automotive Transmission Repair Shops

---

10
Target
Property

JRS MINIMART
125 WILLARD RD
CONWAY, SC 29526

EDR Hist Auto **1021553912**
N/A

EDR Hist Auto

Actual:
58 ft.
Focus Map:
8

Year:	Name:	Type:
1992	JRS MINIMART	Convenience Stores
1993	JRS MINIMART	Convenience Stores
1994	JRS MINIMART	Convenience Stores
1995	JRS MINIMART	Convenience Stores
1996	JRS MINIMART	Convenience Stores
1997	JRS MINIMART INC	Convenience Stores

B11	**JRS MINIMART INC**	**EDR Hist Auto**	**1020400085**
Target	**4010 HWY 501**		**N/A**
Property	**CONWAY, SC 29526**		

Site 1 of 3 in cluster B

Actual:
58 ft.

Focus Map:
8

EDR Hist Auto

Year:	Name:	Type:
1998	JRS MINIMART INC	Convenience Stores
2006	J RS MINIMART INC	Convenience Stores
2007	J RS MINIMART INC	Convenience Stores
2008	J RS MINIMART INC	Convenience Stores
2008	LONGWOOD CITGO	Gasoline Service Stations, NEC
2009	J RS MINIMART INC	Convenience Stores
2010	J RS MINIMART INC	Convenience Stores
2011	J RS MINIMART INC	Convenience Stores
2012	J RS MINIMART INC	Convenience Stores
2013	J RS MINIMART INC	Convenience Stores
2014	J RS MINIMART INC	Convenience Stores

B12	**JAYATRI INC**	**LUST**	**U003629583**
Target	**4010 HWY 501 W**	**UST**	**N/A**
Property	**CONWAY, SC**	**GWCI**	

Site 2 of 3 in cluster B

Actual:
58 ft.

Focus Map:
8

LUST:

Name:	JAYATRI INC
Address:	4010 HWY 501 W
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	12753
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	KRISH PROPERTIES LLC
Tank Owner Last Name:	PATEL
Tank Owner First name:	JAYESH
NFA Date:	11/10/2014
Tank Owner City:	CONWAY
Confirmed Date:	03/23/1992
Release Date:	12/31/1991
EID:	1772074
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2AB
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	JAYATRI INC
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	03/23/1992
Prefix:	P
Total Score:	165

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.379
Ground Water Flow Direction:	E

JAYATRI INC (Continued) **U003629583**

Release Number:	1
Confirmed date:	03/23/1992
RP Name:	LAWRIMORE
RP Address:	125 WILLARD RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2AB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	JAYATRI INC
Address:	4010 HWY 501 W
City:	CONWAY
Facility ID:	12753
Permit:	P 12753
Owner:	KRISH PROPERTIES LLC
Owner Address:	125 WILLARD RD
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-365-4328

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15

Name:	JAYATRI INC
Address:	4010 HWY 501 W
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15

Name:	JAYATRI INC
Address:	4010 HWY 501 W
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	15

Name:	JAYATRI INC
Address:	4010 HWY 501 W
City:	CONWAY

Tank ID:	4
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline

JAYATRI INC (Continued) **U003629583**

Calcage:	5
Name:	JAYATRI INC
Address:	4010 HWY 501 W
City:	CONWAY
Tank ID:	5
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	JAYATRI INC
Address:	4010 HWY 501 W
City:	CONWAY
Tank ID:	6
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	12753
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No

JAYATRI INC (Continued) **U003629583**

Drinking Water Well Impact: No
Remarks: Site ID # 12753. RBCA Classification 2AB4. Active corrective action.

B13
Target
Property

JRS MINIMART INC
4010 HIGHWAY 501 W
CONWAY, SC 29526

EDR Hist Auto **1021317532**
N/A

Site 3 of 3 in cluster B

Actual:
58 ft.

Focus Map:
8

EDR Hist Auto

Year:	Name:	Type:
1999	JRS MINIMART INC	Convenience Stores
2000	JRS MINIMART INC	Convenience Stores
2002	JRS MINIMART INC	Convenience Stores
2003	JRS MINIMART INC	Convenience Stores
2004	JRS MINIMART INC	Convenience Stores
2005	JRS MINIMART INC	Convenience Stores

14
Target
Property

RONS BUSY CORNER
5709 JUNIPER BAY RD
CONWAY, SC

UST **U003524729**
N/A

Actual:
33 ft.

Focus Map:
7

UST:

Name: RONS BUSY CORNER
Address: 5709 JUNIPER BAY RD
City: CONWAY
Facility ID: 15223
Permit: N 15223
Owner: JOHNSON, RONNIE
Owner Address: 1581 BUSY CORNER RD
Owner City, st, zip: CONWAY SC 29527-3616
Owner Phone: 803-397-5959

Tank ID: 1
Status: **Abandoned**
Capacity: 2000
Product: Gasoline
Calcage: 10

Name: RONS BUSY CORNER
Address: 5709 JUNIPER BAY RD
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: 10

15 Target Property	**ESTATE OF MARY E HOLT 4055 HWY 501 W CONWAY, SC**	**LUST UST GWCI**	**U003836625 N/A**

Actual:
36 ft.

Focus Map:
8

LUST:

Name:	ESTATE OF MARY E HOLT
Address:	4055 HWY 501 W
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	18782
Release Status Number:	3
Substance:	PETROL
Tank Owner Company Name:	ESTATE OF MARY E HOLT
Tank Owner Last Name:	ESTATE OF MARY E HOLT
Tank Owner First name:	Not reported
NFA Date:	05/05/2010
Tank Owner City:	Not reported
Confirmed Date:	04/05/2002
Release Date:	03/14/2002
EID:	3488854
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	R25ARA
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	ESTATE OF MARY E HOLT
Local Fac First Name:	Not reported
User Name:	SMITHA2
Cleanup Initiated Date:	04/05/2002
Prefix:	U
Total Score:	0

LUST:

Release Date:	03/14/2002
Cleanup Complete Date:	05/05/2010
Depth to Ground Water:	2.399
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	04/05/2002
RP Name:	ESTATE OF MARY E HOLT
RP Address:	4055 HWY 501 W
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2BB
Project Manager:	SMITH, ALEXANDER F
Release Fin Type Code:	R25ARA

UST:

Name:	ESTATE OF MARY E HOLT
Address:	4055 HWY 501 W
City:	CONWAY
Facility ID:	18782
Permit:	U 18782
Owner:	ESTATE OF MARY E HOLT
Owner Address:	Not reported
Owner City, st, zip:	SC 29577
Owner Phone:	Not reported

ESTATE OF MARY E HOLT (Continued) **U003836625**

Tank ID:	1
Status:	**Abandoned**
Capacity:	550
Product:	Gasoline
Calcage:	0

Name:	ESTATE OF MARY E HOLT
Address:	4055 HWY 501 W
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	550
Product:	Gasoline
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	18782
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 18782. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

16 **T&J BUILDERS INC/TODD MINE** **ECHO** **1007846067**
Target **5451 JUNIPER BAY RD** **N/A**
Property **CONWAY, SC 29527**

Actual:
59 ft.

Focus Map:
7

ECHO:

Envid:	1007846067
Registry ID:	110020149383
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110020149383
Name:	T&J BUILDERS INC/TODD MINE
Address:	5451 JUNIPER BAY RD
City,State,Zip:	CONWAY, SC 29527

C17 **SCOTCHMAN** **EDR Hist Auto** **1021893719**
Target **3410 W HIGHWAY 501** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster C

Actual:
38 ft.

Focus Map:
8

EDR Hist Auto

Year:	Name:	Type:
2007	SCOTCHMAN	Convenience Stores
2008	SCOTCHMAN	Convenience Stores
2009	SCOTCHMAN	Convenience Stores
2010	SCOTCHMAN	Convenience Stores
2011	SCOTCHMAN	Convenience Stores
2012	SCOTCHMAN	Convenience Stores
2013	SCOTCHMAN	Convenience Stores
2014	SCOTCHMAN	Convenience Stores

C18 **SCOTCHMAN 3058** **LUST** **U003628688**
Target **3410 HWY 501 W** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 2 of 3 in cluster C

Actual:
37 ft.

Focus Map:
8

LUST:

Name:	SCOTCHMAN 3058
Address:	3410 HWY 501 W
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05138
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	1805 GRAND T LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/12/2014
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/27/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported

SCOTCHMAN 3058 (Continued) **U003628688**

Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	02/25/1994
Prefix:	Not reported
Total Score:	300100

LUST:

Release Date:	12/27/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.899
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	02/25/1994
RP Name:	SELLERS
RP Address:	203 OLD DUN LN
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 3058
Address:	3410 HWY 501 W
City:	CONWAY
Facility ID:	05138
Permit:	P 05138
Owner:	1805 GRAND T LLC
Owner Address:	124 14TH ST
Owner City, st, zip:	MANHATTAN BEACH CA 90266
Owner Phone:	310-545-7447

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

Name:	SCOTCHMAN 3058
Address:	3410 HWY 501 W
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	SCOTCHMAN 3058
Address:	3410 HWY 501 W
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	4000

SCOTCHMAN 3058 (Continued) **U003628688**

Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 3058
Address: 3410 HWY 501 W
City: CONWAY

Tank ID: 4
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: SCOTCHMAN 3058
Address: 3410 HWY 501 W
City: CONWAY

Tank ID: 5
Status: **Currently in Use**
Capacity: 10000
Product: Multiple petroleum
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05138
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: Yes
Monitoring: No
Remediation: No

SCOTCHMAN 3058 (Continued) **U003628688**

Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05138. RBCA Classification 3BA1. Conducting investigation/Risk Assessment.

C19
Target
Property

SCOTCHMAN
3410 HIGHWAY 501 W
CONWAY, SC 29526

EDR Hist Auto **1020768769**
N/A

Site 3 of 3 in cluster C

Actual:
37 ft.

EDR Hist Auto

Focus Map:
8

Year:	Name:	Type:
1995	FOUR MILE TRADING POST	Convenience Stores
1996	FOUR MILE TRADING POST	Convenience Stores
1997	FOUR MILE TRADING POST	Convenience Stores
1998	FOUR MILE TRADING POST	Convenience Stores
1999	FOUR MILE TRADING POST	Convenience Stores
2000	FOUR MILE TRADING POST	Convenience Stores
2001	SCOTCHMAN	Convenience Stores
2002	SCOTCHMAN	Convenience Stores
2003	SCOTCHMAN	Convenience Stores
2004	SCOTCHMAN	Convenience Stores
2005	SCOTCHMAN	Convenience Stores
2006	SCOTCHMAN	Convenience Stores

D20
Target
Property

FLEET PRFMCE TRANSMISSIONS
2897 HIGHWAY 501 W
CONWAY, SC 29526

EDR Hist Auto **1020347377**
N/A

Site 1 of 2 in cluster D

Actual:
23 ft.

EDR Hist Auto

Focus Map:
8

Year:	Name:	Type:
1996	FLEET PRFMCE TRANSMISSIONS	General Automotive Repair Shops
1996	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
1997	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
1997	FLEET PRFMCE TRANSMISSIONS	General Automotive Repair Shops
1998	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
1998	FLEET PRFMCE TRANSMISSIONS	General Automotive Repair Shops
1999	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
1999	FLEET PRFMCE TRANSMISSIONS	General Automotive Repair Shops
2000	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
2000	FLEET PRFMCE TRANSMISSIONS	General Automotive Repair Shops
2001	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops
2001	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
2002	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
2002	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops
2003	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops
2003	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
2004	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops
2004	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops
2005	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops
2005	BEE AUTOMATIC TRANSM SVC CTR	Automotive Transmission Repair Shops

FLEET PRFMCE TRANSMISSIONS (Continued) **1020347377**

2006	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops
2007	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops
2008	FLEET PRFMCE TRANSMISSIONS	Automotive Transmission Repair Shops

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D21 **GENES BODY SHOP** **RCRA-VSQG** **1001489891**
Target **2893 HWY 501 W** **ECHO** **SCD987598133**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster D

Actual:
23 ft.
Focus Map:
8

RCRA Listings:

Date Form Received by Agency:	1999-07-26 00:00:00.0
Handler Name:	GENES BODY SHOP
Handler Address:	2893 HWY 501 W
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD987598133
Contact Name:	RODERICK GARDNER
Contact Address:	PO BOX 1600
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-365-6330
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1600
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	GENE GARDNER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

GENES BODY SHOP (Continued) **1001489891**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE

GENES BODY SHOP (Continued) **1001489891**

USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: GENE GARDNER
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1600
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: 843-365-6330
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-07-26 00:00:00.0
Handler Name: GENES BODY SHOP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

GENES BODY SHOP (Continued) **1001489891**

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-07-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1001489891

GENES BODY SHOP (Continued) **1001489891**

Registry ID:	110002330503
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330503
Name:	GENES BODY SHOP
Address:	2893 HWY 501 W
City,State,Zip:	CONWAY, SC 29526

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22 **AVX CORPORATION** **ECHO** **1018287132**
Target **2875 HWY 501** **N/A**
Property **CONWAY, SC 29526**

Actual:
23 ft.
Focus Map:
8

ECHO:

Envid:	1018287132
Registry ID:	110000862488
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000862488
Name:	AVX CORPORATION
Address:	2875 HIGHWAY 501 WEST
City,State,Zip:	CONWAY, SC 29526

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23 **FUEL 2 GO** **UST** **U003970454**
Target **2901 CHURCH ST** **N/A**
Property **CONWAY, SC**

Actual:
23 ft.
Focus Map:
8

UST:

Name:	FUEL 2 GO
Address:	2901 CHURCH ST
City:	CONWAY
Facility ID:	19023
Permit:	P 19023
Owner:	KRISH PROPERTIES LLC
Owner Address:	125 WILLARD RD
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-365-4328
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	FUEL 2 GO
Address:	2901 CHURCH ST
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	FUEL 2 GO
Address:	2901 CHURCH ST
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	4000

FUEL 2 GO (Continued) **U003970454**

Product: Diesel fuel
Calcage: 0

E24 **HUGO CITGO INC** **EDR Hist Auto** **1021967090**
Target **2776 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster E

Actual:
23 ft.

EDR Hist Auto

Focus Map:
8

Year:	Name:	Type:
2004	HUGO CITGO INC	Gasoline Service Stations
2005	HUGO CITGO INC	Gasoline Service Stations
2006	HUGO CITGO INC	Gasoline Service Stations
2007	HUGO CITGO INC	Gasoline Service Stations
2008	HUGO CITGO INC	Gasoline Service Stations
2009	HUGO CITGO INC	Gasoline Service Stations
2010	HUGO CITGO INC	Gasoline Service Stations
2011	HUGO CITGO INC	Gasoline Service Stations
2012	HUGO CITGO INC	Gasoline Service Stations
2013	HUGO CITGO INC	Gasoline Service Stations
2014	HUGO CITGO INC	Gasoline Service Stations

E25 **MATTRESS FIRM- CHURCH STREET** **LUST** **U003836642**
Target **2776 CHURCH ST** **UST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster E

Actual:
23 ft.

Focus Map:
8

LUST:

Name:	MATTRESS FIRM- CHURCH STREET
Address:	2776 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	18801
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	CONWAY 104 VENTURE LLC
Tank Owner Last Name:	CONWAY 104 VENTURE LLC
Tank Owner First name:	Not reported
NFA Date:	06/24/2016
Tank Owner City:	COLUMBIA
Confirmed Date:	06/10/2015
Release Date:	06/01/2015
EID:	120724822
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BD
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	MATTRESS FIRM- CHURCH STREET
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	06/10/2015
Prefix:	P

MATTRESS FIRM- CHURCH STREET (Continued) **U003836642**

Total Score: 2

UST:

Name:	MATTRESS FIRM- CHURCH STREET
Address:	2776 CHURCH ST
City:	CONWAY
Facility ID:	18801
Permit:	P 18801
Owner:	CONWAY 104 VENTURE LLC
Owner Address:	1332 MAIN ST STE 30
Owner City, st, zip:	COLUMBIA SC 29201
Owner Phone:	803-254-0350

Tank ID:	1
Status:	**Abandoned**
Capacity:	32000
Product:	Multiple petroleum
Calcage:	0

Name:	MATTRESS FIRM- CHURCH STREET
Address:	2776 CHURCH ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	8000
Product:	Diesel fuel
Calcage:	0

26
Target
Property

PLANTATION CLEANERS
110 EL BETHEL RD
CONWAY, SC 29527

EDR Hist Cleaner **1018638624**
N/A

EDR Hist Cleaner

Actual:
22 ft.
Focus Map:
8

Year:	Name:	Type:
2005	PLANTATION CLEANERS	Laundry And Drycleaner Agents
2006	PLANTATION CLEANERS	Laundry And Drycleaner Agents
2007	PLANTATION CLEANERS	Laundry And Drycleaner Agents
2008	PLANTATION CLEANERS	Laundry And Drycleaner Agents

F27
Target
Property

ASPEN DENTAL
2756 CHURCH ST
CONWAY, SC 29526

RCRA-VSQG **1018281963**
ECHO **SCR000782417**

Site 1 of 3 in cluster F

Actual:
23 ft.
Focus Map:
8

RCRA Listings:

Date Form Received by Agency:	2016-04-14 00:00:00.0
Handler Name:	ASPEN DENTAL
Handler Address:	2756 CHURCH ST
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000782417
Contact Name:	STEPHANIE NAUGHTON
Contact Address:	SANDRS CREEK PKWY
Contact City,State,Zip:	EAST SYRACUSE, NY 13057

ASPEN DENTAL (Continued) **1018281963**

Contact Telephone:	315-454-6000
Contact Fax:	Not reported
Contact Email:	SNAUGHTON@ASPENDENTAL.COM
Contact Title:	RISK COMPLIANCE ASST
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	SANDRS CREEK PKWY
Mailing City,State,Zip:	EAST SYRACUSE, NY 13057
Owner Name:	JEBEDIAH S CHRISTY DSS-CONWAY PLLC
Owner Type:	Private
Operator Name:	ASPEN DENTAL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

ASPEN DENTAL (Continued) **1018281963**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-04-20 15:19:39.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D009
Waste Description:	MERCURY

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASPEN DENTAL
Legal Status:	Private
Date Became Current:	2016-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	281 SANDERS CREEK PKWY
Owner/Operator City,State,Zip:	EAST SYRACUSE, NY 13057
Owner/Operator Telephone:	315-454-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JEBEDIAH S CHRISTY DSS-CONWAY PLLC
Legal Status:	Private
Date Became Current:	2016-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	281 SANDERS CREEK PKWY
Owner/Operator City,State,Zip:	EAST SYRACUSE, NY 13057
Owner/Operator Telephone:	315-454-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-04-14 00:00:00.0
Handler Name:	ASPEN DENTAL
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

ASPEN DENTAL (Continued) **1018281963**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	621210
NAICS Description:	OFFICES OF DENTISTS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1018281963
Registry ID:	110067678070
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067678070
Name:	ASPEN DENTAL
Address:	2756 CHURCH ST
City,State,Zip:	CONWAY, SC 29526

F28
Target
Property

MURPHY EXPRESS 8573
2735 CHURCH ST
CONWAY, SC

LUST **U004149416**
UST **N/A**

Site 2 of 3 in cluster F

Actual:
23 ft.
Focus Map:
8

LUST:

Name:	MURPHY EXPRESS 8573
Address:	2735 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	19496
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	MURPHY OIL USA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/27/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/19/2017
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE

MURPHY EXPRESS 8573 (Continued) **U004149416**

Cleanup Initiated Date: 12/28/2017
Prefix: Not reported
Total Score: 0

UST:
Name: MURPHY EXPRESS 8573
Address: 2735 CHURCH ST
City: CONWAY
Facility ID: 19496
Permit: P 19496
Owner: MURPHY OIL USA INC
Owner Address: 200 E PEACH ST
Owner City, st, zip: EL DORADO AR 71730
Owner Phone: 870-875-7600

Tank ID: 1
Status: **Currently in Use**
Capacity: 20000
Product: Gasoline RUL
Calcage: 0

Name: MURPHY EXPRESS 8573
Address: 2735 CHURCH ST
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 20000
Product: Multiple petroleum
Calcage: 0

F29 **MURPHY OIL USA INC** **EDR Hist Auto** **1020433521**
Target **2735 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster F

Actual: EDR Hist Auto
23 ft.

Focus Map:
8

Year:	Name:	Type:
2011	MURPHY EXPRESS	Gasoline Service Stations
2012	MURPHY OIL USA INC	Gasoline Service Stations
2013	MURPHY OIL USA INC	Gasoline Service Stations
2014	MURPHY OIL USA INC	Gasoline Service Stations

G30 **WALMART SUPERCENTER 586** **RCRA-SQG** **1005418384**
Target **2709A CHURCH ST** **SCR000762708**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster G

Actual: RCRA Listings:
21 ft.

Focus Map:
8

Date Form Received by Agency: 2019-01-22 00:00:00.0
Handler Name: WALMART SUPERCENTER 586
Handler Address: 2709A CHURCH ST
Handler City,State,Zip: CONWAY, SC 29526

WALMART SUPERCENTER 586 (Continued) **1005418384**

EPA ID:	SCR000762708
Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	CASSIE.CLARK@WALMART.COM
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	WALMART STORES EAST LP
Owner Type:	Private
Operator Name:	WALMART STORES EAST LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

WALMART SUPERCENTER 586 (Continued) **1005418384**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-19 16:45:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER

WALMART SUPERCENTER 586 (Continued) **1005418384**

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

WALMART SUPERCENTER 586 (Continued) **1005418384**

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U210

WALMART SUPERCENTER 586 (Continued) **1005418384**

Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1300 SE 8TH ST
Owner/Operator City,State,Zip: BENTONVILLE, AR 72716-0605
Owner/Operator Telephone: 479-204-2231
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1300 SE 8TH ST
Owner/Operator City,State,Zip: BENTONVILLE, AR 72716-0605
Owner/Operator Telephone: 479-204-2231
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2001-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: P. O. BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-0402
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

WALMART SUPERCENTER 586 (Continued) **1005418384**

Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WALMART SUPERCENTER 586 (Continued) **1005418384**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605

WALMART SUPERCENTER 586 (Continued) **1005418384**

Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.

WALMART SUPERCENTER 586 (Continued) **1005418384**

Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	702 SW 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0555
Owner/Operator Telephone:	501-273-6756
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

WALMART SUPERCENTER 586 (Continued) **1005418384**

Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-30 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WALMART SUPERCENTER 586 (Continued) **1005418384**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-01 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-11-05 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-31 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WALMART SUPERCENTER 586 (Continued) **1005418384**

Receive Date:	2013-01-29 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-23 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-27 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-06-10 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-23 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No

WALMART SUPERCENTER 586 (Continued) **1005418384**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 586
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	45291
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

WALMART SUPERCENTER 586 (Continued) **1005418384**

Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

G31 **WALMART SUPERCENTER 586** **ECHO** **1016301595**
Target **2709A CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster G

Actual:
21 ft.

Focus Map:
8

ECHO:

Envid:	1016301595
Registry ID:	110012260784
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012260784
Name:	WALMART SUPERCENTER 586
Address:	2709A CHURCH ST

WALMART SUPERCENTER 586 (Continued) **1016301595**

City,State,Zip: CONWAY, SC 29526

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32 **CONWAY FEED & GARDEN CENTER INC** **ECHO** **1004593050**
Target **2210 N MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Actual:
16 ft.
Focus Map:
9

ECHO:

Envid:	1004593050
Registry ID:	110001671281
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001671281
Name:	CONWAY FEED & GARDEN CENTER INC
Address:	2210 N MAIN ST
City,State,Zip:	CONWAY, SC 29526

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33 **SC DEPARTMENT OF AGRICULTURE** **ECHO** **1016170167**
Target **2200 N MAIN ST** **SCR000777144**
Property **CONWAY, SC 29526**

Actual:
17 ft.
Focus Map:
9

ECHO:

Envid:	1016170167
Registry ID:	110055530625
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055530625
Name:	SC DEPARTMENT OF AGRICULTURE
Address:	2200 N MAIN ST
City,State,Zip:	CONWAY, SC 29526

H34 **CONWAY FORD INC** **RCRA-VSQG** **1000435676**
Target **2501 CHURCH ST** **ECHO** **SCD982086845**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster H

Actual:
22 ft.
Focus Map:
8

RCRA Listings:

Date Form Received by Agency:	2008-10-06 00:00:00.0
Handler Name:	CONWAY FORD INC
Handler Address:	2501 CHURCH ST
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD982086845
Contact Name:	JAMES MORGAN
Contact Address:	HWY 501 W
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-365-5596
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501 W

CONWAY FORD INC (Continued) **1000435676**

Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	SAMUEL H FRINK
Owner Type:	Private
Operator Name:	CONWAY FORD INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

CONWAY FORD INC (Continued) **1000435676**

Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMUEL H FRINK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2501 CHURCH ST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMUEL H FRINK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-10-06 00:00:00.
Owner/Operator Address:	2501 CHURCH ST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CONWAY FORD INC (Continued) **1000435676**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONWAY FORD INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2393 HWY 501 W
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-365-5596
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TJ JOHNSON
Legal Status:	Private
Date Became Current:	2008-10-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2393 HWY 501 W
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-365-5596
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1988-08-31 00:00:00.0
Handler Name:	CONWAY FORD INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	CONWAY FORD INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-10-06 00:00:00.0
Handler Name:	CONWAY FORD INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

CONWAY FORD INC (Continued) **1000435676**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

CONWAY FORD INC (Continued) **1000435676**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-08-01 00:00:00.0
Actual Return to Compliance Date:	1995-10-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-09-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1995-08-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCSMK
Enforcement Responsible Sub-Organization:	WM

CONWAY FORD INC (Continued) **1000435676**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported

CONWAY FORD INC (Continued) **1000435676**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-08-01 00:00:00.0
Actual Return to Compliance Date: 1995-10-09 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1995-09-15 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1995-08-30 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM

CONWAY FORD INC (Continued) **1000435676**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1991-02-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

CONWAY FORD INC (Continued) **1000435676**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-08-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-10-04 00:00:00.0
Scheduled Compliance Date:	1995-09-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-03-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-10-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

CONWAY FORD INC (Continued) **1000435676**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-08-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-10-09 00:00:00.0
Scheduled Compliance Date:	1995-09-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000435676
Registry ID:	110002248185
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248185
Name:	CONWAY FORD INCORPORATED
Address:	2501 CHURCH ST
City,State,Zip:	CONWAY, SC 29526

H35 **CONWAY FORD INC** **LUST** **U004291430**
Target **2501 CHURCH ST** **UST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster H

Actual:
22 ft.

Focus Map:
8

LUST:

Name:	CONWAY FORD INC
Address:	2501 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	04895
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HOLT, KENNETH
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/02/2001
Tank Owner City:	Not reported

CONWAY FORD INC (Continued) **U004291430**

Confirmed Date:	Not reported
Release Date:	01/29/1990
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DEVOREJA
Cleanup Initiated Date:	01/11/1995
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	01/29/1990
Cleanup Complete Date:	01/02/2001
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	01/11/1995
RP Name:	HOLT
RP Address:	501 COUNTRY CLUB DR
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2BB
Project Manager:	DEVORE, JAMES A
Release Fin Type Code:	WS

UST:

Name:	CONWAY FORD INC
Address:	2501 CHURCH ST
City:	CONWAY
Facility ID:	04895
Permit:	N 04895
Owner:	HOLT, KENNETH S
Owner Address:	501 COUNTRY CLUB DR
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	803-248-2363

Tank ID:	1
Status:	**Abandoned**
Capacity:	120
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

Name:	CONWAY FORD INC
Address:	2501 CHURCH ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	120
Product:	Waste oil, burnt oil, used oil

CONWAY FORD INC (Continued) **U004291430**

Calcage:	Not reported
Name:	CONWAY FORD INC
Address:	2501 CHURCH ST
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	Not reported
Product:	Multiple hydrocarbons
Calcage:	Not reported

I36
Target
Property

HARBOR FREIGHT TOOLS USA
2300 CHURCH ST UNIT160
CONWAY, SC 29526

RCRA-VSQG **1019326512**
SCR000782664

Site 1 of 2 in cluster I

Actual:
22 ft.
Focus Map:
8

RCRA Listings:

Date Form Received by Agency:	2016-06-23 00:00:00.0
Handler Name:	HARBOR FREIGHT TOOLS USA
Handler Address:	2300 CHURCH ST UNIT160
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000782664
Contact Name:	ROSANE QUEVEDO
Contact Address:	AGOURA RD
Contact City,State,Zip:	CALABASAS, CA 91302
Contact Telephone:	818-826-5501
Contact Fax:	Not reported
Contact Email:	RQUEVEDO@HARBORFREIGHT.COM
Contact Title:	ENV MGR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	AGOURA RD
Mailing City,State,Zip:	CALABASAS, CA 91302
Owner Name:	HARBOR FREIGHT TOOLS USA
Owner Type:	Private
Operator Name:	HARBOR FREIGHT TOOLS USA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

HARBOR FREIGHT TOOLS USA (Continued) **1019326512**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-07-01 14:20:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM

HARBOR FREIGHT TOOLS USA (Continued) **1019326512**

Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARBOR FREIGHT TOOLS USA
Legal Status:	Private
Date Became Current:	2016-06-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	26541 AGOURA RD
Owner/Operator City,State,Zip:	CALABASAS CA, CA 91302
Owner/Operator Telephone:	818-826-5501
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HARBOR FREIGHT TOOLS USA
Legal Status:	Private
Date Became Current:	2016-06-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	26541 AGOURA RD
Owner/Operator City,State,Zip:	CALABASAS CA, CA 91302
Owner/Operator Telephone:	818-826-5501
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-06-23 00:00:00.0
Handler Name:	HARBOR FREIGHT TOOLS USA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	444130
NAICS Description:	HARDWARE STORES

Facility Has Received Notices of Violation:

No Violations Found:

HARBOR FREIGHT TOOLS USA (Continued) **1019326512**

Evaluation Action Summary:

No Evaluations Found:

I37 HARBOR FREIGHT TOOLS USA **ECHO** **1018380412**
Target 2300 CHURCH ST UNIT160 **N/A**
Property CONWAY, SC 29526

Site 2 of 2 in cluster I

Actual:
22 ft.

Focus Map:
8

ECHO:

Envid:	1018380412
Registry ID:	110069393114
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069393114
Name:	HARBOR FREIGHT TOOLS USA
Address:	2300 CHURCH ST UNIT160
City,State,Zip:	CONWAY, SC 29526

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38 LILLIANS **LUST** **U003523200**
Target 2000 N MAIN ST **UST** **N/A**
Property CONWAY, SC **GWCI**

Actual:
19 ft.

Focus Map:
9

LUST:

Name:	LILLIANS
Address:	2000 N MAIN ST
City,State,Zip:	CONWAY, SC 29526-3335
Release Number:	1
Facility ID:	05145
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/21/1992
Prefix:	Not reported
Total Score:	300200

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.589
Ground Water Flow Direction:	E
Release Number:	1

LILLIANS (Continued) **U003523200**

Confirmed date: 03/21/1992
RP Name: WORSLEY COMPANIES INC
RP Address: 1410 COMMONWEALTH DR #202
RP City: WILMINGTON
RP State: NC
RP Zip: 28403
SCRBCA Class Code: CLASS3BA
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:
Name: LILLIANS
Address: 2000 N MAIN ST
City: CONWAY
Facility ID: 05145
Permit: N 05145
Owner: CENAMA INC
Owner Address: 123 SHIPYARD BLVD
Owner City, st, zip: WILMINGTON NC 28412
Owner Phone: 910-395-5300

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: LILLIANS
Address: 2000 N MAIN ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: LILLIANS
Address: 2000 N MAIN ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 5

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05145
WPC Permit: Not reported
Program: DUST

LILLIANS (Continued) **U003523200**

Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05145. RBCA Classification 3BA8. Awaiting Funding.

39
Target
Property

PEPSI COLA BOTTLING CO OF CONWAY
2380 HWY 501 N
CONWAY, SC

LUST **U004291439**
UST **N/A**

Actual:
21 ft.
Focus Map:
8

LUST:

Name:	PEPSI COLA BOTTLING CO OF CONWAY
Address:	2380 HWY 501 N
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05052
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PEPSI COLA BOTTLING CO OF11/17/98
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	10/27/2011
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM

PEPSI COLA BOTTLING CO OF CONWAY (Continued) **U004291439**

Cleanup Initiated Date:	11/19/1998
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	11/17/1998
Cleanup Complete Date:	10/27/2011
Depth to Ground Water:	6.330
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	11/19/1998
RP Name:	PEPSI COLA BOTTLING CO OF CONWAY
RP Address:	2380 HWY 501 N
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BE
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	PEPSI COLA BOTTLING CO OF CONWAY
Address:	2380 HWY 501 N
City:	CONWAY
Facility ID:	05052
Permit:	N 05052
Owner:	PEPSI COLA BOTTLING CO OF CONWAY
Owner Address:	2380 HWY 501 N
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-365-2121

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	25

Name:	PEPSI COLA BOTTLING CO OF CONWAY
Address:	2380 HWY 501 N
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

40 **CONWAY CHRYSLER PLYMOUTH DODGE** **RCRA-VSQG** **1000188633**
Target **2385 HWY 501W** **ECHO** **SCD981755192**
Property **CONWAY, SC 29526**

Actual:
20 ft.

Focus Map:
8

RCRA Listings:

Date Form Received by Agency:	2002-03-27 00:00:00.0
Handler Name:	CONWAY CHRYSLER PLYMOUTH DODGE
Handler Address:	2385 HWY 501W
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD981755192
Contact Name:	DENNIS TAYLOR
Contact Address:	2385 HWY 501W
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	803-365-7331
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501W
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	STEVE HUGHES
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

CONWAY CHRYSLER PLYMOUTH DODGE (Continued) **1000188633**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEVE HUGHES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	107 REGENCY DR

CONWAY CHRYSLER PLYMOUTH DODGE (Continued) **1000188633**

Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	803-347-4058
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-01-24 00:00:00.0
Handler Name:	CONWAY CHRYSLER PLYMOUTH DODGE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	CONWAY CHRYSLER PLYMOUTH DODGE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

CONWAY CHRYSLER PLYMOUTH DODGE (Continued) **1000188633**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CONWAY CHRYSLER PLYMOUTH DODGE (Continued) **1000188633**

Evaluation Action Summary:

Evaluation Date:	1996-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000188633
Registry ID:	110002330549
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330549
Name:	CONWAY CHRYSLER PLYMOUTH DODGE
Address:	2385 HWY 501W
City,State,Zip:	CONWAY, SC 29526

41
Target
Property

STILLEY PLYWOOD CLOSED
501 16TH AVENUE
CONWAY, SC 29526

ECHO **1016182098**
N/A

Actual:
15 ft.

Focus Map:
9

ECHO:

Envid:	1016182098
Registry ID:	110001666894
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001666894
Name:	STILLEY PLYWOOD CLOSED
Address:	501 16TH AVENUE
City,State,Zip:	CONWAY, SC 29526

J42 VIDEO WORLD **LUST** **U003526350**
Target 1900 MAIN ST **UST** **N/A**
Property CONWAY, SC **GWCI**

Site 1 of 3 in cluster J

Actual:
23 ft.
Focus Map:
9

LUST:

Name:	VIDEO WORLD
Address:	1900 MAIN ST
City,State,Zip:	CONWAY, SC 29526-3333
Release Number:	1
Facility ID:	09664
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	BENTON, JOHN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/27/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/27/1990
Prefix:	Not reported
Total Score:	300200

LUST:

Release Date:	03/27/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	1.5
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/27/1990
RP Name:	BENTON
RP Address:	801 HWY 17 S
RP City:	SURFSIDE BEACH
RP State:	SC
RP Zip:	29575-6052
SCRBCA Class Code:	CLASS3AC
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	VIDEO WORLD
Address:	1900 MAIN ST
City:	CONWAY
Facility ID:	09664
Permit:	N 09664
Owner:	BENTON, JOHN
Owner Address:	801 HWY 17 S

VIDEO WORLD (Continued) **U003526350**

Owner City, st, zip: SURFSIDE BEACH SC 29575-6052
Owner Phone: - -

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: Not reported

Name: VIDEO WORLD
Address: 1900 MAIN ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: Not reported

Name: VIDEO WORLD
Address: 1900 MAIN ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	09664
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False

VIDEO WORLD (Continued) **U003526350**

Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 09664. RBCA Classification 3AC2. Free Product recovery only.

43
Target Property

SPIRES CONVENIENCE STORE
16TH & MC DERMOT RD
CONWAY, SC

LUST **U003525526**
UST **N/A**

Actual: 16 ft.
Focus Map: 9

LUST:

Name:	SPIRES CONVENIENCE STORE
Address:	16TH & MC DERMOT RD
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	15446
Release Status Number:	7
Substance:	PETRO
Tank Owner Company Name:	SMITH, HOWARD
Tank Owner Last Name:	SMITH
Tank Owner First name:	HOWARD
NFA Date:	07/03/2003
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	10/11/1993
Release Date:	02/16/1993
EID:	1785358
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SPIRES CONVENIENCE STORE
Local Fac First Name:	Not reported
User Name:	THOMADL
Cleanup Initiated Date:	10/11/1993
Prefix:	U
Total Score:	1

LUST:

Release Date:	02/16/1993
Cleanup Complete Date:	07/03/2003
Depth to Ground Water:	2
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	10/11/1993
RP Name:	SMITH
RP Address:	1704 OAK ST
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS2BB
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	DS

SPIRES CONVENIENCE STORE (Continued) **U003525526**

UST:

Name:	SPIRES CONVENIENCE STORE
Address:	16TH & MC DERMOT RD
City:	CONWAY
Facility ID:	15446
Permit:	U 15446
Owner:	SMITH, HOWARD
Owner Address:	1704 OAK ST
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-448-8334
Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	20
Name:	SPIRES CONVENIENCE STORE
Address:	16TH & MC DERMOT RD
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	550
Product:	Gasoline
Calcage:	20

J44 **ELVIS GENERAL REPAIR** **GWCI** **U003521066**
Target **1801 N MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster J

Actual:
23 ft.

Focus Map:
9

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	04946
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False

ELVIS GENERAL REPAIR (Continued) **U003521066**

Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04946. RBCA Classification 3BF8. Awaiting Funding.

J45 **ELVIS GENERAL REPAIR** **LUST** **U004291433**
Target **1801 N MAIN ST** **UST** **N/A**
Property **CONWAY, SC**

Site 3 of 3 in cluster J

Actual:
23 ft.

Focus Map:
9

LUST:

Name:	ELVIS GENERAL REPAIR
Address:	1801 N MAIN ST
City,State,Zip:	CONWAY, SC 29526-4353
Release Number:	1
Facility ID:	04946
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	G J CREEL & SONS INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/08/2011
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/31/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	06/02/1993
Prefix:	Not reported
Total Score:	19

LUST:

Release Date:	03/31/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.259
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	06/02/1993
RP Name:	G J CREEL & SONS INC
RP Address:	708 12TH AVE
RP City:	CONWAY

ELVIS GENERAL REPAIR (Continued) **U004291433**

RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	ELVIS GENERAL REPAIR
Address:	1801 N MAIN ST
City:	CONWAY
Facility ID:	04946
Permit:	N 04946
Owner:	G J CREEL & SONS INC
Owner Address:	708 12TH AVE
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-9113

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	10

Name:	ELVIS GENERAL REPAIR
Address:	1801 N MAIN ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	15

Name:	ELVIS GENERAL REPAIR
Address:	1801 N MAIN ST
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	560
Product:	Gasoline
Calcage:	15

K46 **G & T DISCOUNT CENTER** **EDR Hist Auto** **1020510154**
Target **1801 PARK VIEW RD** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster K

Actual: EDR Hist Auto
23 ft.

Focus Map:
9

Year:	Name:	Type:
1975	G & T DISCOUNT	Grocery Stores
1976	G & T DISCOUNT	Grocery Stores
1977	G & T DISCOUNT	Grocery Stores
1978	G & T DISCOUNT	Grocery Stores

G & T DISCOUNT CENTER (Continued) **1020510154**

1979	G & T DISCOUNT	Grocery Stores
1980	G & T DISCOUNT	Grocery Stores
1982	G & T DISCOUNT	Grocery Stores
1983	G & T DISCOUNT	Grocery Stores
1985	G & T DISCOUNT	Grocery Stores
1986	G & T DISCOUNT	Grocery Stores
1987	G & T DISCOUNT	Grocery Stores
1988	G & T DISCOUNT	Grocery Stores
1989	G & T DISCOUNT	Convenience Stores
1990	G & T DISCOUNT	Convenience Stores
1991	G & T DISCOUNT	Convenience Stores
1992	G&T DISCOUNT CENTER	Gasoline Service Stations
1992	G & T DISCOUNT	Convenience Stores
1993	G & T DISCOUNT	Convenience Stores
2004	G & T DISCOUNT CENTER	Convenience Stores
2005	G & T DISCOUNT CENTER	Convenience Stores
2006	G & T DISCOUNT CENTER	Convenience Stores
2007	G & T DISCOUNT CENTER	Convenience Stores
2008	G & T DISCOUNT CENTER	Convenience Stores
2009	G & T DISCOUNT CENTER	Convenience Stores

K47	**G&T DISCOUNT CENTER**	**LUST**	**U003629624**
Target	**1801 PARKVIEW RD**	**UST**	**N/A**
Property	**CONWAY, SC**	**GWCI**	

Site 2 of 2 in cluster K

Actual:
23 ft.

Focus Map:
9

LUST:

Name:	G&T DISCOUNT CENTER
Address:	1801 PARKVIEW RD
City,State,Zip:	CONWAY, SC 29526-3566
Release Number:	1
Facility ID:	13054
Release Status Number:	7
Substance:	PETRO
Tank Owner Company Name:	TRYA PROPERTIES LLC
Tank Owner Last Name:	TODD
Tank Owner First name:	EVAN
NFA Date:	05/23/2005
Tank Owner City:	CONWAY
Confirmed Date:	03/23/1992
Release Date:	12/23/1991
EID:	1773655
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	G&T DISCOUNT CENTER
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	03/23/1992
Prefix:	R
Total Score:	34

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported

G&T DISCOUNT CENTER (Continued) **U003629624**

Depth to Ground Water:	3
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	TODD
RP Address:	1801 PARKVIEW RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-3566
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

UST:

Name:	G&T DISCOUNT CENTER
Address:	1801 PARKVIEW RD
City:	CONWAY
Facility ID:	13054
Permit:	R 13054
Owner:	TRYA PROPERTIES LLC
Owner Address:	1220 NW 193 AVE
Owner City, st, zip:	PEMBROKE PINES FL 33029
Owner Phone:	954-235-4394

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	10

Name:	G&T DISCOUNT CENTER
Address:	1801 PARKVIEW RD
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	G&T DISCOUNT CENTER
Address:	1801 PARKVIEW RD
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15

Name:	G&T DISCOUNT CENTER
Address:	1801 PARKVIEW RD
City:	CONWAY

Tank ID:	4
Status:	**Abandoned**

G&T DISCOUNT CENTER (Continued) **U003629624**

Capacity: 4000
Product: Gasoline
Calcage: 15

Name: G&T DISCOUNT CENTER
Address: 1801 PARKVIEW RD
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 15

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 13054
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: No
Monitoring: No
Remediation: Yes
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 13054. RBCA Classification 3BF7. Approved Monitored Natural Attenuation (MNA Awaiti.

48 **SMITH RAYMOND E** — **EDR Hist Auto** — **1020405301**
Target **1708 N MAIN ST** — **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
25 ft.
Focus Map:
9

Year:	Name:	Type:
1969	SMITH RAYMOND E	Gasoline Service Stations
1970	SMITH RAYMOND E	Gasoline Service Stations
1971	SMITH RAYMOND E	Gasoline Service Stations
1972	SMITH RAYMOND E	Gasoline Service Stations
1973	SMITH RAYMOND E	Gasoline Service Stations
1974	SMITH RAYMOND E	Gasoline Service Stations
1975	SMITH RAYMOND E	Gasoline Service Stations
1976	SMITH RAYMOND E	Gasoline Service Stations
1977	SMITH RAYMOND E	Gasoline Service Stations
1978	CHOCS SERVICE STATION	Gasoline Service Stations
1978	SMITH RAYMOND E	Gasoline Service Stations
1979	SMITH RAYMOND E	Gasoline Service Stations
1979	CHOCS SERVICE STATION	Gasoline Service Stations
1980	SMITH RAYMOND E	Gasoline Service Stations
1980	CHOCS SERVICE STATION	Gasoline Service Stations
1982	CHOCS SERVICE STATION	Gasoline Service Stations
1982	SMITH RAYMOND E	Gasoline Service Stations
1983	SMITH RAYMOND E	Gasoline Service Stations
1983	CHOCS SERVICE STATION	Gasoline Service Stations
1985	SMITH RAYMOND E	Gasoline Service Stations

L49 **FRANK & SONS MFG. INC.** — **ECHO** — **1000802005**
Target **2093 CHURCH STREET** — **SCD987580636**
Property **CONWAY, SC 29572**

Site 1 of 2 in cluster L

Actual:
20 ft.
Focus Map:
8

ECHO:

Envid:	1000802005
Registry ID:	110002231451
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002231451
Name:	SOUTHEAST FINISHING CO
Address:	2093 CHURCH ST
City,State,Zip:	CONWAY, SC 29526

L50 **FRANK & SON MFG - CLOSED** — **ECHO** — **1016118907**
Target **2093 CHURCH ST** — **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster L

Actual:
20 ft.
Focus Map:
8

ECHO:

Envid:	1016118907
Registry ID:	110001669908
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001669908
Name:	FRANK & SON MFG - CLOSED
Address:	2093 CHURCH ST
City,State,Zip:	CONWAY, SC 29526

51 Target Property	**B&M TIRE SERVICE 1704 MAIN ST CONWAY, SC**	**LUST UST GWCI**	**U003519156 N/A**

Actual:
25 ft.

Focus Map:
9

LUST:

Name:	B&M TIRE SERVICE
Address:	1704 MAIN ST
City,State,Zip:	CONWAY, SC 29526-3575
Release Number:	1
Facility ID:	16134
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	MISHOE, JAMES
Tank Owner Last Name:	MISHOE
Tank Owner First name:	JAMES
NFA Date:	Not reported
Tank Owner City:	CONWAY
Confirmed Date:	09/09/1993
Release Date:	06/01/1993
EID:	1790157
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	B&M TIRE SERVICE
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	09/09/1993
Prefix:	N
Total Score:	184

LUST:

Release Date:	06/01/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.379
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	09/09/1993
RP Name:	MISHOE
RP Address:	1704 MAIN ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-3575
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	B&M TIRE SERVICE
Address:	1704 MAIN ST
City:	CONWAY
Facility ID:	16134
Permit:	N 16134
Owner:	MISHOE, JAMES E
Owner Address:	1704 MAIN ST
Owner City, st, zip:	CONWAY SC 29526-3575
Owner Phone:	803-248-4112

B&M TIRE SERVICE (Continued) **U003519156**

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

Name:	B&M TIRE SERVICE
Address:	1704 MAIN ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

Name:	B&M TIRE SERVICE
Address:	1704 MAIN ST
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	16134
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False

B&M TIRE SERVICE (Continued) **U003519156**

Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 16134. RBCA Classification 3AA8. Awaiting Funding.

M52	**CONWAY DRIVE THRU**	**LUST**	**U003754939**
Target	**1723 CHURCH ST**	**UST**	**N/A**
Property	**CONWAY, SC**	**GWCI**	

Site 1 of 2 in cluster M

Actual:
19 ft.

Focus Map:
8

LUST:

Name:	CONWAY DRIVE THRU
Address:	1723 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	11005
Release Status Number:	4
Substance:	PETRO
Tank Owner Company Name:	ANDERSON OIL CO
Tank Owner Last Name:	ANDERSON OIL CO
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	FLORENCE
Confirmed Date:	09/12/1988
Release Date:	09/12/1988
EID:	1762463
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BA
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CONWAY DRIVE THRU
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	09/12/1988
Prefix:	P
Total Score:	1401

LUST:

Release Date:	09/12/1988
Cleanup Complete Date:	Not reported
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/12/1988
RP Name:	ANDERSON OIL CO
RP Address:	3366 W PALMETTO ST
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501
SCRBCA Class Code:	CLASS2BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

CONWAY DRIVE THRU (Continued) **U003754939**

Name:	CONWAY DRIVE THRU
Address:	1723 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	11005
Release Status Number:	4
Substance:	Not reported
Tank Owner Company Name:	ANDERSON OIL CO
Tank Owner Last Name:	ANDERSON OIL CO
Tank Owner First name:	Not reported
NFA Date:	03/29/2018
Tank Owner City:	FLORENCE
Confirmed Date:	09/12/1988
Release Date:	03/26/2018
EID:	1762463
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BA
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CONWAY DRIVE THRU
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	03/29/2018
Prefix:	P
Total Score:	Not reported

LUST:

Release Date:	09/12/1988
Cleanup Complete Date:	Not reported
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/12/1988
RP Name:	ANDERSON OIL CO
RP Address:	3366 W PALMETTO ST
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501
SCRBCA Class Code:	CLASS2BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CONWAY DRIVE THRU
Address:	1723 CHURCH ST
City:	CONWAY
Facility ID:	11005
Permit:	P 11005
Owner:	ANDERSON OIL CO
Owner Address:	3366 W PALMETTO ST
Owner City, st, zip:	FLORENCE SC 29501
Owner Phone:	843-495-0628

Tank ID:	1
Status:	**Abandoned**

CONWAY DRIVE THRU (Continued) **U003754939**

Capacity: 4000
Product: Diesel fuel
Calcage: 0

Name: CONWAY DRIVE THRU
Address: 1723 CHURCH ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: CONWAY DRIVE THRU
Address: 1723 CHURCH ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: CONWAY DRIVE THRU
Address: 1723 CHURCH ST
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: Not reported

Name: CONWAY DRIVE THRU
Address: 1723 CHURCH ST
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: Not reported

Name: CONWAY DRIVE THRU
Address: 1723 CHURCH ST
City: CONWAY

Tank ID: 6
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: Not reported

SC GWIC:
Bureau: BLWM
EAP ID: Not reported

CONWAY DRIVE THRU (Continued) **U003754939**

Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	11005
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 11005. RBCA Classification 2BA4. Active corrective action.

N53 **Target** **Property**	**SC651** **1600 MAIN ST** **CONWAY, SC**	**LUST** **UST** **GWCI**	**U004019018** **N/A**

Site 1 of 5 in cluster N

Actual:
22 ft.

Focus Map:
9

LUST:

Name:	SC651
Address:	1600 MAIN ST
City,State,Zip:	CONWAY, SC 29526-3572
Release Number:	1
Facility ID:	05180
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CROWN CENTRAL LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	08/31/1989
EID:	Not reported
Local Facility District:	Not reported

SC651 (Continued) **U004019018**

SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	10/25/1989
Prefix:	Not reported
Total Score:	25

LUST:

Release Date:	08/31/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	6.799
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	10/25/1989
RP Name:	CROWN CENTRAL LLC
RP Address:	1 N CHARLES ST STE 2000
RP City:	BALTIMORE
RP State:	MD
RP Zip:	21201-3759
SCRBCA Class Code:	CLASS2AB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SC651
Address:	1600 MAIN ST
City:	CONWAY
Facility ID:	05180
Permit:	N 05180
Owner:	CROWN CENTRAL LLC
Owner Address:	1 N CHARLES ST STE 107
Owner City, st, zip:	BALTIMORE MD 21201-3759
Owner Phone:	410-347-4753

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	15

Name:	SC651
Address:	1600 MAIN ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	15

SC GWIC:

Bureau:	BLWM

SC651 (Continued) **U004019018**

EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05180
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05180. RBCA Classification 3BF5. Inactive.

N54 **FAST FARE INC** **EDR Hist Auto** **1021485360**
Target **1600 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 5 in cluster N

Actual:
22 ft.

EDR Hist Auto

Focus Map:
9

Year:	Name:	Type:
1989	FAST FARE INC	Convenience Stores
1990	FAST FARE INC	Convenience Stores
1991	FAST FARE INC	Convenience Stores
1992	FAST FARE INC	Convenience Stores
1993	FAST FARE INC	Convenience Stores
1994	FAST FARE INC	Convenience Stores

N55 **QUIK MART 5** **LUST** **U003714934**
Target **1512 N MAIN ST** **UST** **N/A**
Property **CONWAY, SC**

Site 3 of 5 in cluster N

Actual:
21 ft.

Focus Map:
9

LUST:

Name:	QUIK MART 5
Address:	1512 N MAIN ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	10648
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	AARNA YUG LLC
Tank Owner Last Name:	AARNA YUG LLC
Tank Owner First name:	Not reported
NFA Date:	07/11/1994
Tank Owner City:	FLORENCE
Confirmed Date:	06/16/2000
Release Date:	03/31/1993
EID:	1760747
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	QUIK MART 5
Local Fac First Name:	Not reported
User Name:	WRIGHTJW
Cleanup Initiated Date:	07/11/1994
Prefix:	P
Total Score:	Not reported

Name:	QUIK MART 5
Address:	1512 N MAIN ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	10648
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	AARNA YUG LLC
Tank Owner Last Name:	AARNA YUG LLC
Tank Owner First name:	Not reported
NFA Date:	07/14/2000
Tank Owner City:	FLORENCE
Confirmed Date:	06/16/2000
Release Date:	06/16/2000
EID:	1760747
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	QUIK MART 5
Local Fac First Name:	Not reported
User Name:	FANTRM
Cleanup Initiated Date:	06/16/2000
Prefix:	P

QUIK MART 5 (Continued) **U003714934**

Total Score: Not reported

Name: QUIK MART 5
Address: 1512 N MAIN ST
City,State,Zip: CONWAY, SC 29526
Release Number: 3
Facility ID: 10648
Release Status Number: Not reported
Substance: Not reported
Tank Owner Company Name: AARNA YUG LLC
Tank Owner Last Name: AARNA YUG LLC
Tank Owner First name: Not reported
NFA Date: 12/13/2019
Tank Owner City: FLORENCE
Confirmed Date: 06/16/2000
Release Date: 12/05/2019
EID: 1760747
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: UNK
Qualified: Not reported
Release Source: UST
Local Fac Last Name: QUIK MART 5
Local Fac First Name: Not reported
User Name: PLACEDM
Cleanup Initiated Date: 12/13/2019
Prefix: P
Total Score: Not reported

UST:
Name: QUIK MART 5
Address: 1512 N MAIN ST
City: CONWAY
Facility ID: 10648
Permit: P 10648
Owner: AARNA YUG LLC
Owner Address: 1008 OAK BEND LN
Owner City, st, zip: FLORENCE SC 29501
Owner Phone: 843-453-7651

Tank ID: 1
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: QUIK MART 5
Address: 1512 N MAIN ST
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: QUIK MART 5

QUIK MART 5 (Continued) **U003714934**

Address:	1512 N MAIN ST
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline Super/Prem
Calcage:	0

M56 **HUCKS AUTO SALES & BODY SHOP** **ECHO** **1001483199**
Target **1727 CHURCH ST** **SCD987598273**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster M

Actual:
18 ft.

Focus Map:
8

ECHO:

Envid:	1001483199
Registry ID:	110002248005
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248005
Name:	HUSKS AUTO SALES & BODY SHOP
Address:	1727 CHURCH ST
City,State,Zip:	CONWAY, SC 29526

---

57 **SERVICE AMERICA** **LUST** **U003525109**
Target **1507 COLLINS DR** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Actual:
20 ft.

Focus Map:
9

LUST:

Name:	SERVICE AMERICA
Address:	1507 COLLINS DR
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	17274
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	CRENSHAW, MARY
Tank Owner Last Name:	CRENSHAW
Tank Owner First name:	MARY
NFA Date:	05/13/2005
Tank Owner City:	CONWAY
Confirmed Date:	03/22/1996
Release Date:	03/07/1996
EID:	1794170
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SERVICE AMERICA
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	03/22/1996
Prefix:	N
Total Score:	7

LUST:

Release Date:	03/07/1996

SERVICE AMERICA (Continued) **U003525109**

Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	03/22/1996
RP Name:	CRENSHAW
RP Address:	206 DOGWOOD DR
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

UST:

Name:	SERVICE AMERICA
Address:	1507 COLLINS DR
City:	CONWAY
Facility ID:	17274
Permit:	N 17274
Owner:	CRENSHAW, MARY
Owner Address:	206 DOGWOOD DR
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	803-365-5205

Tank ID:	1
Status:	**Abandoned**
Capacity:	1500
Product:	Gasoline
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	17274
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False

SERVICE AMERICA (Continued) **U003525109**

Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 17274. RBCA Classification 3BF3. Monitored Natural Attenuation.

N58 **SALLEY CLEANERS** **SHWS** **U003524804**
Target **1510 N MAIN ST** **UST** **N/A**
Property **CONWAY, SC** **DRYCLEANERS**

Site 4 of 5 in cluster N

Actual:
21 ft.
Focus Map:
9

SHWS:

Name:	SALLEY CLEANERS INC
Address:	1510 N MAIN ST
City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCDRY0056046

UST:

Name:	SALLEY CLEANERS
Address:	1510 N MAIN ST
City:	CONWAY
Facility ID:	17539
Permit:	N 17539
Owner:	SALLEY CLEANERS
Owner Address:	1510 N MAIN ST
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	803-248-9025

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Naptha, mineral spirits, stoddard solvent
Calcage:	15

Drycleaners:

BLWM Number:	56046
Rank:	III
Priority Group Explanation:	III

N59 **SALLEY CLEANERS INC** **EDR Hist Cleaner** **1018955938**
Target **1510 N MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 5 of 5 in cluster N

Actual: EDR Hist Cleaner
21 ft.

Focus Map:
9

Year:	Name:	Type:
1974	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1975	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1976	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1977	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1978	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1979	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1980	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1982	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1983	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1985	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1986	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1987	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1988	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1989	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1990	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1991	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1992	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1993	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1994	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1995	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1996	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1997	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1998	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
1999	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2000	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2001	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2002	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2003	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2004	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2005	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2006	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2007	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2008	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2009	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2010	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2011	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2012	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2013	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs
2014	SALLEY CLEANERS INC	Drycleaning Plants, Except Rugs

60 **BASS CLEANERS INC** **EDR Hist Cleaner** **1019935625**
Target **1508 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Cleaner

Actual:
22 ft.

Focus Map:
9

Year:	Name:	Type:
1970	BASS CLEANERS	Drycleaning Plants, Except Rugs
1971	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1972	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1973	BASS CLEANERS INC	Drycleaning Plants, Except Rugs

BASS CLEANERS INC (Continued) **1019935625**

1973	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1974	BASS CLEANERS INC	Drycleaning Plants, Except Rugs

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61 **XPRESS LUBE OF N MYRTLE BCH** **EDR Hist Auto** **1021084136**
Target **1711 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
18 ft.

Focus Map:
8

Year:	Name:	Type:
2014	SHELL RAPID LUBE	Gasoline Service Stations, NEC

---

62 **CIRCLE K 2721653** **UST** **U004120533**
Target **1700 CHURCH ST** **N/A**
Property **CONWAY, SC**

Actual:
17 ft.

Focus Map:
8

UST:

Name: CIRCLE K 2721653
Address: 1700 CHURCH ST
City: CONWAY
Facility ID: 19397
Permit: P 19397
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Currently in Use**
Capacity: 30000
Product: Multiple petroleum
Calcage: 0

Name: CIRCLE K 2721653
Address: 1700 CHURCH ST
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 25000
Product: Multiple petroleum
Calcage: 0

Name: CIRCLE K 2721653
Address: 1700 CHURCH ST
City: CONWAY

Tank ID: 3
Status: **Currently in Use**
Capacity: 550
Product: Kerosene

CIRCLE K 2721653 (Continued) **U004120533**

Calcage: 0

O63 **SPINX COMPANY INC** **EDR Hist Auto** **1020202066**
Target **1646 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster O

Actual: EDR Hist Auto
17 ft.

Focus Map:
8

Year:	Name:	Type:
1997	SPINX COMPANY INC	Gasoline Service Stations
1998	SPINX COMPANY INC	Gasoline Service Stations

O64 **SCOTCHMAN 160** **LUST** **U003714936**
Target **1646 CHURCH ST (HWY 501)** **UST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster O

Actual:
17 ft.

Focus Map:
8

LUST:

Name:	SCOTCHMAN 160
Address:	1646 CHURCH ST (HWY 501)
City,State,Zip:	CONWAY, SC 29604
Release Number:	1
Facility ID:	16616
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	CENAMA INC
Tank Owner First name:	Not reported
NFA Date:	12/30/2004
Tank Owner City:	WILMINGTON
Confirmed Date:	12/30/2004
Release Date:	09/14/2004
EID:	8904410
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 160
Local Fac First Name:	Not reported
User Name:	HIGHTOCW
Cleanup Initiated Date:	12/30/2004
Prefix:	P
Total Score:	Not reported

UST:

Name:	SCOTCHMAN 160
Address:	1646 CHURCH ST (HWY 501)
City:	CONWAY
Facility ID:	16616
Permit:	P 16616
Owner:	CENAMA INC
Owner Address:	123 SHIPYARD BLVD

SCOTCHMAN 160 (Continued) **U003714936**

Owner City, st, zip: WILMINGTON NC 28412
Owner Phone: 910-395-5300

Tank ID: 1
Status: **Abandoned**
Capacity: 20000
Product: Multiple petroleum
Calcage: 0

P65 **ANDERSON & TODD GARAGE** **EDR Hist Auto** **1021089950**
Target **1500 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster P

Actual: EDR Hist Auto
22 ft.

Focus Map:
9

Year:	Name:	Type:
1974	ANDERSON & TODD GARAGE	General Automotive Repair Shops
1975	ANDERSON & TODD GARAGE	General Automotive Repair Shops
1976	ANDERSON & TODD GARAGE	General Automotive Repair Shops
1977	ANDERSON & TODD GARAGE	General Automotive Repair Shops
1978	ANDERSON & TODD GARAGE	General Automotive Repair Shops
1979	ANDERSON & TODD GARAGE	General Automotive Repair Shops
1979	ANDERSON & TODD GARAGE	General Automotive Repair Shops

P66 **MAIN STREET FARM** **LUST** **U003523348**
Target **1500 MAIN ST** **UST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster P

Actual: LUST:
22 ft.

Focus Map:
9

Name: MAIN STREET FARM
Address: 1500 MAIN ST
City,State,Zip: CONWAY, SC 29526-3569
Release Number: 1
Facility ID: 14933
Release Status Number: 5
Substance: PETRO
Tank Owner Company Name: GARDEN CITY FURNITURE CO
Tank Owner Last Name: GARDEN CITY FURNITURE CO INC
Tank Owner First name: Not reported
NFA Date: 11/16/1998
Tank Owner City: CONWAY
Confirmed Date: 03/23/1992
Release Date: 12/30/1991
EID: 1782816
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: 4BC
Release Fin Type Code: WS
Qualified: Y
Release Source: UST
Local Fac Last Name: MAIN STREET FARM
Local Fac First Name: Not reported
User Name: LONGKH

MAIN STREET FARM (Continued) **U003523348**

Cleanup Initiated Date:	03/23/1992
Prefix:	U
Total Score:	9

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	11/16/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	GARDEN CITY FURNITURE CO INC
RP Address:	PO BOX 416
RP City:	CONWAY
RP State:	SC
RP Zip:	29528
SCRBCA Class Code:	CLASS4BC
Project Manager:	LONG, KRISTEN H
Release Fin Type Code:	WS

Name:	MAIN STREET FARM
Address:	1500 MAIN ST
City,State,Zip:	CONWAY, SC 29526-3569
Release Number:	2
Facility ID:	14933
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	GARDEN CITY FURNITURE CO
Tank Owner Last Name:	GARDEN CITY FURNITURE CO INC
Tank Owner First name:	Not reported
NFA Date:	11/16/1998
Tank Owner City:	CONWAY
Confirmed Date:	03/23/1992
Release Date:	04/22/1997
EID:	1782816
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	4BC
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	MAIN STREET FARM
Local Fac First Name:	Not reported
User Name:	LONGKH
Cleanup Initiated Date:	10/29/1997
Prefix:	U
Total Score:	Not reported

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	11/16/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	GARDEN CITY FURNITURE CO INC
RP Address:	PO BOX 416
RP City:	CONWAY

MAIN STREET FARM (Continued) **U003523348**

RP State:	SC
RP Zip:	29528
SCRBCA Class Code:	CLASS4BC
Project Manager:	LONG, KRISTEN H
Release Fin Type Code:	WS

UST:

Name:	MAIN STREET FARM
Address:	1500 MAIN ST
City:	CONWAY
Facility ID:	14933
Permit:	U 14933
Owner:	GARDEN CITY FURNITURE CO INC
Owner Address:	PO BOX 416
Owner City, st, zip:	CONWAY SC 29528
Owner Phone:	Not reported
Tank ID:	1
Status:	**Abandoned**
Capacity:	Not reported
Product:	Multiple hydrocarbons
Calcage:	15
Name:	MAIN STREET FARM
Address:	1500 MAIN ST
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported
Name:	MAIN STREET FARM
Address:	1500 MAIN ST
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported

---

67 **DRYCLEAN EXPRESS** **EDR Hist Cleaner** **1019976968**
Target **1308 COLLINS T** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Cleaner

Actual:
21 ft.

Focus Map:
9

Year:	Name:	Type:
2002	DRYCLEAN EXPRESS	Drycleaning Plants, Except Rugs, NEC
2003	DRYCLEAN EXPRESS	Drycleaning Plants, Except Rugs, NEC
2004	DRYCLEAN EXPRESS	Drycleaning Plants, Except Rugs, NEC
2005	DRYCLEAN EXPRESS	Drycleaning Plants, Except Rugs, NEC

68	**DORMAN PROPERTIES**	**LUST**	**U004255367**
Target	**1205 LAKESIDE DR**	**UST**	**N/A**
Property	**CONWAY, SC**		

Actual: **20 ft.**
Focus Map: **9**

LUST:

Name:	DORMAN PROPERTIES
Address:	1205 LAKESIDE DR
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	19847
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	DORMAN PROPERTIES LP
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/13/2017
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	03/13/2017
Prefix:	Not reported
Total Score:	114

UST:

Name:	DORMAN PROPERTIES
Address:	1205 LAKESIDE DR
City:	CONWAY
Facility ID:	19847
Permit:	N 19847
Owner:	DORMAN PROPERTIES LP
Owner Address:	1215 KIHEI RD
Owner City, st, zip:	KIHEI HI 96753
Owner Phone:	808-214-0448

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	0

69	**KMART 7555**	**ECHO**	**1012109626**
Target	**1610 U CHURCH ST**		**N/A**
Property	**CONWAY, SC 29526**		

Actual: **22 ft.**
Focus Map: **9**

ECHO:

Envid:	1012109626
Registry ID:	110038911229
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038911229
Name:	KMART 7555
Address:	1610 U CHURCH ST

KMART 7555 (Continued) **1012109626**

City,State,Zip: CONWAY, SC 29526

Q70 **CAROLINA TIRE CO** **RCRA-VSQG** **1004779780**
Target **1300 16TH AVE** **SC0000480657**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster Q

Actual:
25 ft.

Focus Map:
9

RCRA Listings:

Date Form Received by Agency:	1994-07-22 00:00:00.0
Handler Name:	CAROLINA TIRE CO
Handler Address:	1300 16TH AVE
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SC0000480657
Contact Name:	RD AIGNER
Contact Address:	1300 16TH AVE
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	704-521-2174
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	16TH AVE
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	LEASED FROM GOODYEAR
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

CAROLINA TIRE CO (Continued) **1004779780**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LEASED FROM GOODYEAR
Legal Status:	Private
Date Became Current:	Not reported

CAROLINA TIRE CO (Continued) **1004779780**

Date Ended Current:	Not reported
Owner/Operator Address:	1300 16TH AVE
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-07-22 00:00:00.0
Handler Name:	CAROLINA TIRE CO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

Q71 **CAROLINA TIRE COMPANY** **ECHO** **1007247736**
Target **1300 16TH AVENUE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster Q

Actual:
25 ft.
Focus Map:
9

ECHO:

Envid:	1007247736
Registry ID:	110017196531
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017196531
Name:	CAROLINA TIRE COMPANY
Address:	1300 16TH AVENUE
City,State,Zip:	CONWAY, SC 29526

R72 **TIGER MART 3** **LUST** **U003628617**
Target **1626 CHURCH ST** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 1 of 2 in cluster R

Actual:
18 ft.

Focus Map:
9

LUST:

Name:	TIGER MART 3
Address:	1626 CHURCH ST
City,State,Zip:	CONWAY, SC 29526-2958
Release Number:	1
Facility ID:	05110
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SMITH ROGERS OIL COMPAN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/01/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	07/07/1994
Prefix:	Not reported
Total Score:	4

LUST:

Release Date:	06/01/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	07/07/1994
RP Name:	SMITH ROGERS OIL COMPANY
RP Address:	3725 E HWY 76
RP City:	MULLINS
RP State:	SC
RP Zip:	29574-0308
SCRBCA Class Code:	CLASS3BA
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	TIGER MART 3
Address:	1626 CHURCH ST
City:	CONWAY
Facility ID:	05110
Permit:	R 05110
Owner:	SMITH ROGERS OIL COMPANY
Owner Address:	3725 E HWY 76

TIGER MART 3 (Continued) **U003628617**

Owner City, st, zip: MULLINS SC 29574-0308
Owner Phone: 843-464-9577

Tank ID: 1
Status: **Abandoned**
Capacity: 8000
Product: Gasoline RUL
Calcage: 10

Name: TIGER MART 3
Address: 1626 CHURCH ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 8000
Product: Gasoline RUL
Calcage: 10

Name: TIGER MART 3
Address: 1626 CHURCH ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 8000
Product: Gasoline Super/Prem
Calcage: 10

Name: TIGER MART 3
Address: 1626 CHURCH ST
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 8000
Product: Gasoline Super/Prem
Calcage: 10

Name: TIGER MART 3
Address: 1626 CHURCH ST
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 10000
Product: Diesel fuel
Calcage: 5

Name: TIGER MART 3
Address: 1626 CHURCH ST
City: CONWAY

Tank ID: 6
Status: **Abandoned**
Capacity: 3000
Product: Kerosene

TIGER MART 3 (Continued) **U003628617**

Calcage: 5

Name: TIGER MART 3
Address: 1626 CHURCH ST
City: CONWAY

Tank ID: 7
Status: **Abandoned**
Capacity: 3000
Product: Kerosene
Calcage: 5

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05110
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: Yes
Monitoring: No
Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05110. RBCA Classification 3BA1. Conducting investigation/Risk Assessment.

R73 **SMITH ROGERS OIL CO** **EDR Hist Auto** **1020826342**
Target **1626 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster R

Actual:
18 ft.

EDR Hist Auto

Focus Map:
9

Year:	Name:	Type:
1986	TIGER MART #3	Gasoline Service Stations
1987	SMITH ROGERS OIL CO	Gasoline Service Stations

---

74 **FOWLER MOTORS INC** **LUST** **U004291438**
Target **1509 ELM ST** **UST** **N/A**
Property **CONWAY, SC**

Actual:
27 ft.

Focus Map:
9

LUST:

Name:	FOWLER MOTORS INC
Address:	1509 ELM ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05045
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	FOWLER MOTORS INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DOLLCS
Cleanup Initiated Date:	03/23/1992
Prefix:	Not reported
Total Score:	345

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	FOWLER MOTORS INC
RP Address:	1509 ELM ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BD
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

FOWLER MOTORS INC (Continued) **U004291438**

UST:

Name: FOWLER MOTORS INC
Address: 1509 ELM ST
City: CONWAY
Facility ID: 05045
Permit: N 05045
Owner: FOWLER MOTORS INC
Owner Address: 1509 ELM ST
Owner City, st, zip: CONWAY SC 29526
Owner Phone: 843-685-7452

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 15

Name: FOWLER MOTORS INC
Address: 1509 ELM ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 550
Product: Motor oil, lube oil, hydraulic oil (new)
Calcage: 15

Name: FOWLER MOTORS INC
Address: 1509 ELM ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 550
Product: Motor oil, lube oil, hydraulic oil (new)
Calcage: 15

Name: FOWLER MOTORS INC
Address: 1509 ELM ST
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 550
Product: Multiple hydrocarbons
Calcage: 15

Name: FOWLER MOTORS INC
Address: 1509 ELM ST
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 550
Product: Waste oil, burnt oil, used oil
Calcage: 15

75 Target Property | **G J CREEL & SONS, INC.**
708 12TH AVENUE
CONWAY, SC 29526 | **ECHO** | **1006877047 N/A**

Actual: 22 ft.
Focus Map: 9

ECHO:

Envid:	1006877047
Registry ID:	110014420466
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110014420466
Name:	G J CREEL & SONS, INC.
Address:	708 12TH AVENUE
City,State,Zip:	CONWAY, SC 29526

---

76 Target Property | **MARBLECRAFT**
1621 CHURCH ST
CONWAY, SC 29526 | **ECHO** | **1000695853 SCD987591153**

Actual: 20 ft.
Focus Map: 9

ECHO:

Envid:	1000695853
Registry ID:	110002247961
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247961
Name:	MARBLECRAFT
Address:	1621 CHURCH ST
City,State,Zip:	CONWAY, SC 29526

---

77 Target Property | **SHERWIN WILLIAMS CO**
1229 16TH AVE
CONWAY, SC 29526 | **ECHO** | **1000370860 SCD000827170**

Actual: 27 ft.
Focus Map: 9

ECHO:

Envid:	1000370860
Registry ID:	110002247890
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247890
Name:	SHERWIN WILLIAMS COMPANY
Address:	1229 16TH AVE
City,State,Zip:	CONWAY, SC 29526

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78 Target Property | **RITE AID #11625**
1610-Z CHURCH STREET
CONWAY, SC 29526 | **ECHO** | **1016037161 N/A**

Actual: 22 ft.
Focus Map: 9

ECHO:

Envid:	1016037161
Registry ID:	110046540123
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046540123
Name:	RITE AID #11625
Address:	1610-Z CHURCH STREET
City,State,Zip:	CONWAY, SC 29526

S79 Target Property	**CIRCLE K 2723228 1600 CHURCH ST CONWAY, SC**	**LUST UST GWCI**	**U003666033 N/A**

Site 1 of 2 in cluster S

Actual:
25 ft.
Focus Map:
9

LUST:

Name:	CIRCLE K 2723228
Address:	1600 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05231
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/28/2018
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/13/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	05/03/1989
Prefix:	Not reported
Total Score:	192

LUST:

Release Date:	03/13/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.969
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	05/03/1989
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	CIRCLE K 2723228
Address:	1600 CHURCH ST
City:	CONWAY
Facility ID:	05231
Permit:	P 05231
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT

CIRCLE K 2723228 (Continued) **U003666033**

Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: 10

Name: CIRCLE K 2723228
Address: 1600 CHURCH ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: 10

Name: CIRCLE K 2723228
Address: 1600 CHURCH ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 10

Name: CIRCLE K 2723228
Address: 1600 CHURCH ST
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 5

Name: CIRCLE K 2723228
Address: 1600 CHURCH ST
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 12000
Product: Gasoline RUL
Calcage: 0

Name: CIRCLE K 2723228
Address: 1600 CHURCH ST
City: CONWAY

Tank ID: 6
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Super/Prem

CIRCLE K 2723228 (Continued) **U003666033**

Calcage: 0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05231
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05231. RBCA Classification 3BF5. Inactive.

S80 **PANTRY INC** **EDR Hist Auto** **1022005698**
Target **1600 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster S

Actual: EDR Hist Auto
25 ft.

Focus Map:
9

Year:	Name:	Type:
1997	DIL MAR OIL INC	Gasoline Service Stations
1998	DIL MAR OIL INC	Gasoline Service Stations
1999	DIL MAR OIL INC	Gasoline Service Stations
2000	PANTRY INC	Gasoline Service Stations
2001	PANTRY INC	Gasoline Service Stations
2002	PANTRY INC	Gasoline Service Stations
2003	PANTRY INC	Gasoline Service Stations

81 Target Property	**PANTRY MAIN ST & 12TH AVE CONWAY, SC**	**UST**	**U004253504 N/A**

Actual: **30 ft.**
Focus Map: **9**

UST:

Name:	PANTRY
Address:	MAIN ST & 12TH AVE
City:	CONWAY
Facility ID:	10875
Permit:	P 10875
Owner:	G J CREEL & SONS INC
Owner Address:	708 12TH AVE
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-9113
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

T82 Target Property	**MAIN ST SHELL 1100 E MAIN ST CONWAY, SC 29526**	**GWCI**	**U003628582 N/A**

Site 1 of 5 in cluster T

Actual: **32 ft.**
Focus Map: **14**

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05027
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No

MAIN ST SHELL (Continued) **U003628582**

Remediation: Yes
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05027. RBCA Classification 1B4. Active corrective action.

T83 **MAIN STREET SHELL STATION** **EDR Hist Auto** **1020287115**
Target **1100 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 5 in cluster T

Actual: EDR Hist Auto
32 ft.

Focus Map:
14

Year:	Name:	Type:
1969	MAIN STREET SHELL STATION	Gasoline Service Stations
1970	MAIN STREET SHELL STATION	Gasoline Service Stations
1971	MAIN STREET SHELL STATION	Gasoline Service Stations
1972	MAIN STREET SHELL STATION	Gasoline Service Stations
1973	MAIN STREET SHELL STATION	Gasoline Service Stations
1974	MAIN STREET SHELL STATION	Gasoline Service Stations
1975	MAIN STREET SHELL STATION	Gasoline Service Stations
1976	MAIN STREET SHELL STATION	Gasoline Service Stations
1979	MAIN ST SHELL	Gasoline Service Stations
1980	MAIN ST SHELL	Gasoline Service Stations
1982	MAIN ST SHELL	Gasoline Service Stations
1983	MAIN ST SHELL	Gasoline Service Stations
1985	MAIN ST SHELL	Gasoline Service Stations
1986	MAIN ST SHELL	Gasoline Service Stations
1987	MAIN ST SHELL	Gasoline Service Stations
1988	MAIN ST SHELL	Gasoline Service Stations
1989	MAIN STREET SHELL	Gasoline Service Stations, NEC
1990	MAIN STREET SHELL	Gasoline Service Stations, NEC
1991	MAIN STREET SHELL	Gasoline Service Stations, NEC
1992	MAIN STREET SHELL	Gasoline Service Stations, NEC
1993	MAIN STREET SHELL	Gasoline Service Stations, NEC
1994	MAIN STREET SHELL	Gasoline Service Stations, NEC
1995	MAIN STREET SHELL	Gasoline Service Stations, NEC
1996	MAIN STREET SHELL	Gasoline Service Stations, NEC
1997	MAIN STREET SHELL	Gasoline Service Stations, NEC
1998	MAIN STREET SHELL	Gasoline Service Stations, NEC
1999	MAIN STREET SHELL	Gasoline Service Stations, NEC
2000	MAIN STREET SHELL	Gasoline Service Stations, NEC
2001	MAIN STREET SHELL	Gasoline Service Stations, NEC
2002	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2003	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2004	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2005	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2006	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2007	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2008	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2009	MAIN STREET SHELL INC	Gasoline Service Stations, NEC
2010	MAIN STREET SHELL INC	General Automotive Repair Shops
2011	MAIN STREET SHELL INC	General Automotive Repair Shops
2012	MAIN STREET SHELL INC	General Automotive Repair Shops
2013	MAIN STREET SHELL INC	General Automotive Repair Shops
2014	MAIN STREET SHELL INC	Gasoline Service Stations, NEC

T84 **MAIN ST SHELL** **LUST** **U004291437**
Target **1100 MAIN ST** **UST** **N/A**
Property **CONWAY, SC**

Site 3 of 5 in cluster T

Actual:
32 ft.

Focus Map:
14

LUST:

Name:	MAIN ST SHELL
Address:	1100 MAIN ST
City,State,Zip:	CONWAY, SC 29526-4067
Release Number:	1
Facility ID:	05027
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	TODD, FREEMAN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/23/2013
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/03/1990
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	01/30/1991
Prefix:	Not reported
Total Score:	36

UST:

Name:	MAIN ST SHELL
Address:	1100 MAIN ST
City:	CONWAY
Facility ID:	05027
Permit:	R 05027
Owner:	TODD, FREEMAN
Owner Address:	1100 MAIN ST
Owner City, st, zip:	CONWAY SC 29526-4067
Owner Phone:	- -
Tank ID:	1
Status:	**Extended Out-of-Use**
Capacity:	8000
Product:	Gasoline
Calcage:	5
Name:	MAIN ST SHELL
Address:	1100 MAIN ST
City:	CONWAY
Tank ID:	2
Status:	**Extended Out-of-Use**
Capacity:	4000
Product:	Gasoline

MAIN ST SHELL (Continued) **U004291437**

Calcage: 5

Name: MAIN ST SHELL
Address: 1100 MAIN ST
City: CONWAY

Tank ID: 3
Status: **Extended Out-of-Use**
Capacity: 4000
Product: Gasoline
Calcage: 5

Name: MAIN ST SHELL
Address: 1100 MAIN ST
City: CONWAY

Tank ID: 4
Status: **Extended Out-of-Use**
Capacity: 4000
Product: Diesel fuel
Calcage: 5

T85 **MAIN STREET EXPRESS** **LUST** **U004017383**
Target **1112 MAIN ST** **UST** **N/A**
Property **CONWAY, SC**

Site 4 of 5 in cluster T

Actual:
33 ft.

Focus Map:
14

LUST:

Name:	MAIN STREET EXPRESS
Address:	1112 MAIN ST
City,State,Zip:	CONWAY, SC 29526-4067
Release Number:	2
Facility ID:	12680
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	KRISH PROPERTIES LLC
Tank Owner Last Name:	PATEL JAYESH & SUNITABEN
Tank Owner First name:	Not reported
NFA Date:	05/09/2002
Tank Owner City:	CONWAY
Confirmed Date:	09/23/1996
Release Date:	08/22/1996
EID:	1771690
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	N
Release Source:	UST
Local Fac Last Name:	MAIN STREET EXPRESS
Local Fac First Name:	Not reported
User Name:	COLLINJH
Cleanup Initiated Date:	09/23/1996
Prefix:	P
Total Score:	1

LUST:

Release Date:	08/22/1996

MAIN STREET EXPRESS (Continued) **U004017383**

Cleanup Complete Date: 03/21/2002
Depth to Ground Water: 3
Ground Water Flow Direction: Not reported
Release Number: 2
Confirmed date: 09/23/1996
RP Name: G J CREEL & SONS INC
RP Address: 708 12TH AVE
RP City: CONWAY
RP State: SC
RP Zip: 29526
SCRBCA Class Code: CLASS3BF
Project Manager: COLLINS, JOHN H
Release Fin Type Code: W25

UST:

Name: MAIN STREET EXPRESS
Address: 1112 MAIN ST
City: CONWAY
Facility ID: 12680
Permit: P 12680
Owner: KRISH PROPERTIES LLC
Owner Address: 125 WILLARD RD
Owner City, st, zip: CONWAY SC 29526
Owner Phone: 843-365-4328

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: MAIN STREET EXPRESS
Address: 1112 MAIN ST
City: CONWAY

Tank ID: 10
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: MAIN STREET EXPRESS
Address: 1112 MAIN ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: MAIN STREET EXPRESS
Address: 1112 MAIN ST
City: CONWAY

Tank ID: 3

MAIN STREET EXPRESS (Continued) **U004017383**

Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	MAIN STREET EXPRESS
Address:	1112 MAIN ST
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	MAIN STREET EXPRESS
Address:	1112 MAIN ST
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	MAIN STREET EXPRESS
Address:	1112 MAIN ST
City:	CONWAY
Tank ID:	6
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel
Calcage:	10
Name:	MAIN STREET EXPRESS
Address:	1112 MAIN ST
City:	CONWAY
Tank ID:	7
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	0
Name:	MAIN STREET EXPRESS
Address:	1112 MAIN ST
City:	CONWAY
Tank ID:	8
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	MAIN STREET EXPRESS
Address:	1112 MAIN ST

MAIN STREET EXPRESS (Continued) **U004017383**

City: CONWAY

Tank ID: 9
Status: **Currently in Use**
Capacity: 8000
Product: Diesel fuel
Calcage: 0

T86 **MIDLAND SERVICE INC** **EDR Hist Auto** **1020773620**
Target **1112 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 5 of 5 in cluster T

Actual:
33 ft.

Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1973	MIDLAND SERVICE INC	Grocery Stores
1974	MIDLAND SERVICE INC	Grocery Stores
1975	MIDLAND SERVICE INC	Grocery Stores

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87 **G & G MINING CO/G & G MINE** **ECHO** **1005791412**
Target **5010 MARIGOLD RD** **N/A**
Property **CONWAY, SC 29527**

Actual:
34 ft.

Focus Map:
12

ECHO:
Envid: 1005791412
Registry ID: 110002184751
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002184751
Name: G & G MINING CO/G & G MINE
Address: 5010 MARIGOLD RD
City,State,Zip: CONWAY, SC 29527

U88 **PALMETTO MEMORIAL FUNERAL SERVICES & CO** **ECHO** **1010692410**
Target **2300 HWY 378** **N/A**
Property **CONWAY, SC 29527**

Site 1 of 2 in cluster U

Actual:
21 ft.

Focus Map:
13

ECHO:
Envid: 1010692410
Registry ID: 110031201697
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110031201697
Name: PALMETTO MEMORIAL FUNERAL SERVICES & CO
Address: 2300 HWY 378
City,State,Zip: CONWAY, SC 29527

U89 **Target** **Property**	**SPEEDWAY 4582** **2298 HWY 378** **CONWAY, SC**	**LUST** **UST**	**U004082422** **N/A**

Site 2 of 2 in cluster U

Actual:
21 ft.

Focus Map:
13

LUST:

Name:	SPEEDWAY 4582
Address:	2298 HWY 378
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	19281
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	SPEEDWAY LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/12/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/07/2019
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	06/12/2019
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	SPEEDWAY 4582
Address:	2298 HWY 378
City:	CONWAY
Facility ID:	19281
Permit:	P 19281
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0

Name:	SPEEDWAY 4582
Address:	2298 HWY 378
City:	CONWAY

Tank ID:	2
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem

SPEEDWAY 4582 (Continued) **U004082422**

Calcage: 0

Name: SPEEDWAY 4582
Address: 2298 HWY 378
City: CONWAY

Tank ID: 3
Status: **Currently in Use**
Capacity: 20000
Product: Diesel fuel
Calcage: 0

90
Target
Property

PARKERS AUTO & TRUCK SERVICE
2257 HWY 378
CONWAY, SC

LUST **U003754959**
UST **N/A**
GWCI

Actual:
20 ft.

Focus Map:
13

LUST:

Name:	PARKERS AUTO & TRUCK SERVICE
Address:	2257 HWY 378
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	18618
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	PACE OIL CO INC
Tank Owner Last Name:	PACE OIL CO INC
Tank Owner First name:	Not reported
NFA Date:	03/24/2015
Tank Owner City:	WINSTON SALEM
Confirmed Date:	11/06/2000
Release Date:	10/31/2000
EID:	1798007
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	R25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	PARKERS AUTO & TRUCK SERVICE
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	11/06/2000
Prefix:	U
Total Score:	1

LUST:

Release Date:	10/31/2000
Cleanup Complete Date:	Not reported
Depth to Ground Water:	8
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	11/06/2000
RP Name:	PACE OIL CO INC
RP Address:	PO BOX 15047
RP City:	WINSTON SALEM
RP State:	NC
RP Zip:	27113
SCRBCA Class Code:	CLASS4BC
Project Manager:	SHRADER, ART A

PARKERS AUTO & TRUCK SERVICE (Continued) **U003754959**

Release Fin Type Code: W25

UST:

Name:	PARKERS AUTO & TRUCK SERVICE
Address:	2257 HWY 378
City:	CONWAY
Facility ID:	18618
Permit:	U 18618
Owner:	PACE OIL CO INC
Owner Address:	PO BOX 15047
Owner City, st, zip:	WINSTON SALEM NC 27113
Owner Phone:	336-723-9982

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

Name:	PARKERS AUTO & TRUCK SERVICE
Address:	2257 HWY 378
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

Name:	PARKERS AUTO & TRUCK SERVICE
Address:	2257 HWY 378
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	18618
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False

PARKERS AUTO & TRUCK SERVICE (Continued) **U003754959**

Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 18618. RBCA Classification 5A1. Conducting investigation/Risk Assessment.

V91 **PEPSI COLA BOTTLING CO** **RCRA-VSQG** **1000695865**
Target **HWY 501 W** **ECHO** **SCD987591302**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster V

Actual:
37 ft.

Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2002-06-05 00:00:00.0
Handler Name:	PEPSI COLA BOTTLING CO
Handler Address:	HWY 501 W
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD987591302
Contact Name:	DARRELL HIGH
Contact Address:	2380 HWY 501 W
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-365-2121
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501 W
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	HAYDEN QUATTLEBAUM
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No

PEPSI COLA BOTTLING CO (Continued) **1000695865**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

PEPSI COLA BOTTLING CO (Continued) **1000695865**

Hazardous Waste Summary:

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAYDEN QUATTLEBAUM
Legal Status:	Private
Date Became Current:	2002-06-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2380 HWY 501 W
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-365-2121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-06-19 00:00:00.0
Handler Name:	PEPSI COLA BOTTLING CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	PEPSI COLA BOTTLING CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PEPSI COLA BOTTLING CO (Continued) **1000695865**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-05 00:00:00.0
Handler Name:	PEPSI COLA BOTTLING CO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

PEPSI COLA BOTTLING CO (Continued) **1000695865**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1998-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PEPSI COLA BOTTLING CO (Continued) **1000695865**

Evaluation Date:	2002-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000695865
Registry ID:	110064115201
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064115201
Name:	PEPSI COLA BOTTLING CO
Address:	HWY 501 W
City,State,Zip:	CONWAY, SC 29526

W92 **SPEEDWAY 4582** **RCRA-VSQG** **1019326533**
Target **2208 HWY 378** **SCR000782888**
Property **CONWAY, SC 29577**

Site 1 of 2 in cluster W

Actual:
20 ft.
Focus Map:
13

RCRA Listings:

Date Form Received by Agency:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4582
Handler Address:	2208 HWY 378
Handler City,State,Zip:	CONWAY, SC 29577
EPA ID:	SCR000782888
Contact Name:	CHARLES BEESE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501-1500
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMIN
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	Private
Operator Name:	SPEEDWAY LLC
Operator Type:	Private
Short-Term Generator Activity:	No

SPEEDWAY 4582 (Continued) **1019326533**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-08 14:37:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

SPEEDWAY 4582 (Continued) **1019326533**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 2015-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1500
Owner/Operator City,State,Zip: SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone: 937-864-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 2015-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1500
Owner/Operator City,State,Zip: SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone: 937-864-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2016-06-21 00:00:00.0
Handler Name: SPEEDWAY 4582
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

SPEEDWAY 4582 (Continued) **1019326533**

Evaluation Action Summary:

No Evaluations Found:

W93 **SPEEDWAY 4582** **ECHO** **1018382816**
Target **2208 HWY 378** **N/A**
Property **CONWAY, SC 29577**

Site 2 of 2 in cluster W

Actual:
20 ft.

Focus Map:
13

ECHO:

Envid:	1018382816
Registry ID:	110069457509
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069457509
Name:	SPEEDWAY 4582
Address:	2208 HWY 378
City,State,Zip:	CONWAY, SC 29577

V94 **SASSER MARSHALL C (DR)** **ECHO** **1004594855**
Target **1043 9TH AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster V

Actual:
38 ft.

Focus Map:
14

ECHO:

Envid:	1004594855
Registry ID:	110010686597
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110010686597
Name:	SASSER MARSHALL C (DR)
Address:	1043 9TH AVE
City,State,Zip:	CONWAY, SC 29526

X95 **CONWAY HIGH SCHOOL HORRY CO SCHOOLS** **ECHO** **1016240383**
Target **HWY 501 W** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster X

Actual:
4 ft.

Focus Map:
14

ECHO:

Envid:	1016240383
Registry ID:	110007832284
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007832284
Name:	CONWAY HIGH SCHOOL HORRY CO SCHOOLS
Address:	HWY 501 W
City,State,Zip:	CONWAY, SC 29526

X96 **Target** **Property**	**CAROLINA STRAND COMPANY INC** **RED HILL** **CONWAY, SC 29526**	**ECHO**	**1016240253** **N/A**

Site 2 of 3 in cluster X

Actual:
4 ft.
Focus Map:
14

ECHO:

Envid:	1016240253
Registry ID:	110007830080
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007830080
Name:	CAROLINA STRAND COMPANY INC
Address:	RED HILL
City,State,Zip:	CONWAY, SC 29526

X97 **Target** **Property**	**GEORGIA-PACIFIC CORP TIMBER** **GOLF COURSE ROAD** **CONWAY, SC 29526**	**ECHO**	**1016184899** **N/A**

Site 3 of 3 in cluster X

Actual:
4 ft.
Focus Map:
14

ECHO:

Envid:	1016184899
Registry ID:	110002193974
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193974
Name:	GEORGIA-PACIFIC CORP TIMBER
Address:	GOLF COURSE ROAD
City,State,Zip:	CONWAY, SC 29526

---

98 **Target** **Property**	**LG TODDS BODY SHOP** **2926 HWY 378** **CONWAY, SC 29527**	**RCRA-VSQG** **ECHO**	**1004780862** **SCR000001339**

Actual:
27 ft.
Focus Map:
13

RCRA Listings:

Date Form Received by Agency:	1995-08-03 00:00:00.0
Handler Name:	LG TODDS BODY SHOP
Handler Address:	2926 HWY 378
Handler City,State,Zip:	CONWAY, SC 29527
EPA ID:	SCR000001339
Contact Name:	L G TODD
Contact Address:	2926 HWY 378
Contact City,State,Zip:	CONWAY, SC 29527
Contact Telephone:	803-397-2585
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 378
Mailing City,State,Zip:	CONWAY, SC 29527
Owner Name:	LG TODD
Owner Type:	Private

LG TODDS BODY SHOP (Continued) **1004780862**

Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

LG TODDS BODY SHOP (Continued) **1004780862**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LG TODD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2926 HWY 378
Owner/Operator City,State,Zip:	CONWAY, SC 29527
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-08-03 00:00:00.0
Handler Name:	LG TODDS BODY SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

LG TODDS BODY SHOP (Continued) **1004780862**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004780862
Registry ID:	110002330451
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330451
Name:	LG TODDS BODY SHOP
Address:	2926 HWY 378
City,State,Zip:	CONWAY, SC 29527

99
Target
Property

FRESENIUS MEDICAL CARE CONWAY
1702 MILLPOND RD
CONWAY, SC 29526

ECHO **1012094435**
N/A

Actual:
29 ft.

Focus Map:
13

ECHO:

Envid:	1012094435
Registry ID:	110038799208
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038799208
Name:	FRESENIUS MEDICAL CARE CONWAY
Address:	1702 MILLPOND RD
City,State,Zip:	CONWAY, SC 29526

Y100
Target
Property

501 BP
1006 CHURCH ST
CONWAY, SC 29526

LUST **U003665990**
GWCI **N/A**

Site 1 of 2 in cluster Y

Actual:
38 ft.

Focus Map:
14

LUST:

Name:	501 BP
Address:	1006 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05175
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	G J CREEL & SONS INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/31/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported

501 BP (Continued) **U003665990**

Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	11/10/1994
Prefix:	Not reported
Total Score:	6

LUST:

Release Date:	03/31/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	1.889
Ground Water Flow Direction:	RAD
Release Number:	1
Confirmed date:	11/10/1994
RP Name:	G J CREEL & SONS INC
RP Address:	708 12TH AVE
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3AA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05175
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes

501 BP (Continued) **U003665990**

Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05175. RBCA Classification 3AA8. Awaiting Funding.

Y101 **BUCKWOOD SERVICE CENTER** **EDR Hist Auto** **1020990837**
Target **1109 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster Y

Actual: EDR Hist Auto
39 ft.

Focus Map:
14

Year:	Name:	Type:
1995	BUCKWOOD SERVICE CENTER	Towing Services
1996	BUCKWOOD SERVICE CENTER	Towing Services

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102 **STILLEY PLYWOOD CO INC** **LUST** **U003525632**
Target **16TH AVE & LAKESIDE DR** **UST** **N/A**
Property **CONWAY, SC**

Actual:
13 ft.

Focus Map:
14

LUST:
Name: STILLEY PLYWOOD CO INC
Address: 16TH AVE & LAKESIDE DR
City,State,Zip: CONWAY, SC 29526
Release Number: 1
Facility ID: 04918
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: STILLEY PLYWOOD CO INC
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: 06/07/2007
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: 06/30/1993
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: SKOWROJT
Cleanup Initiated Date: 06/30/1993
Prefix: Not reported
Total Score: 180

LUST:
Release Date: 06/30/1993
Cleanup Complete Date: 06/01/2007
Depth to Ground Water: 5
Ground Water Flow Direction: W
Release Number: 1
Confirmed date: 06/30/1993
RP Name: STILLEY PLYWOOD CO INC

STILLEY PLYWOOD CO INC (Continued) **U003525632**

RP Address:	1509 FOREST VIEW RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29527-4816
SCRBCA Class Code:	CLASS2BB
Project Manager:	SKOWRONEK, JOHN T
Release Fin Type Code:	WS

UST:

Name:	STILLEY PLYWOOD CO INC
Address:	16TH AVE & LAKESIDE DR
City:	CONWAY
Facility ID:	04918
Permit:	B 04918
Owner:	STILLEY PLYWOOD CO INC
Owner Address:	1509 FOREST VIEW RD
Owner City, st, zip:	CONWAY SC 29527-4816
Owner Phone:	843-248-5840

Tank ID:	1
Status:	**Abandoned**
Capacity:	Not reported
Product:	Diesel fuel
Calcage:	25

Name:	STILLEY PLYWOOD CO INC
Address:	16TH AVE & LAKESIDE DR
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	Not reported
Product:	Gasoline
Calcage:	25

103
Target
Property

GATEWAY HOMES
2990 HWY 378 W
CONWAY, SC

LUST **U003521662**
UST **N/A**
GWCI

Actual:
29 ft.

Focus Map:
13

LUST:

Name:	GATEWAY HOMES
Address:	2990 HWY 378 W
City,State,Zip:	CONWAY, SC 29527-4924
Release Number:	1
Facility ID:	15062
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	SINGLETON, PHYLLIS
Tank Owner Last Name:	SINGLETON
Tank Owner First name:	PHYLLIS
NFA Date:	Not reported
Tank Owner City:	CONWAY
Confirmed Date:	09/29/1994
Release Date:	01/25/1993
EID:	1783553
Local Facility District:	Myrtle Beach EQC Office

GATEWAY HOMES (Continued) **U003521662**

SCRBCA Class Number:	1D
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	GATEWAY HOMES
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	09/29/1994
Prefix:	N
Total Score:	6004

LUST:

Release Date:	01/25/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	6
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	09/29/1994
RP Name:	SOUTHERN HOLDINGS
RP Address:	2980 HWY 378 W
RP City:	CONWAY
RP State:	SC
RP Zip:	295276-
SCRBCA Class Code:	CLASS1D
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	DS

UST:

Name:	GATEWAY HOMES
Address:	2990 HWY 378 W
City:	CONWAY
Facility ID:	15062
Permit:	N 15062
Owner:	SINGLETON, PHYLLIS N
Owner Address:	6510 HAMPTON RD
Owner City, st, zip:	CONWAY SC 29527
Owner Phone:	803-397-3579

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	20

Name:	GATEWAY HOMES
Address:	2990 HWY 378 W
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	20

Name:	GATEWAY HOMES
Address:	2990 HWY 378 W

GATEWAY HOMES (Continued) **U003521662**

City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 20

Name: GATEWAY HOMES
Address: 2990 HWY 378 W
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: 20

Name: GATEWAY HOMES
Address: 2990 HWY 378 W
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 14000
Product: Diesel fuel
Calcage: 20

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 15062
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False

GATEWAY HOMES (Continued) **U003521662**

Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 15062. RBCA Classification 1D4. Active corrective action.

Z104 **CREEL G J & SONS INC** **EDR Hist Auto** **1021562117**
Target **1006 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster Z

Actual:
40 ft.
Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1994	501 BP	Gasoline Service Stations
1995	501 BP	Gasoline Service Stations
1996	501 BP	Gasoline Service Stations
1997	CREEL G J & SONS INC	Gasoline Service Stations
1998	CREEL G J & SONS INC	Gasoline Service Stations
1999	CREEL G J & SONS INC	Gasoline Service Stations
2003	CREEL G J & SONS INC	Gasoline Service Stations
2004	CREEL G J & SONS INC	Gasoline Service Stations
2005	CREEL G J & SONS INC	Gasoline Service Stations
2006	CREEL G J & SONS INC	Gasoline Service Stations
2007	CREEL G J & SONS INC	Gasoline Service Stations
2008	CREEL G J & SONS INC	Gasoline Service Stations

Z105 **501 BP** **UST** **U004291450**
Target **1006 CHURCH ST** **N/A**
Property **CONWAY, SC**

Site 2 of 3 in cluster Z

Actual:
40 ft.
Focus Map:
14

UST:

Name:	501 BP
Address:	1006 CHURCH ST
City:	CONWAY
Facility ID:	05175
Permit:	N 05175
Owner:	G J CREEL & SONS INC
Owner Address:	708 12TH AVE
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-9113

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15

Name:	501 BP
Address:	1006 CHURCH ST

501 BP (Continued) **U004291450**

City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: 501 BP
Address: 1006 CHURCH ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

AA106 **BULK SHELL** **EDR Hist Auto** **1020830957**
Target **2005 HIGHWAY 378** **N/A**
Property **CONWAY, SC 29527**

Site 1 of 2 in cluster AA

Actual: EDR Hist Auto
29 ft.

Focus Map:
13

Year:	Name:	Type:
1986	BULK SHELL	Gasoline Service Stations
1987	BULK SHELL	Gasoline Service Stations
1988	BULK SHELL	Gasoline Service Stations
1989	BULK SHELL	Gasoline Service Stations
1990	BULK SHELL	Gasoline Service Stations
1991	BULK SHELL	Gasoline Service Stations
1992	BULK SHELL	Gasoline Service Stations
1993	BULK SHELL	Gasoline Service Stations
1994	BULK SHELL	Gasoline Service Stations
1995	BULK SHELL	Gasoline Service Stations
1996	BULK SHELL	Gasoline Service Stations
1997	BULK SHELL	Gasoline Service Stations
1998	BULK SHELL	Gasoline Service Stations
1999	BULK SHELL	Gasoline Service Stations
2000	BULK SHELL	Gasoline Service Stations
2001	BULK SHELL	Gasoline Service Stations
2002	BULK SHELL	Gasoline Service Stations
2003	BULK SHELL	Gasoline Service Stations
2004	BULK SHELL	Gasoline Service Stations
2005	BULK SHELL	Gasoline Service Stations, NEC
2006	BULK SHELL	Gasoline Service Stations, NEC
2007	BULK SHELL	Gasoline Service Stations, NEC
2008	BULK SHELL	Gasoline Service Stations, NEC
2009	BULK SHELL	Gasoline Service Stations, NEC
2010	BULK SHELL	Gasoline Service Stations, NEC
2011	BULK SHELL	Gasoline Service Stations, NEC
2012	BULK SHELL	Gasoline Service Stations, NEC
2013	BULK SHELL	Gasoline Service Stations, NEC
2014	BULK SHELL	Gasoline Service Stations, NEC

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AA107 **Target** **Property**	**BULK SHELL** **2005 HWY 378** **CONWAY, SC**	**UST**	**U003519654** **N/A**

Site 2 of 2 in cluster AA

Actual:
29 ft.

Focus Map:
13

UST:

Name:	BULK SHELL
Address:	2005 HWY 378
City:	CONWAY
Facility ID:	15753
Permit:	U 15753
Owner:	G J CREEL & SONS INC
Owner Address:	708 12TH AVE
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-9113
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	BULK SHELL
Address:	2005 HWY 378
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	BULK SHELL
Address:	2005 HWY 378
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	BULK SHELL
Address:	2005 HWY 378
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	550
Product:	Gasoline
Calcage:	25

108	**WASTE INDUSTRIES INC**	**RCRA-VSQG**	**1001493877**
Target	**3010 HWY 378**	**ECHO**	**SC0000630558**
Property	**CONWAY, SC 29527**		

Actual:
29 ft.

Focus Map:
13

RCRA Listings:

Date Form Received by Agency:	1999-06-29 00:00:00.0
Handler Name:	WASTE INDUSTRIES INC
Handler Address:	3010 HWY 378
Handler City,State,Zip:	CONWAY, SC 29527
EPA ID:	SC0000630558
Contact Name:	RICK RIDDEI
Contact Address:	PO BOX 999
Contact City,State,Zip:	CONWAY, SC 29528
Contact Telephone:	843-397-5586
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 999
Mailing City,State,Zip:	CONWAY, SC 29528
Owner Name:	WASTE INDUSTRIES INC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

WASTE INDUSTRIES INC (Continued) **1001493877**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WASTE INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3949 BROWNING PL
Owner/Operator City,State,Zip:	RALEIGH, NC 27619
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-06-29 00:00:00.0
Handler Name:	WASTE INDUSTRIES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WASTE INDUSTRIES INC (Continued) **1001493877**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1999-06-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported

WASTE INDUSTRIES INC (Continued) **1001493877**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1001493877
Registry ID:	110002330308
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330308
Name:	WASTE INDUSTRIES SOUTH INCORPORATED CONWAY
Address:	3010 HWY 378
City,State,Zip:	CONWAY, SC 29527

Z109 **BUCKWOOD SHELL** **EDR Hist Auto** **1020742595**
Target **1108 CHURCH ST 501** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster Z

Actual:
40 ft.

EDR Hist Auto

Focus Map:
14

Year:	Name:	Type:
1986	BUCKWOOD SHELL	Gasoline Service Stations
1987	BUCKWOOD SHELL	Gasoline Service Stations
1988	BUCKWOOD SHELL	Gasoline Service Stations
1989	BUCKWOOD SHELL	Gasoline Service Stations
1990	BUCKWOOD SHELL	Gasoline Service Stations
1991	BUCKWOOD SHELL	Gasoline Service Stations
1992	BUCKWOOD SHELL	Gasoline Service Stations
1993	BUCKWOOD SHELL	Gasoline Service Stations
1994	BUCKWOOD SHELL	Gasoline Service Stations

AB110 **BARKERS 76** **GWCI** **U003628728**
Target **600 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 4 in cluster AB

Actual:
29 ft.

Focus Map:
14

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05160
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False

BARKERS 76 (Continued) **U003628728**

Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05160. RBCA Classification 2AA1. Conducting investigation/Risk Assessment.

AB111 **BARKERS SERVICE CENTER** **UST** **U004255124**
Target **600 MAIN ST** **N/A**
Property **CONWAY, SC**

Site 2 of 4 in cluster AB

Actual:
29 ft.

Focus Map:
14

UST:

Name:	BARKERS SERVICE CENTER
Address:	600 MAIN ST
City:	CONWAY
Facility ID:	18784
Permit:	P 18784
Owner:	BARKERS SERVICE CENTER
Owner Address:	600 MAIN ST
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-9035
Tank ID:	1
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0
Name:	BARKERS SERVICE CENTER
Address:	600 MAIN ST
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	BARKERS SERVICE CENTER
Address:	600 MAIN ST

BARKERS SERVICE CENTER (Continued) **U004255124**

City: CONWAY

Tank ID: 3
Status: **Currently in Use**
Capacity: 4000
Product: Diesel fuel
Calcage: 0

AB112	**BARKERS 76**	**LUST**	**U004256089**
Target	**600 MAIN ST**	**UST**	**N/A**
Property	**CONWAY, SC**		

Site 3 of 4 in cluster AB

Actual:
29 ft.

Focus Map:
14

LUST:

Name:	BARKERS 76
Address:	600 MAIN ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05160
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/20/1992
Prefix:	Not reported
Total Score:	480

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS1D
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

BARKERS 76 (Continued) **U004256089**

UST:

Name:	BARKERS 76
Address:	600 MAIN ST
City:	CONWAY
Facility ID:	05160
Permit:	R 05160
Owner:	CENAMA INC
Owner Address:	123 SHIPYARD BLVD
Owner City, st, zip:	WILMINGTON NC 28412
Owner Phone:	910-395-5300
Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	5
Name:	BARKERS 76
Address:	600 MAIN ST
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5
Name:	BARKERS 76
Address:	600 MAIN ST
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	5
Name:	BARKERS 76
Address:	600 MAIN ST
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	5
Name:	BARKERS 76
Address:	600 MAIN ST
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel
Calcage:	5

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

AB113 **BARKER BILL** **EDR Hist Auto** **1021217250**
Target **600 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 4 of 4 in cluster AB

Actual: EDR Hist Auto
29 ft.

Focus Map:
14

Year:	Name:	Type:
1986	BARKER SVC CENTER	Gasoline Service Stations
1987	BARKER SVC CENTER	Gasoline Service Stations
1988	BARKER SVC CENTER	Gasoline Service Stations
1989	BARKER SVC CENTER	Gasoline Service Stations
1990	BARKER SVC CENTER	Gasoline Service Stations
1991	BARKER SVC CENTER	Gasoline Service Stations
1992	BARKER SERVICE CENTER	Gasoline Service Stations
1993	BARKER BILL	General Automotive Repair Shops
1994	BARKER BILL	General Automotive Repair Shops
1995	BARKER BILL	General Automotive Repair Shops
1996	BARKER BILL	General Automotive Repair Shops
1997	BARKER BILL	General Automotive Repair Shops
1998	BARKER BILL	General Automotive Repair Shops
1999	BARKER BILL	General Automotive Repair Shops
2000	BARKER BILL	General Automotive Repair Shops
2001	BARKER BILL	General Automotive Repair Shops
2002	BARKER BILL	General Automotive Repair Shops
2003	BARKER BILL	General Automotive Repair Shops
2004	BARKER BILL	General Automotive Repair Shops
2005	BARKER BILL	General Automotive Repair Shops
2006	BARKER BILL	General Automotive Repair Shops
2007	BARKER BILL	General Automotive Repair Shops
2008	BARKER BILL	General Automotive Repair Shops
2009	BARKER BILL	General Automotive Repair Shops
2010	BARKER BILL	General Automotive Repair Shops
2011	BARKER BILL	General Automotive Repair Shops
2012	BARKER BILL	General Automotive Repair Shops
2013	BARKER BILL	General Automotive Repair Shops

AC114 **TIGER MART 19** **EDR Hist Auto** **1021639946**
Target **1812 WRIGHT BLVD** **N/A**
Property **CONWAY, SC 29527**

Site 1 of 2 in cluster AC

Actual: EDR Hist Auto
39 ft.

Focus Map:
13

Year:	Name:	Type:
2014	TIGER MART 19	Gasoline Service Stations, NEC

AC115 Target Property	**TIGER MART 19 1812 WRIGHT BLVD CONWAY, SC**	**UST**	**U003766185 N/A**

Site 2 of 2 in cluster AC

Actual:
39 ft.

Focus Map:
13

UST:

Name:	TIGER MART 19
Address:	1812 WRIGHT BLVD
City:	CONWAY
Facility ID:	18681
Permit:	P 18681
Owner:	SMITH ROGERS OIL COMPANY
Owner Address:	3725 E HWY 76
Owner City, st, zip:	MULLINS SC 29574-0308
Owner Phone:	843-464-9577
Tank ID:	1
Status:	**Currently in Use**
Capacity:	32000
Product:	Multiple petroleum
Calcage:	0

---

116 Target Property	**PEE DEE EXCHANGE LLC 6450 HWY 378 CONWAY, SC**	**LUST UST**	**U003629265 N/A**

Actual:
43 ft.

Focus Map:
11

LUST:

Name:	PEE DEE EXCHANGE LLC
Address:	6450 HWY 378
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	10471
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	ANDRA ASSOCIATES LLP
Tank Owner Last Name:	PEE DEE EXCHANGE LLC
Tank Owner First name:	Not reported
NFA Date:	07/11/1994
Tank Owner City:	CONWAY
Confirmed Date:	10/21/2015
Release Date:	03/31/1993
EID:	123447865
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	4BC
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	PEE DEE EXCHANGE LLC
Local Fac First Name:	Not reported
User Name:	WRIGHTJW
Cleanup Initiated Date:	07/11/1994
Prefix:	P
Total Score:	Not reported
Name:	PEE DEE EXCHANGE LLC
Address:	6450 HWY 378
City,State,Zip:	CONWAY, SC 29527
Release Number:	2
Facility ID:	10471

PEE DEE EXCHANGE LLC (Continued) **U003629265**

Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	ANDRA ASSOCIATES LLP
Tank Owner Last Name:	PEE DEE EXCHANGE LLC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	CONWAY
Confirmed Date:	10/21/2015
Release Date:	10/12/2015
EID:	123447865
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	4BC
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	PEE DEE EXCHANGE LLC
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	10/21/2015
Prefix:	P
Total Score:	20

UST:

Name:	PEE DEE EXCHANGE LLC
Address:	6450 HWY 378
City:	CONWAY
Facility ID:	10471
Permit:	P 10471
Owner:	ANDRA ASSOCIATES LLP
Owner Address:	103 N PAMPLICO HWY
Owner City, st, zip:	PAMPLICO SC 29583-3874
Owner Phone:	513-349-1531

Tank ID:	1
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	0

Name:	PEE DEE EXCHANGE LLC
Address:	6450 HWY 378
City:	CONWAY

Tank ID:	2
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0

Name:	PEE DEE EXCHANGE LLC
Address:	6450 HWY 378
City:	CONWAY

Tank ID:	3
Status:	**Currently in Use**
Capacity:	6000
Product:	Diesel fuel

PEE DEE EXCHANGE LLC (Continued) **U003629265**

Calcage: 0

Name: PEE DEE EXCHANGE LLC
Address: 6450 HWY 378
City: CONWAY

Tank ID: 4
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline Super/Prem
Calcage: 0

AD117 **QUICKMART** **LUST** **U003628744**
Target **1813 WRIGHT BLVD** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 1 of 2 in cluster AD

Actual:
39 ft.

Focus Map:
13

LUST:

Name:	QUICKMART
Address:	1813 WRIGHT BLVD
City,State,Zip:	CONWAY, SC 29527-4962
Release Number:	1
Facility ID:	05165
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PATEL, CHETNA
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/19/2014
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	03/20/1992
Prefix:	Not reported
Total Score:	104

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.349
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403

QUICKMART (Continued) **U003628744**

SCRBCA Class Code: CLASS3BF
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:
Name: QUICKMART
Address: 1813 WRIGHT BLVD
City: CONWAY
Facility ID: 05165
Permit: R 05165
Owner: PATEL, CHETNA
Owner Address: 1813 WRIGHT BLVD
Owner City, st, zip: CONWAY SC 29527-4962
Owner Phone: 803-528-1363

Tank ID: 1
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline RUL
Calcage: 5

Name: QUICKMART
Address: 1813 WRIGHT BLVD
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline RUL
Calcage: 5

Name: QUICKMART
Address: 1813 WRIGHT BLVD
City: CONWAY

Tank ID: 3
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline RUL
Calcage: 5

Name: QUICKMART
Address: 1813 WRIGHT BLVD
City: CONWAY

Tank ID: 4
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline Super/Prem
Calcage: 5

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported

QUICKMART (Continued) **U003628744**

Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05165
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05165. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

AD118 **WORSLEY COMPANIES INC** **EDR Hist Auto** **1020996645**
Target **1813 WRIGHT BLVD** **N/A**
Property **CONWAY, SC 29527**

Site 2 of 2 in cluster AD

Actual: EDR Hist Auto
39 ft.

Focus Map:
13

Year:	Name:	Type:
2005	WORSLEY COMPANIES INC	Gasoline Service Stations
2006	WORSLEY COMPANIES INC	Gasoline Service Stations
2007	WORSLEY COMPANIES INC	Gasoline Service Stations
2008	WORSLEY COMPANIES INC	Gasoline Service Stations
2010	CENAMA INC	Gasoline Service Stations

119 Target Property | **D&L SITEWORKS INC/PEE DEE CROSSROADS 2**
6555 US 378
CONWAY, SC 29527

ECHO — **1024083171** / **N/A**

Actual: **41 ft.**
Focus Map: **11**

ECHO:

Envid:	1024083171
Registry ID:	110070162099
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070162099
Name:	D&L SITEWORKS INC/PEE DEE CROSSROADS 2
Address:	6555 US 378
City,State,Zip:	CONWAY, SC 29527

---

120 Target Property | **CONWAY AMERICAN SERVICE STN**
1608 9TH AVE
CONWAY, SC 29526

EDR Hist Auto — **1020287858** / **N/A**

Actual: **40 ft.**
Focus Map: **14**

EDR Hist Auto

Year:	Name:	Type:
1970	CONWAY AMERICAN SERVICE STN	Gasoline Service Stations
1971	CONWAY AMERICAN SERVICE STN	Gasoline Service Stations
1972	CONWAY AMERICAN SERVICE STN	Gasoline Service Stations
1973	CONWAY AMERICAN SERVICE STN	Gasoline Service Stations
1974	CONWAY AMERICAN SERVICE STN	Gasoline Service Stations
1975	CONWAY AMERICAN SERVICE STN	Gasoline Service Stations

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121 Target Property | **YOUR BRIDAL OULET**
500 MAIN ST
CONWAY, SC

LUST **UST** — **U003526874** / **N/A**

Actual: **27 ft.**
Focus Map: **14**

LUST:

Name:	YOUR BRIDAL OULET
Address:	500 MAIN ST
City,State,Zip:	CONWAY, SC 29526-4338
Release Number:	1
Facility ID:	15846
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	MEDLEN, HESTER
Tank Owner Last Name:	MEDLEN
Tank Owner First name:	HESTER
NFA Date:	11/20/1995
Tank Owner City:	CONWAY
Confirmed Date:	05/17/1994
Release Date:	06/30/1993
EID:	1787837
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	UNK
Qualified:	N
Release Source:	UST
Local Fac Last Name:	YOUR BRIDAL OULET
Local Fac First Name:	Not reported
User Name:	CORLEYHR
Cleanup Initiated Date:	05/17/1994
Prefix:	U
Total Score:	1

YOUR BRIDAL OULET (Continued) **U003526874**

LUST:

Release Date:	06/30/1993
Cleanup Complete Date:	11/20/1995
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	05/17/1994
RP Name:	MEDLEN
RP Address:	2440 HWY 501 W
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS5B
Project Manager:	CORLEY, H REED
Release Fin Type Code:	UNK

UST:

Name:	YOUR BRIDAL OULET
Address:	500 MAIN ST
City:	CONWAY
Facility ID:	15846
Permit:	U 15846
Owner:	MEDLEN, HESTER S
Owner Address:	2440 HWY 501 W
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	803-365-2597

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

Name:	YOUR BRIDAL OULET
Address:	500 MAIN ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

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122 **SURE WAY GROCERY** **EDR Hist Auto** **1020801562**
Target **418 HWY 905** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
3 ft.

Focus Map:
14

Year:	Name:	Type:
1980	SURE WAY GROCERY	Grocery Stores
1982	SURE WAY GROCERY	Grocery Stores

123 Target Property	**CAROLINA TIRE CO 1300 6TH AVE CONWAY, SC**	**LUST UST**	**U003519872 N/A**

Actual: **47 ft.**
Focus Map: **14**

LUST:

Name:	CAROLINA TIRE CO
Address:	1300 6TH AVE
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05235
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	BRAD RAGAN INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/05/1995
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	10/14/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	11/18/1992
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	CAROLINA TIRE CO
Address:	1300 6TH AVE
City:	CONWAY
Facility ID:	05235
Permit:	N 05235
Owner:	BRAD RAGAN INC
Owner Address:	PO BOX 240587
Owner City, st, zip:	CHARLOTTE NC 28224-0587
Owner Phone:	704-529-6666

Tank ID:	1
Status:	**Abandoned**
Capacity:	150
Product:	Waste oil, burnt oil, used oil
Calcage:	20

AE124 Target Property	**CVS PHARMACY 3851 707 CHURCH ST CONWAY, SC 29526**	**RCRA-VSQG**	**1014961317 SCR000775205**

Site 1 of 3 in cluster AE

Actual: **44 ft.**
Focus Map: **14**

RCRA Listings:

Date Form Received by Agency:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 3851
Handler Address:	707 CHURCH ST

CVS PHARMACY 3851 (Continued) **1014961317**

Handler City,State,Zip:	CONWAY, SC 29526-4824
EPA ID:	SCR000775205
Contact Name:	NICOLE WILKINSON
Contact Address:	ONE CVS DR
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	CVS PHARMACY INC
Owner Type:	Private
Operator Name:	SC CVS PHARMACY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

CVS PHARMACY 3851 (Continued) **1014961317**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-14 10:47:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

CVS PHARMACY 3851 (Continued) **1014961317**

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P012
Waste Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET

CVS PHARMACY 3851 (Continued) **1014961317**

HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U070
Waste Description: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

CVS PHARMACY 3851 (Continued) **1014961317**

Waste Code:	U200
Waste Description:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
Waste Code:	U201
Waste Description:	1,3-BENZENEDIOL (OR) RESORCINOL
Waste Code:	U204
Waste Description:	SELENIOUS ACID (OR) SELENIUM DIOXIDE
Waste Code:	U205
Waste Description:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)
Waste Code:	U206
Waste Description:	D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U279
Waste Description:	U279
Waste Code:	U411
Waste Description:	U411

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.

CVS PHARMACY 3851 (Continued) **1014961317**

Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

CVS PHARMACY 3851 (Continued) **1014961317**

Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CVS PHARMACY 3851 (Continued) **1014961317**

Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 3851
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 3851
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 3851
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2012-05-07 00:00:00.0
Handler Name:	CVS PHARMACY 3851
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	CVS PHARMACY 3851

CVS PHARMACY 3851 (Continued) **1014961317**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 3851
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CVS PHARMACY 3851 (Continued) **1014961317**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2018-11-07 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCKM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

AE125 Target Property
FOOD CHIEF 20
707 CHURCH ST @ 9TH AVE
CONWAY, SC

LUST UST GWCI — **U000481329** **N/A**

Site 2 of 3 in cluster AE

Actual: 44 ft.
Focus Map: 14

LUST:
Name: FOOD CHIEF 20
Address: 707 CHURCH ST @ 9TH AVE
City,State,Zip: CONWAY, SC 29526
Release Number: 1
Facility ID: 05233
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: DILMAR OIL COMPANY INC
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: 12/10/2014
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: 04/07/1989
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported

FOOD CHIEF 20 (Continued) **U000481329**

Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DUNNRA
Cleanup Initiated Date:	05/03/1989
Prefix:	Not reported
Total Score:	26

LUST:

Release Date:	04/07/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.509
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	05/03/1989
RP Name:	DILMAR OIL COMPANY
RP Address:	1951 W DARLINGTON ST
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	FOOD CHIEF 20
Address:	707 CHURCH ST @ 9TH AVE
City:	CONWAY
Facility ID:	05233
Permit:	N 05233
Owner:	DILMAR OIL COMPANY INC
Owner Address:	1951 W DARLINGTON ST
Owner City, st, zip:	FLORENCE SC 29501
Owner Phone:	843-669-1904

Tank ID:	1
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	10

Name:	FOOD CHIEF 20
Address:	707 CHURCH ST @ 9TH AVE
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Name:	FOOD CHIEF 20
Address:	707 CHURCH ST @ 9TH AVE
City:	CONWAY

FOOD CHIEF 20 (Continued) **U000481329**

Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10
Name:	FOOD CHIEF 20
Address:	707 CHURCH ST @ 9TH AVE
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	Not reported
Name:	FOOD CHIEF 20
Address:	707 CHURCH ST @ 9TH AVE
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	2000
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05233
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False

FOOD CHIEF 20 (Continued) **U000481329**

Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05233. RBCA Classification 3BA8. Awaiting Funding.

AE126 **CVS PHARMACY 3851** **ECHO** **1016037061**
Target **707 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster AE

Actual:
44 ft.
Focus Map:
14

ECHO:

Envid:	1016037061
Registry ID:	110045991138
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045991138
Name:	CVS PHARMACY 3851
Address:	707 CHURCH ST
City,State,Zip:	CONWAY, SC 29526

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127 **D&L/PEE DEE CROSSROADS MINE** **ECHO** **1012280384**
Target **6924 HWY 378** **N/A**
Property **CONWAY, SC 29527**

Actual:
18 ft.
Focus Map:
10

ECHO:

Envid:	1012280384
Registry ID:	110040145367
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110040145367
Name:	D&L/PEE DEE CROSSROADS MINE
Address:	6924 HWY 378
City,State,Zip:	CONWAY, SC 29527

AF128 **DOUGS AUTOMOTIVE** **LUST** **U001120221**
Target **405 MAIN ST** **UST** **N/A**
Property **CONWAY, SC**

Site 1 of 6 in cluster AF

Actual:
31 ft.
Focus Map:
14

LUST:

Name:	DOUGS AUTOMOTIVE
Address:	405 MAIN ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	15406
Release Status Number:	10
Substance:	PETRO
Tank Owner Company Name:	BUTLER, HAZEL
Tank Owner Last Name:	BUTLER
Tank Owner First name:	HAZEL
NFA Date:	02/13/2002
Tank Owner City:	CONWAY
Confirmed Date:	09/19/1995
Release Date:	06/24/1993
EID:	1785253

DOUGS AUTOMOTIVE (Continued) **U001120221**

Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: 3BE
Release Fin Type Code: WS
Qualified: Y
Release Source: UST
Local Fac Last Name: DOUGS AUTOMOTIVE
Local Fac First Name: Not reported
User Name: WILLIATM
Cleanup Initiated Date: 09/19/1995
Prefix: U
Total Score: 2

LUST:
Release Date: 06/24/1993
Cleanup Complete Date: 02/13/2002
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 09/19/1995
RP Name: BUTLER
RP Address: 1011 3RD AVE
RP City: CONWAY
RP State: SC
RP Zip: 29526-5101
SCRBCA Class Code: CLASS3BE
Project Manager: WILLIAMS, TRAVIS M
Release Fin Type Code: WS

UST:
Name: DOUGS AUTOMOTIVE
Address: 405 MAIN ST
City: CONWAY
Facility ID: 15406
Permit: U 15406
Owner: BUTLER, HAZEL
Owner Address: 1011 3RD AVE
Owner City, st, zip: CONWAY SC 29526-5101
Owner Phone: Not reported

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 15

Name: DOUGS AUTOMOTIVE
Address: 405 MAIN ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 15

AF129 **DOUG AUTOMOTIVE & BODY SHOP** **ECHO** **1000231486**
Target **405 MAIN STREET** **SCD982086308**
Property **CONWAY, SC 29526**

Site 2 of 6 in cluster AF

Actual:
31 ft.

Focus Map:
14

ECHO:

Envid:	1000231486
Registry ID:	110002248201
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248201
Name:	DOUG AUTOMOTIVE & BODY SHOP
Address:	405 MAIN ST
City,State,Zip:	CONWAY, SC 29526

AG130 **WRIGHTS GROCERY** **EDR Hist Auto** **1020372779**
Target **935 WRIGHTS BLVD** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster AG

Actual:
42 ft.

Focus Map:
13

EDR Hist Auto

Year:	Name:	Type:
1978	WRIGHTS GROCERY	Grocery Stores
1979	WRIGHTS GROCERY	Grocery Stores
1980	WRIGHTS GROCERY	Grocery Stores
1982	WRIGHTS GROCERY	Grocery Stores
1983	WRIGHTS GROCERY	Grocery Stores
1985	WRIGHTS GROCERY	Grocery Stores

AG131 **T J PARTY SHOP** **LUST** **U001014455**
Target **935 WRIGHTS BLVD** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 2 of 3 in cluster AG

Actual:
42 ft.

Focus Map:
13

LUST:

Name:	T J PARTY SHOP
Address:	935 WRIGHTS BLVD
City,State,Zip:	CONWAY, SC 29527-5459
Release Number:	1
Facility ID:	13781
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	WRIGHT, MARIAN
Tank Owner Last Name:	WRIGHT
Tank Owner First name:	MARIAN
NFA Date:	01/10/2005
Tank Owner City:	CONWAY
Confirmed Date:	09/30/1992
Release Date:	08/07/1991
EID:	1774869
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	T J PARTY SHOP

T J PARTY SHOP (Continued) **U001014455**

Local Fac First Name: Not reported
User Name: CLYMERWR
Cleanup Initiated Date: 09/30/1992
Prefix: N
Total Score: 277

LUST:
Release Date: 08/07/1991
Cleanup Complete Date: Not reported
Depth to Ground Water: 2.5
Ground Water Flow Direction: NW
Release Number: 1
Confirmed date: 09/30/1992
RP Name: WRIGHT
RP Address: 1805 WOODWARD DR
RP City: CONWAY
RP State: SC
RP Zip: 29526
SCRBCA Class Code: CLASS3BF
Project Manager: CLYMER, WESLEY
Release Fin Type Code: WS

UST:
Name: T J PARTY SHOP
Address: 935 WRIGHTS BLVD
City: CONWAY
Facility ID: 13781
Permit: N 13781
Owner: WRIGHT, MARIAN L
Owner Address: 1805 WOODWARD DR
Owner City, st, zip: CONWAY SC 29526
Owner Phone: 843-248-2833

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 20

Name: T J PARTY SHOP
Address: 935 WRIGHTS BLVD
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: 20

Name: T J PARTY SHOP
Address: 935 WRIGHTS BLVD
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 550

T J PARTY SHOP (Continued) **U001014455**

Product:	Kerosene
Calcage:	10

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	13781
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 13781. RBCA Classification 3BF8. Awaiting Funding.

AH132 **G & B DISCOUNT CORNER** **EDR Hist Auto** **1020685450**
Target **3372 HIGHWAY 378** **N/A**
Property **CONWAY, SC 29527**

Site 1 of 2 in cluster AH

Actual: EDR Hist Auto
29 ft.

Focus Map:
12

Year:	Name:	Type:
2004	G & B DISCOUNT CORNER	Grocery Stores, NEC
2005	G & B DISCOUNT CORNER	Grocery Stores, NEC
2006	G & B DISCOUNT CORNER	Convenience Stores
2007	G & B DISCOUNT CORNER	Convenience Stores
2008	G & B DISCOUNT CORNER	Convenience Stores
2009	G & B DISCOUNT CORNER	Convenience Stores
2010	G & B DISCOUNT CORNER	Convenience Stores

G & B DISCOUNT CORNER (Continued) **1020685450**

2011	G & B DISCOUNT CORNER	Convenience Stores
2012	G & B DISCOUNT CORNER	Convenience Stores
2013	G & B DISCOUNT CORNER	Convenience Stores
2014	G & B DISCOUNT CORNER	Convenience Stores

AH133 **SUNHOUSE PETROLEUM 2** **LUST** **U004017682**
Target **3372 HWY 378** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 2 of 2 in cluster AH

Actual:
29 ft.

Focus Map:
12

LUST:

Name:	SUNHOUSE PETROLEUM 2
Address:	3372 HWY 378
City,State,Zip:	CONWAY, SC 29527-4942
Release Number:	1
Facility ID:	14850
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	SUNHOUSE PETROLEUM LLC
Tank Owner Last Name:	SUNHOUSE PETROLEUM LLC
Tank Owner First name:	Not reported
NFA Date:	03/28/1997
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	12/03/1998
Release Date:	06/18/1993
EID:	1782406
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SUNHOUSE PETROLEUM 2
Local Fac First Name:	Not reported
User Name:	BERENBMK
Cleanup Initiated Date:	04/28/1995
Prefix:	R
Total Score:	Not reported

LUST:

Release Date:	11/25/1998
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.589
Ground Water Flow Direction:	S
Release Number:	2
Confirmed date:	12/03/1998
RP Name:	G&B DISCOUNT CENTER
RP Address:	3351 HWY 378
RP City:	CONWAY
RP State:	SC
RP Zip:	29527-4942
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Name:	SUNHOUSE PETROLEUM 2
Address:	3372 HWY 378

SUNHOUSE PETROLEUM 2 (Continued) **U004017682**

City,State,Zip:	CONWAY, SC 29527-4942
Release Number:	2
Facility ID:	14850
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	SUNHOUSE PETROLEUM LLC
Tank Owner Last Name:	SUNHOUSE PETROLEUM LLC
Tank Owner First name:	Not reported
NFA Date:	09/17/2019
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	12/03/1998
Release Date:	11/25/1998
EID:	1782406
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SUNHOUSE PETROLEUM 2
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	12/03/1998
Prefix:	R
Total Score:	279

LUST:

Release Date:	11/25/1998
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.589
Ground Water Flow Direction:	S
Release Number:	2
Confirmed date:	12/03/1998
RP Name:	G&B DISCOUNT CENTER
RP Address:	3351 HWY 378
RP City:	CONWAY
RP State:	SC
RP Zip:	29527-4942
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SUNHOUSE PETROLEUM 2
Address:	3372 HWY 378
City:	CONWAY
Facility ID:	14850
Permit:	R 14850
Owner:	SUNHOUSE PETROLEUM LLC
Owner Address:	1270 BURCALE RD
Owner City, st, zip:	MYRTLE BEACH SC 29579-8361
Owner Phone:	843-236-8003

Tank ID:	1
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline Super/Prem

SUNHOUSE PETROLEUM 2 (Continued) **U004017682**

Calcage: 15

Name: SUNHOUSE PETROLEUM 2
Address: 3372 HWY 378
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 15

Name: SUNHOUSE PETROLEUM 2
Address: 3372 HWY 378
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 15

Name: SUNHOUSE PETROLEUM 2
Address: 3372 HWY 378
City: CONWAY

Tank ID: 4
Status: **Currently in Use**
Capacity: 12000
Product: Multiple petroleum
Calcage: 0

Name: SUNHOUSE PETROLEUM 2
Address: 3372 HWY 378
City: CONWAY

Tank ID: 5
Status: **Currently in Use**
Capacity: 6000
Product: Diesel fuel
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 14850
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False

SUNHOUSE PETROLEUM 2 (Continued) **U004017682**

Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14850. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

AF134 **BASS CLEANERS INC** **EDR Hist Cleaner** **1019935627**
Target **400 MAIN ST** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 6 in cluster AF

Actual:
28 ft.
EDR Hist Cleaner

Focus Map:
14

Year:	Name:	Type:
1969	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1970	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1971	BASS CLEANERS INC	Drycleaning Plants, Except Rugs
1972	BASS CLEANERS INC	Drycleaning Plants, Except Rugs

AI135 **GENERAL TELEPHONE OF THE SOUTH** **LUST** **U003521696**
Target **414 LAUREL ST** **UST** **N/A**
Property **CONWAY, SC**

Site 1 of 3 in cluster AI

Actual:
36 ft.

Focus Map:
14

LUST:

Name:	GENERAL TELEPHONE OF THE SOUTH
Address:	414 LAUREL ST
City,State,Zip:	CONWAY, SC 29526-4317
Release Number:	1
Facility ID:	05024
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GTE ULYSSES WALLS DESIG
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/10/1999

GENERAL TELEPHONE OF THE SOUTH (Continued) **U003521696**

Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/22/1999
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	FANTRM
Cleanup Initiated Date:	03/24/1999
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	GENERAL TELEPHONE OF THE SOUTH
Address:	414 LAUREL ST
City:	CONWAY
Facility ID:	05024
Permit:	N 05024
Owner:	GTE ULYSSES WALLS DESIGNER BLDG SVCS
Owner Address:	4100 ROXBORO ST
Owner City, st, zip:	DURHAM NC 27702
Owner Phone:	919-317-5842

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	5

AF136 **DOWNTOWN CLEANERS** **LUST** **U004254333**
Target **1000 4TH AVE** **UST** **N/A**
Property **CONWAY, SC**

Site 4 of 6 in cluster AF

Actual:
30 ft.

Focus Map:
14

LUST:

Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City,State,Zip:	CONWAY, SC 29526-5108
Release Number:	1
Facility ID:	15117
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	CUSHAMN, HAROLD
Tank Owner Last Name:	CUSHAMN
Tank Owner First name:	HAROLD
NFA Date:	01/05/1998
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/20/1992
Release Date:	01/02/1992
EID:	1783775
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF

DOWNTOWN CLEANERS (Continued) **U004254333**

Release Fin Type Code:	QNW
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	DOWNTOWN CLEANERS
Local Fac First Name:	Not reported
User Name:	CORLEYHR
Cleanup Initiated Date:	03/20/1992
Prefix:	U
Total Score:	0

LUST:

Release Date:	01/02/1992
Cleanup Complete Date:	12/16/1997
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	CUSHAMN
RP Address:	PO BOX 1468
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29578-1468
SCRBCA Class Code:	CLASS3BF
Project Manager:	CORLEY, H REED
Release Fin Type Code:	QNW

UST:

Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City:	CONWAY
Facility ID:	15117
Permit:	U 15117
Owner:	CUSHAMN, HAROLD G
Owner Address:	PO BOX 1468
Owner City, st, zip:	MYRTLE BEACH SC 29578-1468
Owner Phone:	800-626-7602

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City:	CONWAY

DOWNTOWN CLEANERS (Continued) **U004254333**

Tank ID: 3
Status: **Abandoned**
Capacity: 5000
Product: Gasoline
Calcage: 25

AF137 **NORMANS CLEANERS INC** **EDR Hist Cleaner** **1020050520**
Target **1000 4TH AVE** **N/A**
Property **CONWAY, SC 29526**

Site 5 of 6 in cluster AF

Actual: EDR Hist Cleaner
30 ft.

Focus Map:
14

Year:	Name:	Type:
1977	MOORE NORMAN T	Drycleaning Plants, Except Rugs
1978	MOORE NORMAN T	Drycleaning Plants, Except Rugs
1979	MOORE NORMAN T	Drycleaning Plants, Except Rugs
1980	MOORE NORMAN T	Drycleaning Plants, Except Rugs
1991	DOWNTOWN CLEANERS	Drycleaning Plants, Except Rugs, NEC
1992	DOWNTOWN CLEANERS	Drycleaning Plants, Except Rugs, NEC
1993	DOWNTOWN CLEANERS	Drycleaning Plants, Except Rugs, NEC
1994	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1995	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1996	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1997	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1998	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1999	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2000	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2001	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2002	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2003	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2004	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2005	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2006	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2007	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2008	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2009	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2010	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2011	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2012	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2013	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2014	NORMANS CLEANERS INC	Drycleaning Plants, Except Rugs, NEC

AF138 **DOWNTOWN CLEANERS** **LUST** **U004254334**
Target **1000 4TH AVE** **UST** **N/A**
Property **CONWAY, SC**

Site 6 of 6 in cluster AF

Actual: LUST:
30 ft.

Focus Map:
14

Name: DOWNTOWN CLEANERS
Address: 1000 4TH AVE
City,State,Zip: CONWAY, SC 29526-5108
Release Number: 1
Facility ID: 15119

DOWNTOWN CLEANERS (Continued) **U004254334**

Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	SWOPE, AGNES
Tank Owner Last Name:	SWOPE
Tank Owner First name:	AGNES
NFA Date:	03/12/1996
Tank Owner City:	CONWAY
Confirmed Date:	03/20/1992
Release Date:	01/02/1992
EID:	1783787
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	QNW
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	DOWNTOWN CLEANERS
Local Fac First Name:	Not reported
User Name:	CORLEYHR
Cleanup Initiated Date:	03/20/1992
Prefix:	U
Total Score:	1

LUST:

Release Date:	01/02/1992
Cleanup Complete Date:	03/12/1996
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	SWOPE
RP Address:	514 MAIN ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-4338
SCRBCA Class Code:	CLASS5B
Project Manager:	CORLEY, H REED
Release Fin Type Code:	QNW

UST:

Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City:	CONWAY
Facility ID:	15119
Permit:	U 15119
Owner:	SWOPE, AGNES
Owner Address:	514 MAIN ST
Owner City, st, zip:	CONWAY SC 29526-4338
Owner Phone:	703-463-6032

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

Name:	DOWNTOWN CLEANERS

DOWNTOWN CLEANERS (Continued) **U004254334**

Address:	1000 4TH AVE
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	DOWNTOWN CLEANERS
Address:	1000 4TH AVE
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	270
Product:	Gasoline
Calcage:	25

AI139 **MOORE NORMAN T** **EDR Hist Cleaner** **1020044261**
Target **408 LAUREL ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster AI

Actual:
36 ft.

EDR Hist Cleaner

Focus Map:
14

Year:	Name:	Type:
1971	SWARTZ & MOORE CORP	Drycleaning Plants, Except Rugs
1972	SWARTZ & MOORE CORP	Drycleaning Plants, Except Rugs
1973	MOORE NORMAN T	Drycleaning Plants, Except Rugs
1974	MOORE NORMAN T	Drycleaning Plants, Except Rugs
1975	MOORE NORMAN T	Drycleaning Plants, Except Rugs
1976	MOORE NORMAN T	Drycleaning Plants, Except Rugs

AG140 **WRIGHTS GROCERY** **EDR Hist Auto** **1021512614**
Target **935 HWY 378** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster AG

Actual: EDR Hist Auto
44 ft.

Focus Map:
13

Year:	Name:	Type:
1973	WRIGHTS GROCERY	Grocery Stores
1974	WRIGHTS GROCERY	Grocery Stores

---

141 **COX JERRY COMPANY INC** **EDR Hist Auto** **1021365060**
Target **316 MAIN STREET** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
25 ft.
Focus Map:
14

Year:	Name:	Type:
1986	COX JERRY COMPANY INC THE	Department Stores
1987	COX JERRY COMPANY INC	Department Stores

---

142 **WRIGHTS GROCERY** **EDR Hist Auto** **1020460272**
Target **1804 MAGNOLIA ST** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
40 ft.
Focus Map:
13

Year:	Name:	Type:
1986	WRIGHTS GROCERY	Grocery Stores
1987	WRIGHTS GROCERY	Grocery Stores
1988	WRIGHTS GROCERY	Grocery Stores
1989	WRIGHTS GROCERY	Convenience Stores
1990	WRIGHTS GROCERY	Convenience Stores
1991	WRIGHTS GROCERY	Convenience Stores
1992	WRIGHTS GROCERY	Convenience Stores
1993	WRIGHTS GROCERY	Convenience Stores

AI143 **BARKERS SERVICE CENTER** **EDR Hist Auto** **1021191686**
Target **4TH AVE & LAUREL ST** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster AI

Actual: EDR Hist Auto
34 ft.

Focus Map:
14

Year:	Name:	Type:
1969	HARDWICK CHARLES D	Gasoline Service Stations
1969	BARKERS SERVICE CENTER	Gasoline Service Stations
1970	HARDWICK CHARLES D	Gasoline Service Stations
1970	BARKERS SERVICE CENTER	Gasoline Service Stations
1971	BARKERS SERVICE CENTER	Gasoline Service Stations

BARKERS SERVICE CENTER (Continued) **1021191686**

1972	BARKERS SERVICE CENTER	Gasoline Service Stations
1973	BARKERS SERVICE CENTER	Gasoline Service Stations
1974	BARKERS SERVICE CENTER	Gasoline Service Stations
1975	BARKERS SERVICE CENTER	Gasoline Service Stations

AJ144 **PALMETTO CHEVROLET CO** **RCRA-VSQG** **1000298820**
Target **1122 4TH AVE** **ECHO** **SCD047556568**
Property **CONWAY, SC 29526**

Site 1 of 5 in cluster AJ

Actual:
35 ft.

Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2010-12-06 00:00:00.0
Handler Name:	PALMETTO CHEVROLET
Handler Address:	1122 4TH AVENUE
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD047556568
Contact Name:	SHAWN ELLIS
Contact Address:	P O BOX 766
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-248-4283
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	CLERK
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	P O BOX 766
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	WILLIAM O MARSH
Owner Type:	Private
Operator Name:	WILLIAM O MARSH
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN

PALMETTO CHEVROLET CO (Continued) **1000298820**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILLIAM O MARSH
Legal Status:	Private
Date Became Current:	2010-02-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1122 FOURTH AVE
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-4283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

PALMETTO CHEVROLET CO (Continued) **1000298820**

Owner/Operator Name:	WILLIAM O MARSH
Legal Status:	Private
Date Became Current:	2010-02-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1122 FOURTH AVE
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-4283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FLOYD EUGENE C
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAM O MARSH
Legal Status:	Private
Date Became Current:	2010-02-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1122 FOURTH AVE
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-4283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FLOYD EUGENE C
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAM O MARSH
Legal Status:	Private
Date Became Current:	2010-02-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1122 FOURTH AVE
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-4283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-11-02 00:00:00.0
Handler Name:	PALMETTO CHEVROLET
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-04-09 00:00:00.0
Handler Name:	PALMETTO CHEVROLET
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-19 00:00:00.0
Handler Name:	PALMETTO CHEVROLET
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC

PALMETTO CHEVROLET CO (Continued) **1000298820**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-12-06 00:00:00.0
Handler Name: PALMETTO CHEVROLET
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1988-09-29 00:00:00.0
Actual Return to Compliance Date: 1988-12-06 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-29 00:00:00.0
Actual Return to Compliance Date: 1988-12-06 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-29 00:00:00.0
Actual Return to Compliance Date:	1988-12-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-01-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-06-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-12-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-12-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-08-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PALMETTO CHEVROLET CO (Continued) **1000298820**

Evaluation Date:	1991-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WN
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-12-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-04-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK

PALMETTO CHEVROLET CO (Continued) **1000298820**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000298820
Registry ID:	110002247916
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247916
Name:	PALMETTO CHEVROLET CO
Address:	1122 4TH AVE
City,State,Zip:	CONWAY, SC 29526

AJ145 **RIVERTOWN AMOCO** **LUST** **U003524660**
Target **1101 4TH AVE** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 2 of 5 in cluster AJ

Actual:
33 ft.

Focus Map:
14

LUST:

Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City,State,Zip:	CONWAY, SC 29526-5109
Release Number:	1
Facility ID:	05192
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/10/2003
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/09/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MAXWELSR
Cleanup Initiated Date:	03/22/1989
Prefix:	Not reported
Total Score:	13

LUST:

Release Date:	03/09/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.52
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/22/1989

RIVERTOWN AMOCO (Continued) **U003524660**

RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS4AA
Project Manager:	MAXWELL, STEPHEN R
Release Fin Type Code:	WS

UST:

Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City:	CONWAY
Facility ID:	05192
Permit:	N 05192
Owner:	CENAMA INC
Owner Address:	123 SHIPYARD BLVD
Owner City, st, zip:	WILMINGTON NC 28412
Owner Phone:	910-395-5300
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	20
Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	20
Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	20
Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported

RIVERTOWN AMOCO (Continued) **U003524660**

Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	550
Product:	Diesel fuel
Calcage:	20
Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City:	CONWAY
Tank ID:	7
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported
Name:	RIVERTOWN AMOCO
Address:	1101 4TH AVE
City:	CONWAY
Tank ID:	8
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05192
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False

RIVERTOWN AMOCO (Continued) **U003524660**

Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05192. RBCA Classification 4AA3. Monitored Natural Attenuation.

AJ146 **HARVEY TODDS FINA SERVICE** **UST** **U004253690**
Target **1101 4TH AVE** **N/A**
Property **CONWAY, SC**

Site 3 of 5 in cluster AJ

Actual:
33 ft.

Focus Map:
14

UST:

Name:	HARVEY TODDS FINA SERVICE
Address:	1101 4TH AVE
City:	CONWAY
Facility ID:	11643
Permit:	P 11643
Owner:	CENAMA INC
Owner Address:	123 SHIPYARD BLVD
Owner City, st, zip:	WILMINGTON NC 28412
Owner Phone:	910-395-5300
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

AJ147 **HARDWICKS SERVICE STATION INC** **EDR Hist Auto** **1020962741**
Target **1101 4TH AVE** **N/A**
Property **CONWAY, SC 29526**

Site 4 of 5 in cluster AJ

Actual:
33 ft.

Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1971	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1972	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1973	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1974	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1975	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1976	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1977	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1978	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1979	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1980	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1982	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1983	HARDWICKS SERVICE STATION INC	Gasoline Service Stations

HARDWICKS SERVICE STATION INC (Continued) **1020962741**

1985	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1986	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1987	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1988	HARDWICKS SERVICE STATION INC	Gasoline Service Stations
1990	TODDS UNION 76	Gasoline Service Stations
1991	TODDS UNION 76	Gasoline Service Stations
1992	TODDS UNION 76	Gasoline Service Stations
1993	TODDS UNION 76	Gasoline Service Stations
1994	TODDS UNION 76	Gasoline Service Stations
1996	RIVERTOWN SERVICE CENTER INC	Carwashes, NEC
1997	RIVERTOWN SERVICE CENTER INC	Carwashes, NEC

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148 **SCOTCHMAN 12** **LUST** **U003525033**
Target **HWY 501 & 9TH AVE** **UST** **N/A**
Property **CONWAY, SC**

Actual:
48 ft.

Focus Map:
14

LUST:

Name:	SCOTCHMAN 12
Address:	HWY 501 & 9TH AVE
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05152
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/24/2003
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MILENKMP
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	08/18/2003
Depth to Ground Water:	3.5
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MILENKOVA, MAIA P

SCOTCHMAN 12 (Continued) **U003525033**

Release Fin Type Code: WS

UST:

Name: SCOTCHMAN 12
Address: HWY 501 & 9TH AVE
City: CONWAY
Facility ID: 05152
Permit: N 05152
Owner: CENAMA INC
Owner Address: 123 SHIPYARD BLVD
Owner City, st, zip: WILMINGTON NC 28412
Owner Phone: 910-395-5300

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 12
Address: HWY 501 & 9TH AVE
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 12
Address: HWY 501 & 9TH AVE
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

AK149 **SAV WAY 21** **LUST** **U004291452**
Target **604 CHURCH ST** **UST** **N/A**
Property **CONWAY, SC**

Site 1 of 3 in cluster AK

Actual:
58 ft.

Focus Map:
14

LUST:

Name: SAV WAY 21
Address: 604 CHURCH ST
City,State,Zip: CONWAY, SC 29527
Release Number: 1
Facility ID: 05190
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: DASS INC
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported

SAV WAY 21 (Continued) **U004291452**

NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	08/20/1990
Prefix:	Not reported
Total Score:	38

LUST:

Release Date:	12/30/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.179
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	08/20/1990
RP Name:	RAINWATER GAS & OIL CO INC
RP Address:	833 N MCQUEEN ST
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501-2564
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

Name:	SAV WAY 21
Address:	604 CHURCH ST
City,State,Zip:	CONWAY, SC 29527
Release Number:	2
Facility ID:	05190
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	DASS INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/04/2015
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	08/28/2015
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	09/04/2015

SAV WAY 21 (Continued) **U004291452**

Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	12/30/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.179
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	08/20/1990
RP Name:	RAINWATER GAS & OIL CO INC
RP Address:	833 N MCQUEEN ST
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501-2564
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	SAV WAY 21
Address:	604 CHURCH ST
City:	CONWAY
Facility ID:	05190
Permit:	R 05190
Owner:	DASS INC
Owner Address:	401 BLACK OAK CT
Owner City, st, zip:	SPARTANBURG SC 29306
Owner Phone:	864-497-0773

Tank ID:	1
Status:	**Abandoned**
Capacity:	15000
Product:	Gasoline Plus
Calcage:	20

Name:	SAV WAY 21
Address:	604 CHURCH ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	20

Name:	SAV WAY 21
Address:	604 CHURCH ST
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	15000
Product:	Gasoline Super/Prem
Calcage:	20

SAV WAY 21 (Continued) **U004291452**

Name:	SAV WAY 21
Address:	604 CHURCH ST
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5

AK150 Target Property | **SAV WAY 21**
604 HWY 501
CONWAY, SC 29527 | **GWCI** | **U003628784**
N/A

Site 2 of 3 in cluster AK

Actual: 58 ft.
Focus Map: 14

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05190
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05190. RBCA Classification 3BF5. Inactive.

AK151 **SAVE MART** **UST** **U004317038**
Target **604 CHURCH ST** **N/A**
Property **CONWAY, SC**

Site 3 of 3 in cluster AK

Actual: **58 ft.**
Focus Map: **14**

UST:

Name:	SAVE MART
Address:	604 CHURCH ST
City:	CONWAY
Facility ID:	19986
Permit:	P 19986
Owner:	VAIJANATH PROPERTY LLC
Owner Address:	1804 HIGHMARKET ST
Owner City, st, zip:	GEORGETOWN SC 29440
Owner Phone:	843-833-8683
Tank ID:	1
Status:	**Construct Permit Appl. Received**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	SAVE MART
Address:	604 CHURCH ST
City:	CONWAY
Tank ID:	2
Status:	**Construct Permit Appl. Received**
Capacity:	15000
Product:	Multiple petroleum
Calcage:	0

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152 **APPEND INVESTMENT DBA SAM #9** **LUST** **U003629754**
Target **3788 HWY 378** **UST** **N/A**
Property **CONWAY, SC**

Actual: **27 ft.**
Focus Map: **12**

LUST:

Name:	APPEND INVESTMENT DBA SAM #9
Address:	3788 HWY 378
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	15516
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	GUS SAWA DBA APPEND INV
Tank Owner Last Name:	DINH
Tank Owner First name:	JASON
NFA Date:	04/08/2010
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	05/18/1995
Release Date:	04/22/1993
EID:	1785736
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	QUICK MART FOOD & GAS
Local Fac First Name:	Not reported

APPEND INVESTMENT DBA SAM #9 (Continued) **U003629754**

User Name: RIDGLECT
Cleanup Initiated Date: 05/18/1995
Prefix: R
Total Score: 0

LUST:
Release Date: 04/22/1993
Cleanup Complete Date: 04/08/2010
Depth to Ground Water: 2.149
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 05/18/1995
RP Name: RICHARDSON
RP Address: 3781 HWY 378
RP City: CONWAY
RP State: SC
RP Zip: 29527
SCRBCA Class Code: CLASS3BF
Project Manager: RIDGLEY, CATHLEEN T
Release Fin Type Code: WS

UST:
Name: APPEND INVESTMENT DBA SAM #9
Address: 3788 HWY 378
City: CONWAY
Facility ID: 15516
Permit: R 15516
Owner: GUS SAWA DBA APPEND INVESTMENTS LLC
Owner Address: 332 W PALMS DR
Owner City, st, zip: MYRTLE BEACH SC 29579
Owner Phone: 586-615-0171

Tank ID: 1
Status: **Abandoned**
Capacity: 2000
Product: Diesel fuel
Calcage: 20

Name: APPEND INVESTMENT DBA SAM #9
Address: 3788 HWY 378
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 20

Name: APPEND INVESTMENT DBA SAM #9
Address: 3788 HWY 378
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 3000
Product: Gasoline

APPEND INVESTMENT DBA SAM #9 (Continued) **U003629754**

Calcage: 20

Name: APPEND INVESTMENT DBA SAM #9
Address: 3788 HWY 378
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 20

Name: APPEND INVESTMENT DBA SAM #9
Address: 3788 HWY 378
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 20

Name: APPEND INVESTMENT DBA SAM #9
Address: 3788 HWY 378
City: CONWAY

Tank ID: 6
Status: **Currently in Use**
Capacity: 20000
Product: Multiple petroleum
Calcage: 0

AJ153	**TIRE SUPER MARKET**	**LUST**	**U003943110**
Target	**312 ELM ST**	**UST**	**N/A**
Property	**CONWAY, SC**	**GWCI**	

Site 5 of 5 in cluster AJ

Actual:
32 ft.

Focus Map:
14

LUST:

Name:	TIRE SUPER MARKET
Address:	312 ELM ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	18994
Release Status Number:	3
Substance:	PETROL
Tank Owner Company Name:	RAMSEY, NICK
Tank Owner Last Name:	RAMSEY
Tank Owner First name:	NICK
NFA Date:	Not reported
Tank Owner City:	CONWAY
Confirmed Date:	01/30/2004
Release Date:	01/27/2004
EID:	6442519
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y

TIRE SUPER MARKET (Continued) **U003943110**

Release Source:	UST
Local Fac Last Name:	TIRE SUPER MARKET
Local Fac First Name:	Not reported
User Name:	DOLLCS
Cleanup Initiated Date:	01/30/2004
Prefix:	U
Total Score:	110

LUST:

Release Date:	01/27/2004
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.939
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	01/30/2004
RP Name:	RAMSEY
RP Address:	312 ELM ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	W25

UST:

Name:	TIRE SUPER MARKET
Address:	312 ELM ST
City:	CONWAY
Facility ID:	18994
Permit:	U 18994
Owner:	RAMSEY, NICK
Owner Address:	312 ELM ST
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-2693

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	0

Name:	TIRE SUPER MARKET
Address:	312 ELM ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	0

Name:	TIRE SUPER MARKET
Address:	312 ELM ST
City:	CONWAY

Tank ID:	3

TIRE SUPER MARKET (Continued) **U003943110**

Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 0

Name: TIRE SUPER MARKET
Address: 312 ELM ST
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 500
Product: Gasoline
Calcage: 0

Name: TIRE SUPER MARKET
Address: 312 ELM ST
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 500
Product: Gasoline
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 18994
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: No

TIRE SUPER MARKET (Continued) **U003943110**

Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 18994. RBCA Classification 3BF5. Inactive.

154
Target
Property

MONEY SAVER FOOD MART
4062 HWY 378
CONWAY, SC

LUST **UST** **GWCI**

U003796618
N/A

Actual:
33 ft.

Focus Map:
12

LUST:

Name:	MONEY SAVER FOOD MART
Address:	4062 HWY 378
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	04958
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	LOOFA LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/08/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/01/1993
Prefix:	Not reported
Total Score:	3480

LUST:

Release Date:	02/08/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.259
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	03/01/1993
RP Name:	AUGUN
RP Address:	4062 HWY 378
RP City:	CONWAY
RP State:	SC
RP Zip:	29527
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	MONEY SAVER FOOD MART
Address:	4062 HWY 378

MONEY SAVER FOOD MART (Continued) **U003796618**

City:	CONWAY
Facility ID:	04958
Permit:	P 04958
Owner:	LOOFA LLC
Owner Address:	4062 HWY 378
Owner City, st, zip:	CONWAY SC 29527
Owner Phone:	843-397-8715

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	MONEY SAVER FOOD MART
Address:	4062 HWY 378
City:	CONWAY

Tank ID:	10
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0

Name:	MONEY SAVER FOOD MART
Address:	4062 HWY 378
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	MONEY SAVER FOOD MART
Address:	4062 HWY 378
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	MONEY SAVER FOOD MART
Address:	4062 HWY 378
City:	CONWAY

Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	MONEY SAVER FOOD MART
Address:	4062 HWY 378
City:	CONWAY

MONEY SAVER FOOD MART (Continued) **U003796618**

Tank ID: 5
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 10

Name: MONEY SAVER FOOD MART
Address: 4062 HWY 378
City: CONWAY

Tank ID: 6
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 10

Name: MONEY SAVER FOOD MART
Address: 4062 HWY 378
City: CONWAY

Tank ID: 7
Status: **Last used before 1974 and empty**
Capacity: 1000
Product: Gasoline
Calcage: 20

Name: MONEY SAVER FOOD MART
Address: 4062 HWY 378
City: CONWAY

Tank ID: 8
Status: **Last used before 1974 and empty**
Capacity: 1000
Product: Gasoline
Calcage: 20

Name: MONEY SAVER FOOD MART
Address: 4062 HWY 378
City: CONWAY

Tank ID: 9
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline Super/Prem
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 04958
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False

MONEY SAVER FOOD MART (Continued) **U003796618**

Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04958. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

AL155 **CONWAY CITY OF** **LUST** **U004182782**
Target **229 MAIN ST** **UST** **N/A**
Property **CONWAY, SC**

Site 1 of 2 in cluster AL

Actual:
25 ft.

Focus Map:
14

LUST:

Name:	CONWAY CITY OF
Address:	229 MAIN ST
City,State,Zip:	CONWAY, SC 29526-5130
Release Number:	1
Facility ID:	04923
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CONWAY CITY OF
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	12/19/2001
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	THOMADL

CONWAY CITY OF (Continued) **U004182782**

Cleanup Initiated Date:	03/20/1992
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	12/19/2001
Depth to Ground Water:	6.450
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	CONWAY CITY OF
RP Address:	1001 3RD AVE
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	DS

UST:

Name:	CONWAY CITY OF
Address:	229 MAIN ST
City:	CONWAY
Facility ID:	04923
Permit:	N 04923
Owner:	CONWAY CITY OF
Owner Address:	PO BOX 1075
Owner City, st, zip:	CONWAY SC 29528-1075
Owner Phone:	843-248-1770

Tank ID:	1
Status:	**Abandoned**
Capacity:	7000
Product:	Gasoline
Calcage:	Not reported

Name:	CONWAY CITY OF
Address:	229 MAIN ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	7000
Product:	Gasoline
Calcage:	Not reported

Name:	CONWAY CITY OF
Address:	229 MAIN ST
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	Not reported
Product:	Diesel fuel
Calcage:	Not reported

CONWAY CITY OF (Continued) **U004182782**

Name:	CONWAY CITY OF
Address:	229 MAIN ST
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	Not reported
Product:	Gasoline
Calcage:	Not reported
Name:	CONWAY CITY OF
Address:	229 MAIN ST
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	Not reported
Product:	Diesel fuel
Calcage:	Not reported
Name:	CONWAY CITY OF
Address:	229 MAIN ST
City:	CONWAY
Tank ID:	6
Status:	**Abandoned**
Capacity:	Not reported
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported
Name:	CONWAY CITY OF
Address:	229 MAIN ST
City:	CONWAY
Tank ID:	9
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

AL156 **CONWAY CITY OF** **ECHO** **1007214600**
Target **1001 3RD AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AL

Actual:
26 ft.

Focus Map:
14

ECHO:

Envid:	1007214600
Registry ID:	110002174450
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002174450
Name:	CONWAY CITY OF (SC2610008)
Address:	1001 3RD AVE
City,State,Zip:	CONWAY, SC 29526

157 **Target Property** — **HORRY COUNTY SCHOOLS**, **1605 HORRY ST**, **CONWAY, SC** — **UST** — **U004253291**, **N/A**

Actual: 43 ft.
Focus Map: 13

UST:

Name:	HORRY COUNTY SCHOOLS
Address:	1605 HORRY ST
City:	CONWAY
Facility ID:	10133
Permit:	P 10133
Owner:	HORRY COUNTY SCHOOLS
Owner Address:	PO BOX 260005
Owner City, st, zip:	CONWAY SC 29528-6005
Owner Phone:	843-488-6711
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

AM158 **Target Property** — **CAUSEY & LONG**, **601 CHURCH ST**, **CONWAY, SC 29526** — **EDR Hist Auto** — **1021455937**, **N/A**

Site 1 of 2 in cluster AM

Actual: 53 ft.
Focus Map: 14

EDR Hist Auto

Year:	Name:	Type:
1993	CAUSEY & LONG	Gasoline Service Stations
1994	CAUSEY & LONG	Gasoline Service Stations
1995	CAUSEY & LONG	Gasoline Service Stations
1996	CAUSEY & LONG	Gasoline Service Stations
1997	CAUSEY & LONG	Gasoline Service Stations
1998	CAUSEY & LONG	Gasoline Service Stations
1999	CAUSEY & LONG	Gasoline Service Stations
2000	CAUSEY & LONG	Gasoline Service Stations
2001	CAUSEY & LONG	Gasoline Service Stations
2002	CAUSEY & LONG	Gasoline Service Stations
2003	CAUSEY & LONG	Gasoline Service Stations
2004	CAUSEY & LONG	Gasoline Service Stations
2005	CAUSEY & LONG	Gasoline Service Stations
2006	CAUSEY & LONG	Gasoline Service Stations
2007	CAUSEY & LONG	Gasoline Service Stations

AM159 **Target Property** — **AMMY LLC DBA MONEY SAVER**, **601 CHURCH ST**, **CONWAY, SC** — **LUST**, **UST** — **U003970239**, **N/A**

Site 2 of 2 in cluster AM

Actual: 53 ft.
Focus Map: 14

LUST:

Name:	AMMY LLC DBA MONEY SAVER
Address:	601 CHURCH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05238

AMMY LLC DBA MONEY SAVER (Continued) **U003970239**

Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	AMMY LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/17/1998
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/06/1995
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DUBOISPM
Cleanup Initiated Date:	07/29/1996
Prefix:	Not reported
Total Score:	27

LUST:

Release Date:	12/06/1995
Cleanup Complete Date:	11/17/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	07/29/1996
RP Name:	CAUSEY & LONG OIL CO
RP Address:	PO BOX 594
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-0594
SCRBCA Class Code:	CLASS3BF
Project Manager:	DUBOIS, PAMELA M
Release Fin Type Code:	W25

UST:

Name:	AMMY LLC DBA MONEY SAVER
Address:	601 CHURCH ST
City:	CONWAY
Facility ID:	05238
Permit:	P 05238
Owner:	AMMY LLC
Owner Address:	601 CHURCH ST
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-488-1401

Tank ID:	1
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline
Calcage:	10

Name:	AMMY LLC DBA MONEY SAVER

AMMY LLC DBA MONEY SAVER (Continued) **U003970239**

Address: 601 CHURCH ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 10

Name: AMMY LLC DBA MONEY SAVER
Address: 601 CHURCH ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: AMMY LLC DBA MONEY SAVER
Address: 601 CHURCH ST
City: CONWAY

Tank ID: 4
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: AMMY LLC DBA MONEY SAVER
Address: 601 CHURCH ST
City: CONWAY

Tank ID: 5
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: AMMY LLC DBA MONEY SAVER
Address: 601 CHURCH ST
City: CONWAY

Tank ID: 6
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

AN160 **B & B SUPERETTE** **EDR Hist Auto** **1020317894**
Target **800 HIGHWAY 378** **N/A**
Property **CONWAY, SC 29527**

Site 1 of 4 in cluster AN

Actual: EDR Hist Auto
47 ft.

Focus Map:
14

Year:	Name:	Type:
1988	B & B SUPERETTE	Grocery Stores
1989	B & B SUPERETTE	Grocery Stores
1990	B & B SUPERETTE	Grocery Stores
1991	B & B SUPERETTE	Grocery Stores
1992	B & B SUPERETTE	Grocery Stores
1993	B & B SUPERETTE	Grocery Stores
1994	B & B SUPERETTE	Grocery Stores
2011	B & B SUPERETTE	Gasoline Service Stations
2012	B & B SUPERETTE	Gasoline Service Stations

AN161 **B&B SUPERETTE** **GWCI** **U004019025**
Target **800 WRIGHT BLVD** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 4 in cluster AN

Actual: SC GWIC:
47 ft.

Focus Map:
14

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05220
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No

B&B SUPERETTE (Continued) **U004019025**

Drinking Water Well Impact: No
Remarks: Site ID # 05220. RBCA Classification 3BF5. Inactive.

AN162 **SHREE MINI MART** **UST** **U004254928**
Target **800 WRIGHT BLVD** **N/A**
Property **CONWAY, SC**

Site 3 of 4 in cluster AN

Actual:
47 ft.
Focus Map:
14

UST:

Name:	SHREE MINI MART
Address:	800 WRIGHT BLVD
City:	CONWAY
Facility ID:	18020
Permit:	P 18020
Owner:	PATEL, SMITA H
Owner Address:	5145 COUNTRY PINE DR
Owner City, st, zip:	MYRTLE BEACH SC 29579
Owner Phone:	843-488-2010

Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Multiple petroleum
Calcage:	0

AN163 **SHREE MINI MART** **LUST** **U004256102**
Target **800 WRIGHT BLVD** **UST** **N/A**
Property **CONWAY, SC**

Site 4 of 4 in cluster AN

Actual:
47 ft.
Focus Map:
14

LUST:

Name:	SHREE MINI MART
Address:	800 WRIGHT BLVD
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05220
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	DUSENBURY, JEAN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/10/2013
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/30/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	SHRADEAA

SHREE MINI MART (Continued) **U004256102**

Cleanup Initiated Date:	09/07/1994
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	06/30/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.740
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	09/07/1994
RP Name:	ORPHAN
RP Address:	602 27TH AVE N
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577-3160
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	DS

UST:

Name:	SHREE MINI MART
Address:	800 WRIGHT BLVD
City:	CONWAY
Facility ID:	05220
Permit:	N 05220
Owner:	DUSENBURY, JEAN
Owner Address:	602 27TH AVE N
Owner City, st, zip:	MYRTLE BEACH SC 29577-3160
Owner Phone:	Not reported

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	20

Name:	SHREE MINI MART
Address:	800 WRIGHT BLVD
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	20

Name:	SHREE MINI MART
Address:	800 WRIGHT BLVD
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	550
Product:	Kerosene
Calcage:	20

AO164 **SWARTZ & MOORE CORP** **EDR Hist Cleaner** **1020100699**
Target **300 ELM ST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster AO

Actual:
28 ft.

Focus Map:
14

EDR Hist Cleaner

Year:	Name:	Type:
1971	SWARTZ & MOORE CORP	Drycleaning Plants, Except Rugs
1972	SWARTZ & MOORE CORP	Drycleaning Plants, Except Rugs
1973	SWARTZ & MOORE CORP	Drycleaning Plants, Except Rugs
1974	SWARTZ & MOORE CORP	Drycleaning Plants, Except Rugs

AO165 **CHEF SKIS DELI** **LUST** **U003520067**
Target **300 ELM ST** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 2 of 3 in cluster AO

Actual:
28 ft.

Focus Map:
14

LUST:

Name:	CHEF SKIS DELI
Address:	300 ELM ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	18177
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	PEW, DOUG
Tank Owner Last Name:	PEW
Tank Owner First name:	DOUG
NFA Date:	10/28/2010
Tank Owner City:	DARLINGTON
Confirmed Date:	07/21/1998
Release Date:	06/03/1998
EID:	1796540
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CHEF SKIS DELI
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	07/21/1998
Prefix:	U
Total Score:	33

LUST:

Release Date:	06/03/1998
Cleanup Complete Date:	10/28/2010
Depth to Ground Water:	1.77
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	07/21/1998
RP Name:	PEW
RP Address:	PO BOX 335
RP City:	DARLINGTON
RP State:	SC
RP Zip:	29540

CHEF SKIS DELI (Continued) **U003520067**

SCRBCA Class Code: CLASS3BF
Project Manager: RIDGLEY, CATHLEEN T
Release Fin Type Code: W25

UST:
Name: CHEF SKIS DELI
Address: 300 ELM ST
City: CONWAY
Facility ID: 18177
Permit: U 18177
Owner: PEW, DOUG
Owner Address: PO BOX 335
Owner City, st, zip: DARLINGTON SC 29540
Owner Phone: 803-393-4473

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 25

Name: CHEF SKIS DELI
Address: 300 ELM ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 25

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 18177
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False

CHEF SKIS DELI (Continued) **U003520067**

Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 18177. RBCA Classification 3BF6. Contacted.

AP166 **EASY PICK UP 1** **LUST** **U003665997**
Target **1314 4TH AVE** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 1 of 2 in cluster AP

Actual:
34 ft.

Focus Map:
14

LUST:

Name:	EASY PICK UP 1
Address:	1314 4TH AVE
City,State,Zip:	CONWAY, SC 29526-5029
Release Number:	2
Facility ID:	05177
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	G J CREEL & SONS INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/29/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/30/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	11/10/1994
Prefix:	Not reported
Total Score:	2

LUST:

Release Date:	06/30/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	1.350
Ground Water Flow Direction:	SE
Release Number:	2
Confirmed date:	11/10/1994
RP Name:	G J CREEL & SONS INC
RP Address:	708 12TH AVE
RP City:	CONWAY

EASY PICK UP 1 (Continued) **U003665997**

RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

Name:	EASY PICK UP 1
Address:	1314 4TH AVE
City,State,Zip:	CONWAY, SC 29526-5029
Release Number:	3
Facility ID:	05177
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	G J CREEL & SONS INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/28/1993
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/15/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	02/15/1993
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	06/30/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	1.350
Ground Water Flow Direction:	SE
Release Number:	2
Confirmed date:	11/10/1994
RP Name:	G J CREEL & SONS INC
RP Address:	708 12TH AVE
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	EASY PICK UP 1
Address:	1314 4TH AVE
City:	CONWAY
Facility ID:	05177
Permit:	N 05177

EASY PICK UP 1 (Continued) **U003665997**

Owner:	G J CREEL & SONS INC
Owner Address:	708 12TH AVE
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-9113
Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	5
Name:	EASY PICK UP 1
Address:	1314 4TH AVE
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	5000
Product:	Gasoline
Calcage:	5
Name:	EASY PICK UP 1
Address:	1314 4TH AVE
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05177
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False

EASY PICK UP 1 (Continued) **U003665997**

Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05177. RBCA Classification 3BF8. Awaiting Funding.

AP167 **KINGSTON SALES CORPORATION** **EDR Hist Auto** **1020457234**
Target **1314 4TH AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AP

Actual: EDR Hist Auto
34 ft.

Focus Map:
14

Year:	Name:	Type:
1976	SUNSHINE FOOD MARKET #1	Grocery Stores
1976	TODDS DISCOUNT CENTER	Gasoline Service Stations
1977	SUNSHINE FOOD MARKET #1	Grocery Stores
1978	SUNSHINE FOOD MARKET #1	Grocery Stores
1979	SUNSHINE FOOD MARKET #1	Grocery Stores
1980	SUNSHINE FOOD MARKET #1	Grocery Stores
1982	SUNSHINE FOOD MARKET #1	Grocery Stores
1982	KINGSTON SALES CORP	Grocery Stores
1983	KINGSTON SALES CORP	Grocery Stores
1983	SUNSHINE FOOD MARKET #1	Grocery Stores
1985	SUNSHINE FOOD MARKET #1	Grocery Stores
1985	KINGSTON SALES CORP	Grocery Stores
1986	SUNSHINE FOOD MARKET #1	Grocery Stores
1986	KINGSTON SALES CORP	Grocery Stores
1987	KINGSTON SALES CORP	Grocery Stores
1987	SUNSHINE FOOD MARKET #1	Grocery Stores
1988	SUNSHINE FOOD MARKET #1	Grocery Stores
1988	KINGSTON SALES CORP	Grocery Stores
1989	KINGSTON SALES CORPORATION	Convenience Stores
1989	SUNSHINE FOOD MARKET 1	Gasoline Service Stations, NEC
1990	KINGSTON SALES CORPORATION	Convenience Stores
1990	SUNSHINE FOOD MARKET 1	Gasoline Service Stations, NEC
1991	KINGSTON SALES CORPORATION	Convenience Stores
1991	SUNSHINE FOOD MARKET 1	Gasoline Service Stations, NEC
1992	KINGSTON SALES CORPORATION	Convenience Stores
1992	SUNSHINE FOOD MARKET 1	Gasoline Service Stations, NEC
1993	KINGSTON SALES CORPORATION	Convenience Stores
1993	SUNSHINE FOOD MARKET 1	Gasoline Service Stations, NEC
1994	KINGSTON SALES CORPORATION	Convenience Stores
1995	KINGSTON SALES CORPORATION	Convenience Stores
1996	KINGSTON SALES CORPORATION	Convenience Stores
1997	KINGSTON SALES CORPORATION	Convenience Stores
1998	KINGSTON SALES CORPORATION	Convenience Stores
2000	KINGSTON SALES CORPORATION	Convenience Stores

AQ168 **SPANN LOUIS E JR** — **EDR Hist Cleaner** — **1018632229**
Target **307 BEATY ST** — **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster AQ

Actual:
28 ft.

EDR Hist Cleaner

Focus Map:
14

Year:	Name:	Type:
1969	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1970	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1971	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1972	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1973	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1974	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1975	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1976	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1977	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1978	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1979	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1980	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1982	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1983	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1983	SPANN LOUIS E JR	Drycleaning Plants, Except Rugs
1985	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1986	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1987	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs

AQ169 **FMR CONWAY CLEANERS INC** — **SHWS** — **S120857707**
Target **307 BEATY ST** — **DRYCLEANERS** — **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AQ

Actual:
28 ft.

Focus Map:
14

SHWS:

Name:	FMR CONWAY CLEANERS INC
Address:	307 BEATY ST
City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCDRY0056257

Drycleaners:

BLWM Number:	66267
Rank:	III
Priority Group Explanation:	III

AO170 **MOORE & SWARTZ CORP** — **EDR Hist Cleaner** — **1020044195**
Target **1127 3RD AVE** — **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster AO

Actual:
26 ft.

EDR Hist Cleaner

Focus Map:
14

Year:	Name:	Type:
1970	MOORE & SWARTZ CORP	Drycleaning Plants, Except Rugs

AR171 **SINGLE SOURCE INC** **ECHO** **1018396184**
Target **1412 GAMECOCK AVE UNIT C** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster AR

Actual:
38 ft.
Focus Map:
14

ECHO:

Envid:	1018396184
Registry ID:	110069512370
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069512370
Name:	SINGLE SOURCE INC
Address:	1412 GAMECOCK AVE UNIT C
City,State,Zip:	CONWAY, SC 29526

AR172 **SINGLE SOURCE INC** **RCRA-VSQG** **1019326568**
Target **1412 GAMECOCK AVE UNIT C** **SCR000783258**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AR

Actual:
38 ft.
Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2016-08-08 00:00:00.0
Handler Name:	SINGLE SOURCE INC
Handler Address:	1412 GAMECOCK AVE UNIT C
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000783258
Contact Name:	DESTRY LOONEY
Contact Address:	GAMECOCK AVE UNIT C
Contact City,State,Zip:	CONWAY, SC 29256
Contact Telephone:	843-488-5151
Contact Fax:	Not reported
Contact Email:	DLOONEY@SINGLESOURCE.COM
Contact Title:	STORE MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	GAMECOCK AVE UNIT C
Mailing City,State,Zip:	CONWAY, SC 29256
Owner Name:	NATIONAL COATING & SUPPLIES
Owner Type:	Private
Operator Name:	NATIONAL COATING & SUPPLIES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

SINGLE SOURCE INC (Continued) **1019326568**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-23 14:13:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD

SINGLE SOURCE INC (Continued) **1019326568**

Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NATIONAL COATING & SUPPLIES
Legal Status:	Private
Date Became Current:	2016-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4900 FALLS OF NEUSE STE 150
Owner/Operator City,State,Zip:	RALEIGH NC, NC 27609
Owner/Operator Telephone:	919-573-2900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NATIONAL COATING & SUPPLIES
Legal Status:	Private
Date Became Current:	2016-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4900 FALLS OF NEUSE STE 150
Owner/Operator City,State,Zip:	RALEIGH NC, NC 27609
Owner/Operator Telephone:	919-573-2900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-08-08 00:00:00.0
Handler Name:	SINGLE SOURCE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

173 **Target Property** — **ALL OUT ENGINES AND TRANSM**
210 ELM ST
CONWAY, SC 29526

EDR Hist Auto — **1020344963** — **N/A**

EDR Hist Auto

Actual: **25 ft.**
Focus Map: **14**

Year:	Name:	Type:
2009	ALL OUT ENGINES AND TRANSM	Automotive Transmission Repair Shops

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174 **Target Property** — **G&G MINING CO. LLC COMPOSTING SITE**
, SC

SWF/LF — **S108237922** — **N/A**

Actual: **18 ft.**
Focus Map: **12**

LF:

Name:	G&G MINING CO. LLC COMPOSTING SITE
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	5010 Marigold Road
Mailing State:	SC
Mailing City:	Conway
Mailing Zip:	29527
Facility ID:	262667-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting - Type 1
GW Mod Reqd:	N
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Active
Class:	Commercial
UTM-E:	669690.84999999998
UTM-N:	3746412.29
Contact Name:	Michael Graham
Contact Phone:	(843) 397-3381

AS175 **Target Property** — **HENDRICKS BROS AUTO SALES INC**
1306 THIRD AVE
CONWAY, SC 29526

EDR Hist Auto — **1020744042** — **N/A**

Site 1 of 4 in cluster AS

Actual: **22 ft.**
Focus Map: **14**

EDR Hist Auto

Year:	Name:	Type:
1975	HENDRICKS BROS AUTO SALES INC	Gasoline Service Stations
1976	HENDRICKS BROS AUTO SALES INC	Gasoline Service Stations
1977	HENDRICKS BROS AUTO SALES INC	Gasoline Service Stations
1978	HENDRICKS BROS AUTO SALES INC	Gasoline Service Stations
1979	HENDRICKS BROS AUTO SALES INC	Gasoline Service Stations

AT176	**SUB WAY**	**UST**	**U004254510**
Target	**484 WRIGHT BLVD**		**N/A**
Property	**CONWAY, SC**		

Site 1 of 2 in cluster AT

Actual:
46 ft.

Focus Map:
14

UST:

Name:	SUB WAY
Address:	484 WRIGHT BLVD
City:	CONWAY
Facility ID:	16050
Permit:	U 16050
Owner:	WELLONS, DAVID T
Owner Address:	2007 S O BLVD
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-448-7032
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

AS177	**D D LEWIS EXXON**	**LUST**	**U003520667**
Target	**1301 3RD AVE**	**UST**	**N/A**
Property	**CONWAY, SC**		

Site 2 of 4 in cluster AS

Actual:
20 ft.

Focus Map:
14

LUST:

Name:	D D LEWIS EXXON
Address:	1301 3RD AVE
City,State,Zip:	CONWAY, SC 29526-5001
Release Number:	1
Facility ID:	05241
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CAUSEY & LONG OIL CO
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/05/2004
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/27/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	THOMADL
Cleanup Initiated Date:	09/20/1990
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	12/27/1989
Cleanup Complete Date:	01/05/2004

D D LEWIS EXXON (Continued) **U003520667**

Depth to Ground Water:	2
Ground Water Flow Direction:	W
Release Number:	1
Confirmed date:	09/20/1990
RP Name:	CAUSEY & LONG OIL CO
RP Address:	PO BOX 594
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-0594
SCRBCA Class Code:	CLASS2BB
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	DS

UST:

Name:	D D LEWIS EXXON
Address:	1301 3RD AVE
City:	CONWAY
Facility ID:	05241
Permit:	N 05241
Owner:	CAUSEY & LONG OIL CO
Owner Address:	PO BOX 594
Owner City, st, zip:	CONWAY SC 29526-0594
Owner Phone:	843-248-9103

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	5

Name:	D D LEWIS EXXON
Address:	1301 3RD AVE
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	10

AS178 **LEWIS EXXON** **EDR Hist Auto** **1020749227**
Target **1301 THIRD AV** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 4 in cluster AS

Actual:
20 ft.

EDR Hist Auto

Focus Map:
14

Year:	Name:	Type:
1986	LEWIS EXXON	Gasoline Service Stations
1987	LEWIS EXXON	Gasoline Service Stations
1988	LEWIS EXXON	Gasoline Service Stations
1989	LEWIS EXXON	Gasoline Service Stations
1990	LEWIS EXXON	Gasoline Service Stations
1991	LEWIS EXXON	Gasoline Service Stations
1992	LEWIS EXXON	Gasoline Service Stations

LEWIS EXXON (Continued) **1020749227**

1993	LEWIS EXXON	Gasoline Service Stations
1994	LEWIS EXXON	Gasoline Service Stations
1995	LEWIS EXXON	Gasoline Service Stations
1996	LEWIS EXXON	Gasoline Service Stations
1997	LEWIS EXXON	Gasoline Service Stations
1998	LEWIS AMOCO	Gasoline Service Stations

179
Target
Property

TODD BROTHERS SERVICE CENTER
1401 4TH AVE
CONWAY, SC 29526

EDR Hist Auto **1020742610** **N/A**

EDR Hist Auto

Actual:
30 ft.
Focus Map:
14

Year:	Name:	Type:
1994	TODD BROTHERS SERVICE CENTER	Gasoline Service Stations
1995	TODD BROTHERS SERVICE CENTER	Gasoline Service Stations

180
Target
Property

WATSON JOSEPH W
1318 THIRD AVE
CONWAY, SC 29526

EDR Hist Auto **1021275039** **N/A**

EDR Hist Auto

Actual:
26 ft.
Focus Map:
14

Year:	Name:	Type:
1969	WATSON JOSEPH W	Gasoline Service Stations
1970	WATSON JOSEPH W	Gasoline Service Stations
1971	WATSON JOSEPH W	Gasoline Service Stations
1972	WATSON JOSEPH W	Gasoline Service Stations
1973	WATSON JOSEPH W	Gasoline Service Stations
1974	WATSON JOSEPH W	Gasoline Service Stations
1975	WATSON JOSEPH W	Gasoline Service Stations
1976	WATSON JOSEPH W	Gasoline Service Stations
1977	WATSON JOSEPH W	Gasoline Service Stations

AS181
Target
Property

LEWIS D DERWOOD
1305 THIRD AVE
CONWAY, SC 29526

EDR Hist Auto **1021710626** **N/A**

Site 4 of 4 in cluster AS

Actual:
20 ft.
Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1969	LEWIS D DERWOOD	Gasoline Service Stations
1970	LEWIS D DERWOOD	Gasoline Service Stations
1971	LEWIS D DERWOOD	Gasoline Service Stations
1972	LEWIS D DERWOOD	Gasoline Service Stations
1973	LEWIS D DERWOOD	Gasoline Service Stations
1974	LEWIS D DERWOOD	Gasoline Service Stations
1975	LEWIS D DERWOOD	Gasoline Service Stations

LEWIS D DERWOOD (Continued) **1021710626**

1976 LEWIS D DERWOOD Gasoline Service Stations

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
AU182 Target Property	**DERWOODS 420 CHURCH ST CONWAY, SC**	**LUST UST**	**U004291448 N/A**

Site 1 of 5 in cluster AU

Actual: 38 ft.

Focus Map: 14

LUST:

Name:	DERWOODS
Address:	420 CHURCH ST
City,State,Zip:	CONWAY, SC 29526-4806
Release Number:	1
Facility ID:	05143
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/03/2016
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	03/20/1992
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	DERWOODS
Address:	420 CHURCH ST
City:	CONWAY
Facility ID:	05143

DERWOODS (Continued) **U004291448**

Permit: R 05143
Owner: CENAMA INC
Owner Address: 123 SHIPYARD BLVD
Owner City, st, zip: WILMINGTON NC 28412
Owner Phone: 910-395-5300

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: DERWOODS
Address: 420 CHURCH ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 10

Name: DERWOODS
Address: 420 CHURCH ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 10

AU183 **MARTINS PURE OIL SERVICE STN** **EDR Hist Auto** **1020145684**
Target **420 HWY 378** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 5 in cluster AU

Actual:
38 ft.

EDR Hist Auto

Focus Map:
14

Year:	Name:	Type:
1971	MARTINS PURE OIL SERVICE STN	Gasoline Service Stations
1972	MARTINS GARAGE	General Automotive Repair Shops
1973	MARTINS GARAGE	General Automotive Repair Shops
1974	MARTINS GARAGE	General Automotive Repair Shops
1975	MARTINS GARAGE	General Automotive Repair Shops
1976	MARTINS GARAGE	General Automotive Repair Shops
1985	TODDS UNION 76	Gasoline Service Stations
1986	TODDS UNION 76	Gasoline Service Stations
1987	TODDS UNION 76	Gasoline Service Stations
1988	TODDS UNION 76	Gasoline Service Stations
1989	TODDS UNION 76	Gasoline Service Stations

AU184 **LEWIS AMOCO** **EDR Hist Auto** **1020285204**
Target **420 CHURCH ST** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 5 in cluster AU

Actual: EDR Hist Auto
38 ft.

Focus Map:
14

Year:	Name:	Type:
1999	LEWIS AMOCO	Gasoline Service Stations
2000	LEWIS AMOCO	Gasoline Service Stations
2002	LEWIS AMOCO	Gasoline Service Stations
2003	LEWIS AMOCO	Gasoline Service Stations
2004	LEWIS AMOCO	Gasoline Service Stations
2005	LEWIS AMOCO	Gasoline Service Stations
2006	LEWIS AMOCO	Gasoline Service Stations
2007	LEWIS AMOCO	Gasoline Service Stations

AT185 **DERWOODS** **GWCI** **U003628699**
Target **HWY 378 & 501** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AT

Actual: SC GWIC:
38 ft.

Focus Map:
14

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05143
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

DERWOODS (Continued) **U003628699**

Remarks: Site ID # 05143. RBCA Classification 3BF5. Inactive.

186
Target
Property

PYA MONARCH INC
HWY 501 E
CONWAY, SC 29526

ECHO **1016274691**
N/A

Actual:
31 ft.

Focus Map:
14

ECHO:
Envid: 1016274691
Registry ID: 110008565490
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008565490
Name: PYA MONARCH INC
Address: HWY 501 E
City,State,Zip: CONWAY, SC 29526

AU187
Target
Property

LIVE OAK TEXACO STATION
601 HWY 501 WEST
CONWAY, SC 29526

EDR Hist Auto **1020202488**
N/A

Site 4 of 5 in cluster AU

Actual:
35 ft.

Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1970	LIVE OAK TEXACO STATION	Gasoline Service Stations
1971	LIVE OAK TEXACO STATION	Gasoline Service Stations
1986	501 EXXON	Gasoline Service Stations
1987	501 EXXON	Gasoline Service Stations
1988	501 EXXON	Gasoline Service Stations
1989	501 EXXON	Gasoline Service Stations
1990	501 EXXON	Gasoline Service Stations
1991	501 EXXON	Gasoline Service Stations
1992	501 EXXON	Gasoline Service Stations
1993	501 EXXON	Gasoline Service Stations
1994	501 EXXON	Gasoline Service Stations
1995	501 EXXON	Gasoline Service Stations

AU188
Target
Property

HUCKS JOHN F A
HWY 501 & 378
CONWAY, SC 29526

EDR Hist Auto **1021147968**
N/A

Site 5 of 5 in cluster AU

Actual:
35 ft.

Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1969	JORDAN JULIAN	Gasoline Service Stations
1969	MARTINS PURE OIL SERVICE STN	Gasoline Service Stations
1970	JORDAN JULIAN	Gasoline Service Stations
1970	MARTINS PURE OIL SERVICE STN	Gasoline Service Stations
1971	JORDAN JULIAN	Gasoline Service Stations
1975	HUCKS JOHN F A	Gasoline Service Stations
1976	HUCKS JOHN F A	Gasoline Service Stations
1977	HUCKS JOHN F A	Gasoline Service Stations
1978	HUCKS JOHN F A	Gasoline Service Stations
1979	HUCKS JOHN F A	Gasoline Service Stations

HUCKS JOHN F A (Continued) **1021147968**

1980	HUCKS JOHN F A	Gasoline Service Stations
1986	CITY RADIATOR & AUT	Automotive Repair Shops, NEC
1987	CITY RADIATOR & AUT	Automotive Repair Shops, NEC
1988	CITY RADIATOR & AUT	Automotive Repair Shops, NEC

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189 **LEWIS CITGO** **EDR Hist Auto** **1020742539**
Target **420 WRIGHT BLVD** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
35 ft.

Focus Map:
14

Year:	Name:	Type:
1994	LEWIS DERWOOD UNION	Gasoline Service Stations
1995	LEWIS DERWOOD UNION	Gasoline Service Stations
1996	LEWIS CITGO	Gasoline Service Stations
1997	LEWIS CITGO	Gasoline Service Stations
1998	LEWIS CITGO	Gasoline Service Stations
1999	LEWIS CITGO	Gasoline Service Stations
2000	LEWIS AAMCO	Gasoline Service Stations
2001	LEWIS AAMCO	Gasoline Service Stations
2002	LEWIS AAMCO	Gasoline Service Stations
2003	LEWIS AAMCO	Gasoline Service Stations

AV190 **HORRY COUNTY POLICE DEPT** **LUST** **U003558098**
Target **2ND AVE** **UST** **N/A**
Property **CONWAY, SC**

Site 1 of 2 in cluster AV

Actual:
19 ft.

Focus Map:
14

LUST:

Name:	HORRY COUNTY POLICE DEPT
Address:	2ND AVE
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05085
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HORRY COUNTY
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/15/1999
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILSONRL
Cleanup Initiated Date:	03/20/1992
Prefix:	Not reported
Total Score:	0

HORRY COUNTY POLICE DEPT (Continued) **U003558098**

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	07/15/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	HORRY COUNTY
RP Address:	2560 N MAIN ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2BB
Project Manager:	WILSON, RODNEY L
Release Fin Type Code:	WS

UST:

Name:	HORRY COUNTY POLICE DEPT
Address:	2ND AVE
City:	CONWAY
Facility ID:	05085
Permit:	N 05085
Owner:	HORRY COUNTY
Owner Address:	2560 N MAIN ST
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-915-5160
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10
Name:	HORRY COUNTY POLICE DEPT
Address:	2ND AVE
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	18000
Product:	Gasoline
Calcage:	10

---

191 **SANTEE COOPER DISTRICT OPERATIONS** **UST** **U003524857**
Target **103 LAUREL ST** **N/A**
Property **CONWAY, SC**

Actual:
13 ft.

Focus Map:
14

UST:

Name:	SANTEE COOPER DISTRICT OPERATIONS
Address:	103 LAUREL ST
City:	CONWAY
Facility ID:	05039
Permit:	N 05039
Owner:	SANTEE COOPER
Owner Address:	PO BOX 2946101
Owner City, st, zip:	MONCKS CORNER SC 29461-6101

SANTEE COOPER DISTRICT OPERATIONS (Continued) **U003524857**

Owner Phone: 843-761-8000

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: Not reported

AV192 **HORRY COUNTY TECHNOLOGY CENTER** **UST** **U003286303**
Target **103 ELM ST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster AV

Actual:
17 ft.
Focus Map:
14

UST:
Name: HORRY COUNTY TECHNOLOGY CENTER
Address: 103 ELM ST
City: CONWAY
Facility ID: 12709
Permit: P 12709
Owner: HORRY COUNTY
Owner Address: 2560 N MAIN ST
Owner City, st, zip: CONWAY SC 29526
Owner Phone: 843-915-5160

Tank ID: 1
Status: **Currently in Use**
Capacity: 2000
Product: Diesel fuel
Calcage: 0

AW193 **SUNSHINE CONVENIENCE MART** **GWCI** **U003754898**
Target **1600 4TH AVE** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 4 in cluster AW

Actual:
29 ft.
Focus Map:
14

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 10932
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False

SUNSHINE CONVENIENCE MART (Continued) **U003754898**

Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: No
Monitoring: Yes
Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 10932. RBCA Classification 3BC6. Contacted.

AW194 **CAPPS SERVICE STATION** **UST** **U004256104**
Target **1600 4TH AVE** **N/A**
Property **CONWAY, SC**

Site 2 of 4 in cluster AW

Actual:
29 ft.
Focus Map:
14

UST:
Name: CAPPS SERVICE STATION
Address: 1600 4TH AVE
City: CONWAY
Facility ID: 05243
Permit: N 05243
Owner: CAUSEY & LONG OIL CO
Owner Address: PO BOX 594
Owner City, st, zip: CONWAY SC 29526-0594
Owner Phone: 843-248-9103

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: CAPPS SERVICE STATION
Address: 1600 4TH AVE
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 2000
Product: Gasoline
Calcage: Not reported

AW195 **CAPPS WRECKER SERVICE** — **EDR Hist Auto** — **1020257882**
Target **1600 4TH AVE** — **N/A**
Property **CONWAY, SC 29526**

Site 3 of 4 in cluster AW

Actual: **29 ft.**
Focus Map: **14**

EDR Hist Auto

Year:	Name:	Type:
1969	TOMMYS ESSO	Gasoline Service Stations
1970	TOMMYS ESSO	Gasoline Service Stations
1971	TOMMYS ESSO	Gasoline Service Stations
1987	CAPPS WRECKER SERVICE	Automotive Services, NEC
1988	CAPPS WRECKER SERVICE	Automotive Services, NEC

AW196 **4 WAY FUEL** — **LUST** — **U004253514**
Target **1600 4TH AVE** — **UST** — **N/A**
Property **CONWAY, SC**

Site 4 of 4 in cluster AW

Actual: **29 ft.**
Focus Map: **14**

LUST:

Name:	4 WAY FUEL
Address:	1600 4TH AVE
City,State,Zip:	CONWAY, SC 29526-5000
Release Number:	2
Facility ID:	10932
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	KAUR, SURINDER
Tank Owner Last Name:	KAUR
Tank Owner First name:	SURINDER
NFA Date:	Not reported
Tank Owner City:	CONWAY
Confirmed Date:	06/04/2004
Release Date:	05/20/2004
EID:	7098951
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BC
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	4 WAY FUEL
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	06/04/2004
Prefix:	P
Total Score:	81

LUST:

Release Date:	05/20/2004
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.669
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	06/04/2004
RP Name:	BARKER
RP Address:	1512 LAKELAND DR
RP City:	CONWAY
RP State:	SC

4 WAY FUEL (Continued) **U004253514**

RP Zip: 29526
SCRBCA Class Code: CLASS3BC
Project Manager: SHRADER, ART A
Release Fin Type Code: W25

UST:

Name: 4 WAY FUEL
Address: 1600 4TH AVE
City: CONWAY
Facility ID: 10932
Permit: P 10932
Owner: KAUR, SURINDER
Owner Address: 4062 HWY 378
Owner City, st, zip: CONWAY SC 29527
Owner Phone: 843-484-0186

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: 4 WAY FUEL
Address: 1600 4TH AVE
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 6000
Product: Diesel fuel
Calcage: 0

Name: 4 WAY FUEL
Address: 1600 4TH AVE
City: CONWAY

Tank ID: 3
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline Super/Prem
Calcage: 0

Name: 4 WAY FUEL
Address: 1600 4TH AVE
City: CONWAY

Tank ID: 4
Status: **Currently in Use**
Capacity: 1000
Product: Gasoline
Calcage: 0

AX197	**THE COAST RTA**	**LUST**	**U003628304**
Target	**1418 THIRD AVE**	**UST**	**N/A**
Property	**CONWAY, SC**		

Site 1 of 2 in cluster AX

Actual:
25 ft.

Focus Map:
14

LUST:

Name:	THE COAST RTA
Address:	1418 THIRD AVE
City,State,Zip:	CONWAY, SC 29526-5004
Release Number:	1
Facility ID:	11074
Release Status Number:	8
Substance:	PETROL
Tank Owner Company Name:	WACCAMAW REGIONAL TRAN07/05/05
Tank Owner Last Name:	WACCAMAW REGIONAL TRANSPORTATION AUTHORITY
Tank Owner First name:	Not reported
NFA Date:	05/28/2008
Tank Owner City:	CONWAY
Confirmed Date:	09/22/2005
Release Date:	Not reported
EID:	15145454
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	WI
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	THE COAST RTA
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	09/22/2005
Prefix:	P
Total Score:	1

LUST:

Release Date:	07/05/2005
Cleanup Complete Date:	05/28/2008
Depth to Ground Water:	2.390
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/22/2005
RP Name:	WACCAMAW REGIONAL TRANSPORTATION AUTHORITY
RP Address:	1418 THIRD AVE
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-5004
SCRBCA Class Code:	CLASS5B
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WI

UST:

Name:	THE COAST RTA
Address:	1418 THIRD AVE
City:	CONWAY
Facility ID:	11074
Permit:	P 11074
Owner:	WACCAMAW REGIONAL TRANSPORTATION AUTHORITY
Owner Address:	1418 THIRD AVE

THE COAST RTA (Continued) **U003628304**

Owner City, st, zip: CONWAY SC 29526-5004
Owner Phone: 843-488-0865

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: THE COAST RTA
Address: 1418 THIRD AVE
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Diesel fuel
Calcage: 0

AX198 **HUNTER AUTO SALES INC** **EDR Hist Auto** **1021316360**
Target **1418 THIRD AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AX

Actual: EDR Hist Auto
25 ft.

Focus Map:
14

Year:	Name:	Type:
1971	HUNTER AUTO SALES INC	New And Used Car Dealers
1972	HUNTER AUTO SALES INC	Gasoline Service Stations
1973	HUNTER AUTO SALES INC	New And Used Car Dealers
1974	HUNTER AUTO SALES INC	New And Used Car Dealers
1975	HUNTER AUTO SALES INC	New And Used Car Dealers
1976	HUNTER AUTO SALES INC	New And Used Car Dealers
1977	HUNTER AUTO SALES INC	New And Used Car Dealers

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199 **CONWAY AUTO PARTS INC** **ECHO** **1016185132**
Target **1401 THIRD AVE** **N/A**
Property **CONWAY, SC 29526**

Actual:
22 ft.

Focus Map:
14

ECHO:
Envid: 1016185132
Registry ID: 110002248167
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002248167
Name: CONWAY AUTO PARTS INC
Address: 1401 THIRD AVE
City,State,Zip: CONWAY, SC 29526

200 **Target** **Property**	**HORRY COUNTY GOVERNMENT & JUSTICE CENTER** **1301 2ND AVE** **CONWAY, SC**	**LUST** **UST**	**U003988167** **N/A**

Actual:
20 ft.

Focus Map:
14

LUST:

Name:	HORRY COUNTY GOVERNMENT & JUSTIC
Address:	1301 2ND AVE
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	12522
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	HORRY COUNTY
Tank Owner Last Name:	HORRY COUNTY
Tank Owner First name:	Not reported
NFA Date:	11/20/1998
Tank Owner City:	CONWAY
Confirmed Date:	03/20/1992
Release Date:	12/30/1991
EID:	1771093
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	HORRY COUNTY GOVERNMENT & JUSTICE CENTER
Local Fac First Name:	Not reported
User Name:	WILSONRL
Cleanup Initiated Date:	03/20/1992
Prefix:	N
Total Score:	0

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	11/20/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	HORRY COUNTY
RP Address:	2560 N MAIN ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS2BB
Project Manager:	WILSON, RODNEY L
Release Fin Type Code:	WS

UST:

Name:	HORRY COUNTY GOVERNMENT & JUSTICE CENTER
Address:	1301 2ND AVE
City:	CONWAY
Facility ID:	12522
Permit:	N 12522
Owner:	HORRY COUNTY
Owner Address:	2560 N MAIN ST
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-915-5160

HORRY COUNTY GOVERNMENT & JUSTICE CENTER (Continued) **U003988167**

Tank ID: 1
Status: **Abandoned**
Capacity: Not reported
Product: Gasoline
Calcage: 25

Name: HORRY COUNTY GOVERNMENT & JUSTICE CENTER
Address: 1301 2ND AVE
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 2000
Product: Diesel fuel
Calcage: Not reported

AY201
Target
Property

VILLAGE GROCERY
4TH AVE EXT
CONWAY, SC

UST **U003629977**
N/A

Site 1 of 2 in cluster AY

Actual:
33 ft.
Focus Map:
14

UST:
Name: VILLAGE GROCERY
Address: 4TH AVE EXT
City: CONWAY
Facility ID: 15195
Permit: U 15195
Owner: DUNN, OTIS
Owner Address: PO BOX 697
Owner City, st, zip: MURRELLS INLET SC 29576-0697
Owner Phone: 803-651-5726

Tank ID: 1
Status: **Last used before 1974 and empty**
Capacity: 1000
Product: Gasoline
Calcage: 5

Name: VILLAGE GROCERY
Address: 4TH AVE EXT
City: CONWAY

Tank ID: 2
Status: **Last used before 1974 and empty**
Capacity: 1000
Product: Gasoline
Calcage: 5

AY202 **SPORTSMANS CORNER** **EDR Hist Auto** **1021770729**
Target **1528 4TH AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AY

Actual:
28 ft.

Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1970	SPORTSMANS CORNER	Gasoline Service Stations
1971	SPORTSMANS CORNER	Liquor Stores
1972	SPORTSMANS CORNER	Liquor Stores

AZ203 **CONWAY CLEANERS** **RCRA-VSQG** **1000435675**
Target **1510 3RD AVE** **SHWS** **SCD981866072**
Property **CONWAY, SC 29526** **ECHO**
DRYCLEANERS

Site 1 of 2 in cluster AZ

Actual:
23 ft.

Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2002-01-29 00:00:00.0
Handler Name:	CONWAY CLEANERS
Handler Address:	1510 3RD AVENUE
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD981866072
Contact Name:	BRANDON CRICK
Contact Address:	1510 3RD AVENUE
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-248-6006
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	3RD AVENUE
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	KLEAN & KRISP INC
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

CONWAY CLEANERS (Continued) **1000435675**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

CONWAY CLEANERS (Continued) **1000435675**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KLEAN & KRISP INC
Legal Status:	Private
Date Became Current:	2000-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1510 3RD AVE
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-6006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-01-27 00:00:00.0
Handler Name:	CONWAY CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CONWAY CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

CONWAY CLEANERS (Continued) **1000435675**

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1987-12-14 00:00:00.0
Actual Return to Compliance Date:	1988-06-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

CONWAY CLEANERS (Continued) **1000435675**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CONWAY CLEANERS (Continued) **1000435675**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

CONWAY CLEANERS (Continued) **1000435675**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CONWAY CLEANERS (Continued) **1000435675**

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

CONWAY CLEANERS (Continued) **1000435675**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1987-12-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1988-06-27 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-01-29 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-03-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

CONWAY CLEANERS (Continued) **1000435675**

Former Citation:	Not reported
Evaluation Date:	1991-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-02-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-07-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

CONWAY CLEANERS (Continued) **1000435675**

Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	CONWAY CLEANERS
Address:	1510 THIRD AVE
City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCDRY0052725

ECHO:

Envid:	1000435675
Registry ID:	110002248176
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248176
Name:	CONWAY CLEANERS
Address:	1510 3RD AVE
City,State,Zip:	CONWAY, SC 29526

Drycleaners:

BLWM Number:	52725
Rank:	III
Priority Group Explanation:	III

AZ204 **CONWAY CLEANERS INC** **EDR Hist Cleaner** **1018745923**
Target **1510 3RD AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster AZ

Actual:
23 ft.

EDR Hist Cleaner

Focus Map:
14

Year:	Name:	Type:
1988	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1989	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1990	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1991	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1992	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1993	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1994	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1995	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1996	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1997	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1998	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
1999	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2000	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2001	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2002	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2003	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2004	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs

CONWAY CLEANERS INC (Continued) **1018745923**

2005	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2006	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2007	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2008	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2009	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2010	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2011	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2012	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2013	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs
2014	CONWAY CLEANERS INC	Drycleaning Plants, Except Rugs

BA205 **MELLOW BUTTERCUP ICE CREAM** **LUST** **U004000944**
Target **1620 4TH AVE** **UST** **N/A**
Property **CONWAY, SC**

Site 1 of 2 in cluster BA

Actual:
27 ft.

Focus Map:
14

LUST:

Name:	MELLOW BUTTERCUP ICE CREAM
Address:	1620 4TH AVE
City,State,Zip:	CONWAY, SC 29526-5000
Release Number:	1
Facility ID:	04908
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MELLOW BUTTERCUP ICE CR
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	12/10/1990
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/05/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILSONKA
Cleanup Initiated Date:	12/05/1990
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	MELLOW BUTTERCUP ICE CREAM
Address:	1620 4TH AVE
City:	CONWAY
Facility ID:	04908
Permit:	N 04908
Owner:	MELLOW BUTTERCUP ICE CREAM
Owner Address:	1620 4TH AVE
Owner City, st, zip:	CONWAY SC 29526-5000
Owner Phone:	Not reported

Tank ID:	1

MELLOW BUTTERCUP ICE CREAM (Continued) **U004000944**

Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

BB206 **COLUMBIA SUPPLY CO** **UST** **U003520408**
Target **1509 THIRD AVE** **N/A**
Property **CONWAY, SC**

Site 1 of 3 in cluster BB

Actual:
20 ft.

Focus Map:
14

UST:

Name:	COLUMBIA SUPPLY CO
Address:	1509 THIRD AVE
City:	CONWAY
Facility ID:	12682
Permit:	N 12682
Owner:	COMMERCIAL REALTY CORP OF SC
Owner Address:	PO BOX 961
Owner City, st, zip:	COLUMBIA SC 29202-0961
Owner Phone:	803
Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Diesel fuel
Calcage:	Not reported

BB207 **LEES DISCOUNT TIRE CENTER** **EDR Hist Auto** **1021030548**
Target **1501 3RD AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster BB

Actual:
18 ft.

Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1969	LEE J ARCHIE	Gasoline Service Stations
1970	LEE J ARCHIE	Gasoline Service Stations
1973	LEE J ARCHIE	Gasoline Service Stations
1974	LEE J ARCHIE	Gasoline Service Stations
1975	LEE J ARCHIE	Gasoline Service Stations
1986	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1987	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1988	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1989	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1990	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1991	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1992	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1993	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1994	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1995	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
2002	LEES DISCOUNT TIRE CENTER	Auto And Home Supply Stores
2003	LEES DISCOUNT TIRE CENTER	Auto And Home Supply Stores
2008	LEES DISCOUNT TIRE CENTER	Auto And Home Supply Stores

BB208	**LEES DISCOUNT CENTER**	**LUST**	**U001014435**
Target	**1501 3RD AVE**	**UST**	**N/A**
Property	**CONWAY, SC**	**GWCI**	

Site 3 of 3 in cluster BB

Actual:
18 ft.

Focus Map:
14

LUST:

Name:	LEES DISCOUNT CENTER
Address:	1501 3RD AVE
City,State,Zip:	CONWAY, SC 29526-5013
Release Number:	2
Facility ID:	05213
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	LONG, FRANKLIN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/13/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/31/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DOLLCS
Cleanup Initiated Date:	03/23/1992
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.350
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	LONG
RP Address:	623 PLANTATION CIR
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-6510
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	LEES DISCOUNT CENTER
Address:	1501 3RD AVE
City:	CONWAY
Facility ID:	05213
Permit:	N 05213
Owner:	LONG, FRANKLIN J
Owner Address:	623 PLANTATION CIR

LEES DISCOUNT CENTER (Continued) **U001014435**

Owner City, st, zip:	CONWAY SC 29526-6510
Owner Phone:	Not reported
Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	25
Name:	LEES DISCOUNT CENTER
Address:	1501 3RD AVE
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	25
Name:	LEES DISCOUNT CENTER
Address:	1501 3RD AVE
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	25
Name:	LEES DISCOUNT CENTER
Address:	1501 3RD AVE
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15
Name:	LEES DISCOUNT CENTER
Address:	1501 3RD AVE
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05213
WPC Permit:	Not reported
Program:	DUST

LEES DISCOUNT CENTER (Continued) **U001014435**

Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05213. RBCA Classification 3BF8. Awaiting Funding.

BA209 **HORRY CLEANERS** **EDR Hist Cleaner** **1020006667**
Target **1613 4TH AVE** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster BA

Actual: EDR Hist Cleaner
23 ft.

Focus Map:
14

Year:	Name:	Type:
1992	HORRY CLEANERS	Drycleaning Plants, Except Rugs
1993	HORRY CLEANERS	Drycleaning Plants, Except Rugs
1994	HORRY CLEANERS	Drycleaning Plants, Except Rugs
1995	HORRY CLEANERS	Drycleaning Plants, Except Rugs
1996	HUGHES J O	Drycleaning Plants, Except Rugs
1997	HUGHES J O	Drycleaning Plants, Except Rugs
1998	HUGHES J O	Drycleaning Plants, Except Rugs
1999	HUGHES J O	Drycleaning Plants, Except Rugs
2000	HUGHES J O	Drycleaning Plants, Except Rugs
2001	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2002	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2002	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2003	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2003	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2004	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2004	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2005	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2005	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2006	HORRY CLEANERS	Drycleaning Plants, Except Rugs

HORRY CLEANERS (Continued) **1020006667**

2006	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2007	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2007	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2008	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2008	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2009	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2009	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2010	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2010	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2011	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2011	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2012	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2012	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2013	HORRY CLEANERS	Drycleaning Plants, Except Rugs
2013	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2014	RIVERTOWN CLEANERS	Drycleaning Plants, Except Rugs
2014	HORRY CLEANERS	Drycleaning Plants, Except Rugs

BC210 **FORMER CONWAY MAINTENANCE** **GWCI** **U003521383**
Target **301 SMITH ST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster BC

Actual:
18 ft.
Focus Map:
14

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05076
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes

FORMER CONWAY MAINTENANCE (Continued) **U003521383**

Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05076. RBCA Classification 3BD3. Monitored Natural Attenuation.

BC211 **SC DEPT OF TRANSPORTATION CONWAY MAINTENEANCE SHOP** **LUST** **U004256047**
Target **301 SMITH ST** **UST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster BC

Actual:
18 ft.

Focus Map:
14

LUST:

Name:	FORMER CONWAY MAINTENANCE FAC
Address:	301 SMITH ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05076
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SC DEPARTMENT OF TRANSP01/05/88
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/27/2001
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PADGETJP
Cleanup Initiated Date:	01/05/1988
Prefix:	Not reported
Total Score:	6

LUST:

Release Date:	01/05/1988
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	01/05/1988
RP Name:	SC DEPARTMENT OF TRANSPORTATION
RP Address:	PO BOX 191
RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BD
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	DS

Release Date:	01/05/1988
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5

SC DEPT OF TRANSPORTATION CONWAY MAINTENEANCE SHOP (Continued) **U004256047**

Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	01/05/1988
RP Name:	SCDOT
RP Address:	PO BOX 191
RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BD
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	DS

UST:

Name:	FORMER CONWAY MAINTENANCE FAC
Address:	301 SMITH ST
City:	CONWAY
Facility ID:	05076
Permit:	N 05076
Owner:	SC DEPARTMENT OF TRANSPORTATION
Owner Address:	PO BOX 191
Owner City, st, zip:	COLUMBIA SC 29202-0191
Owner Phone:	803-786-0128

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5

Name:	FORMER CONWAY MAINTENANCE FAC
Address:	301 SMITH ST
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	9000
Product:	Gasoline
Calcage:	15

Name:	FORMER CONWAY MAINTENANCE FAC
Address:	301 SMITH ST
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15

Name:	FORMER CONWAY MAINTENANCE FAC
Address:	301 SMITH ST
City:	CONWAY

Tank ID:	4
Status:	**Abandoned**
Capacity:	3000

SC DEPT OF TRANSPORTATION CONWAY MAINTENEANCE SHOP (Continued) **U004256047**

Product: Gasoline
Calcage: 25

Name: FORMER CONWAY MAINTENANCE FAC
Address: 301 SMITH ST
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 25

Name: FORMER CONWAY MAINTENANCE FAC
Address: 301 SMITH ST
City: CONWAY

Tank ID: 6
Status: **Abandoned**
Capacity: 10000
Product: Diesel fuel
Calcage: 5

Name: FORMER CONWAY MAINTENANCE FAC
Address: 301 SMITH ST
City: CONWAY

Tank ID: 7
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 25

Name: SC DEPT OF TRANSPORTATION CONWAY MAINTENEANCE SHOP
Address: 301 SMITH ST
City: CONWAY

Tank ID: Not reported
Status: **Not reported**
Capacity: Not reported
Product: Not reported
Calcage: Not reported

BD212 **CONWAY CITY MARINA** **UST** **U003714774**
Target **4 ELM ST** **N/A**
Property **CONWAY, SC**

Site 1 of 2 in cluster BD

Actual:
4 ft.
Focus Map:
14

UST:
Name: CONWAY CITY MARINA
Address: 4 ELM ST
City: CONWAY
Facility ID: 11659
Permit: P 11659
Owner: CONWAY CITY OF
Owner Address: PO BOX 1075
Owner City, st, zip: CONWAY SC 29528-1075

CONWAY CITY MARINA (Continued) **U003714774**

Owner Phone: 843-248-1770

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: CONWAY CITY MARINA
Address: 4 ELM ST
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 3000
Product: Gasoline
Calcage: 0

BD213 **CONWAY CITY MARINA** **LUST** **S126116415**
Target **4 ELM ST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster BD

Actual:
4 ft.
Focus Map:
14

LUST:

Name:	CONWAY CITY MARINA
Address:	4 ELM ST
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	11659
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	CONWAY CITY OF
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/28/2020
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/18/2020
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	02/28/2020
Prefix:	Not reported
Total Score:	Not reported

214 Target Property	**NORTH AMERICAN INSTITUTE OF AVIATION 1700 AIRPORT RD CONWAY, SC 29527**	**RCRA-VSQG ECHO**	**1000835462 SCD987595352**

Actual: **30 ft.**

Focus Map: **12**

RCRA Listings:

Date Form Received by Agency:	2002-03-27 00:00:00.0
Handler Name:	NORTH AMERICAN INSTITUTE OF AVIATION
Handler Address:	1700 AIRPORT RD
Handler City,State,Zip:	CONWAY, SC 29527
EPA ID:	SCD987595352
Contact Name:	ROBERT SUNDAY
Contact Address:	1700 AIRPORT RD
Contact City,State,Zip:	CONWAY, SC 29527
Contact Telephone:	803-397-9111
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	AIRPORT RD
Mailing City,State,Zip:	CONWAY, SC 29527
Owner Name:	AVS INC JOSEPH F BRENNAN PRESIDENT
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

NORTH AMERICAN INSTITUTE OF AVIATION (Continued) **1000835462**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVS INC JOSEPH F BRENNAN PRESIDENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	155 GAITHER DR
Owner/Operator City,State,Zip:	MORRESTOWN, NJ 08057
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-10-11 00:00:00.0
Handler Name:	NORTH AMERICAN INSTITUTE OF AVIATION

NORTH AMERICAN INSTITUTE OF AVIATION (Continued) **1000835462**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	NORTH AMERICAN INSTITUTE OF AVIATION
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

NORTH AMERICAN INSTITUTE OF AVIATION (Continued) **1000835462**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-07-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000835462
Registry ID:	110002193787
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193787
Name:	NUMBER AMERICAN INST OF AVIATION
Address:	1700 AIRPORT RD
City,State,Zip:	CONWAY, SC 29527

---

215 **GSW&SA/CONWAY WWTP** **ECHO** **1004595141**
Target **1700 NEW ROAD** **N/A**
Property **CONWAY, SC 29527**

Actual:
14 ft.

Focus Map:
14

ECHO:

Envid:	1004595141
Registry ID:	110006623243
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006623243
Name:	GSW&SA/CONWAY WWTP
Address:	1700 NEW ROAD
City,State,Zip:	CONWAY, SC 29527

---

216 **CONWAY HORRY COUNTY AIRPORT** **LUST** **U003520474**
Target **US HWY 378** **UST** **N/A**
Property **CONWAY, SC**

Actual:
29 ft.

Focus Map:
12

LUST:

Name:	CONWAY HORRY COUNTY AIRPORT
Address:	US HWY 378
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05037

CONWAY HORRY COUNTY AIRPORT (Continued) **U003520474**

Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HORRY COUNTY AIRPORT CO
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/01/1995
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	10/05/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILSONKA
Cleanup Initiated Date:	01/05/1993
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	01/29/1993
Cleanup Complete Date:	03/24/2004
Depth to Ground Water:	1
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	02/11/1993
RP Name:	HORRY COUNTY AIRPORT COMMISSION
RP Address:	1100 JET PORT RD
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS4BC
Project Manager:	MINER, READ S
Release Fin Type Code:	DS

Name:	CONWAY HORRY COUNTY AIRPORT
Address:	US HWY 378
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	05037
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HORRY COUNTY AIRPORT CO
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/24/2004
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/29/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported

CONWAY HORRY COUNTY AIRPORT (Continued) **U003520474**

Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MINERRS
Cleanup Initiated Date:	02/11/1993
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	01/29/1993
Cleanup Complete Date:	03/24/2004
Depth to Ground Water:	1
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	02/11/1993
RP Name:	HORRY COUNTY AIRPORT COMMISSION
RP Address:	1100 JET PORT RD
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS4BC
Project Manager:	MINER, READ S
Release Fin Type Code:	DS

UST:

Name:	CONWAY HORRY COUNTY AIRPORT
Address:	US HWY 378
City:	CONWAY
Facility ID:	05037
Permit:	N 05037
Owner:	HORRY COUNTY AIRPORT COMMISSION
Owner Address:	1100 JET PORT RD
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-448-1580

Tank ID:	1
Status:	**Abandoned**
Capacity:	5000
Product:	Gasoline
Calcage:	20

Name:	CONWAY HORRY COUNTY AIRPORT
Address:	US HWY 378
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	5000
Product:	Gasoline
Calcage:	20

Name:	CONWAY HORRY COUNTY AIRPORT
Address:	US HWY 378
City:	CONWAY

Tank ID:	3

CONWAY HORRY COUNTY AIRPORT (Continued) **U003520474**

Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10
Name:	CONWAY HORRY COUNTY AIRPORT
Address:	US HWY 378
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

---

217 **SANTEE COOPER** **UST** **U003524849**
Target **HWY 501 BYPASS** **N/A**
Property **CONWAY, SC**

Actual:
5 ft.
Focus Map:
14

UST:

Name:	SANTEE COOPER
Address:	HWY 501 BYPASS
City:	CONWAY
Facility ID:	04899
Permit:	N 04899
Owner:	SANTEE COOPER
Owner Address:	PO BOX 2946101
Owner City, st, zip:	MONCKS CORNER SC 29461-6101
Owner Phone:	843-761-8000
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

---

218 **SANTEE COOPER - GRAINGER SF** **SWF/LF** **S118290004**
Target **N/A**
Property **HORRY (County), SC**

Actual:
7 ft.
Focus Map:
14

LF:

Name:	SANTEE COOPER - GRAINGER SF
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	Not reported
Facility ID:	SF-00147
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Structural Fill
GW Mod Reqd:	N
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach

SANTEE COOPER - GRAINGER SF (Continued) **S118290004**

Total Capacity: Not reported
Status: Not Active
Class: Not reported
UTM-E: 680190.56359999999
UTM-N: 3744569.18781
Contact Name: Not reported
Contact Phone: Not reported

---

219 **JAMESTOWN LAUNDROMAT** **LUST** **U004017587**
Target **2605 4TH AVE HWY 701 S** **UST** **N/A**
Property **CONWAY, SC**

Actual:
30 ft.

Focus Map:
13

LUST:

Name: JAMESTOWN LAUNDROMAT
Address: 2605 4TH AVE HWY 701 S
City,State,Zip: CONWAY, SC 29526
Release Number: 1
Facility ID: 14250
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: TIMBES & CO
Tank Owner Last Name: TIMBES & CO
Tank Owner First name: Not reported
NFA Date: 01/13/1993
Tank Owner City: CONWAY
Confirmed Date: 12/23/1991
Release Date: 12/23/1991
EID: 1778309
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: UNK
Qualified: Not reported
Release Source: UST
Local Fac Last Name: JAMESTOWN LAUNDROMAT
Local Fac First Name: Not reported
User Name: STOUDEDW
Cleanup Initiated Date: 12/23/1991
Prefix: U
Total Score: Not reported

UST:

Name: JAMESTOWN LAUNDROMAT
Address: 2605 4TH AVE HWY 701 S
City: CONWAY
Facility ID: 14250
Permit: U 14250
Owner: TIMBES & CO
Owner Address: PO BOX 826
Owner City, st, zip: CONWAY SC 29526-0826
Owner Phone: 803-347-3030

Tank ID: 1
Status: **Last used before 1974 and empty**
Capacity: Not reported
Product: Unknown
Calcage: 20

JAMESTOWN LAUNDROMAT (Continued) **U004017587**

Name:	JAMESTOWN LAUNDROMAT
Address:	2605 4TH AVE HWY 701 S
City:	CONWAY

Tank ID:	2
Status:	**Last used before 1974 and empty**
Capacity:	Not reported
Product:	Unknown
Calcage:	20

BE220 **TIDEWATER HUNTING & FISHING** **LUST** **U003525942**
Target **2702 4TH AVE** **UST** **N/A**
Property **CONWAY, SC**

Site 1 of 6 in cluster BE

Actual:
34 ft.

Focus Map:
13

LUST:

Name:	TIDEWATER HUNTING & FISHING
Address:	2702 4TH AVE
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05118
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	JERRY COX COMPANY
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/18/1992
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	11/30/1990
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	06/23/1992
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	TIDEWATER HUNTING & FISHING
Address:	2702 4TH AVE
City:	CONWAY
Facility ID:	05118
Permit:	N 05118
Owner:	JERRY COX COMPANY
Owner Address:	PO BOX 89
Owner City, st, zip:	CONWAY SC 29528-0089
Owner Phone:	843-248-2227

Tank ID:	1
Status:	**Abandoned**

TIDEWATER HUNTING & FISHING (Continued) **U003525942**

Capacity:	8000
Product:	Gasoline
Calcage:	Not reported
Name:	TIDEWATER HUNTING & FISHING
Address:	2702 4TH AVE
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	Not reported

BE221 **TIDEWATER HUNTING & FISHING** **UST** **U004254731**
Target **2702 4TH AVE** **N/A**
Property **CONWAY, SC**

Site 2 of 6 in cluster BE

Actual:
34 ft.
Focus Map:
13

UST:

Name:	TIDEWATER HUNTING & FISHING
Address:	2702 4TH AVE
City:	CONWAY
Facility ID:	16973
Permit:	N 16973
Owner:	JERRY COX COMPANY
Owner Address:	PO BOX 89
Owner City, st, zip:	CONWAY SC 29528-0089
Owner Phone:	843-248-2227
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

---

222 **CITY OF CONWAY DUMP** **SWF/LF** **S108237926**
Target **N/A**
Property **HORRY (County), SC**

Actual:
15 ft.
Focus Map:
14

LF:

Name:	CITY OF CONWAY DUMP
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	Not reported
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	MSW
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee

CITY OF CONWAY DUMP (Continued) **S108237926**

EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	679411.9375
UTM-N:	3744458.75
Contact Name:	Not reported
Contact Phone:	Not reported

BE223 Target Property
JAMESTOWN GROCERY
2705 FOURTH ST
CONWAY, SC 29526

EDR Hist Auto **1020284905** **N/A**

Site 3 of 6 in cluster BE

Actual: 32 ft.
Focus Map: 13

EDR Hist Auto

Year:	Name:	Type:
1971	JAMESTOWN GROCERY	Grocery Stores
1972	JAMESTOWN GROCERY	Grocery Stores

BE224 Target Property
JAMESTOWN GROCERY
2703 4TH AVE
CONWAY, SC

LUST **UST** **U003628844** **N/A**

Site 4 of 6 in cluster BE

Actual: 32 ft.
Focus Map: 13

LUST:

Name:	JAMESTOWN GROCERY
Address:	2703 4TH AVE
City,State,Zip:	CONWAY, SC 29527-5629
Release Number:	1
Facility ID:	05222
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MARLOW, EVAN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/26/1992
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/19/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	LONGKH
Cleanup Initiated Date:	10/25/1989
Prefix:	Not reported
Total Score:	Not reported

JAMESTOWN GROCERY (Continued) **U003628844**

UST:

Name:	JAMESTOWN GROCERY
Address:	2703 4TH AVE
City:	CONWAY
Facility ID:	05222
Permit:	P 05222
Owner:	MARLOW, EVAN CARLISE
Owner Address:	2703 4TH AVE
Owner City, st, zip:	CONWAY SC 29527-5629
Owner Phone:	803-374-4651
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported
Name:	JAMESTOWN GROCERY
Address:	2703 4TH AVE
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported
Name:	JAMESTOWN GROCERY
Address:	2703 4TH AVE
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported
Name:	JAMESTOWN GROCERY
Address:	2703 4TH AVE
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0
Name:	JAMESTOWN GROCERY
Address:	2703 4TH AVE
City:	CONWAY
Tank ID:	5
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	0

JAMESTOWN GROCERY (Continued) **U003628844**

Name: JAMESTOWN GROCERY
Address: 2703 4TH AVE
City: CONWAY

Tank ID: 6
Status: **Abandoned**
Capacity: 4000
Product: Gasoline Super/Prem
Calcage: 0

BE225 **JAMESTOWN GROCERY** **UST** **U004253946**
Target **2703 4TH AVE** **N/A**
Property **CONWAY, SC**

Site 5 of 6 in cluster BE

Actual:
32 ft.
Focus Map:
13

UST:
Name: JAMESTOWN GROCERY
Address: 2703 4TH AVE
City: CONWAY
Facility ID: 12591
Permit: P 12591
Owner: MARLOW, EVAN CARLISE
Owner Address: 2703 4TH AVE
Owner City, st, zip: CONWAY SC 29527-5629
Owner Phone: 803-374-4651

Tank ID: Not reported
Status: **Not reported**
Capacity: Not reported
Product: Not reported
Calcage: Not reported

BE226 **MARLOWE DEREK C** **EDR Hist Auto** **1020260381**
Target **2703 4TH AVE** **N/A**
Property **CONWAY, SC 29527**

Site 6 of 6 in cluster BE

Actual:
32 ft.
Focus Map:
13

EDR Hist Auto

Year:	Name:	Type:
1969	JAMESTOWN GROCERY	Grocery Stores
1970	JAMESTOWN GROCERY	Grocery Stores
1973	JAMESTOWN GROCERY	Grocery Stores
1974	JAMESTOWN GROCERY	Grocery Stores
1975	JAMESTOWN GROCERY	Grocery Stores
1976	JAMESTOWN GROCERY	Grocery Stores
1977	JAMESTOWN GROCERY	Grocery Stores
2008	MARLOWE DEREK C	Gasoline Service Stations

BF227 **Target** **Property**	**RAYS STATION** **2900 FOURTH AVE S** **CONWAY, SC**	**LUST** **UST** **GWCI**	**U003930810** **N/A**

Site 1 of 2 in cluster BF

Actual:
34 ft.

Focus Map:
13

LUST:

Name:	RAYS STATION
Address:	2900 FOURTH AVE S
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05186
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MCCANN CRYSTAL AND CHRI
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/02/2012
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/29/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	08/20/1990
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/29/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	6.259
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	08/20/1990
RP Name:	SPEEDWAY SUPERAMERICA LLC
RP Address:	500 SPEEDWAY DR
RP City:	ENON
RP State:	OH
RP Zip:	45323-1056
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Name:	RAYS STATION
Address:	2900 FOURTH AVE S
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	05186
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	MCCANN CRYSTAL AND CHRI
Tank Owner Last Name:	Not reported

RAYS STATION (Continued) **U003930810**

Tank Owner First name:	Not reported
NFA Date:	07/25/2013
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/04/2013
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	SHRADEAA
Cleanup Initiated Date:	01/22/2013
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/29/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	6.259
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	08/20/1990
RP Name:	SPEEDWAY SUPERAMERICA LLC
RP Address:	500 SPEEDWAY DR
RP City:	ENON
RP State:	OH
RP Zip:	45323-1056
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	RAYS STATION
Address:	2900 FOURTH AVE S
City:	CONWAY
Facility ID:	05186
Permit:	R 05186
Owner:	MCCANN CRYSTAL AND CHRIS
Owner Address:	2900 4TH AVE
Owner City, st, zip:	CONWAY SC 29527
Owner Phone:	843-997-0455

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5

Name:	RAYS STATION
Address:	2900 FOURTH AVE S
City:	CONWAY

Tank ID:	2

RAYS STATION (Continued) **U003930810**

Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5
Name:	RAYS STATION
Address:	2900 FOURTH AVE S
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5
Name:	RAYS STATION
Address:	2900 FOURTH AVE S
City:	CONWAY
Tank ID:	4
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0
Name:	RAYS STATION
Address:	2900 FOURTH AVE S
City:	CONWAY
Tank ID:	5
Status:	**Currently in Use**
Capacity:	10000
Product:	Multiple petroleum
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05186
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False

RAYS STATION (Continued) **U003930810**

Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05186. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

BF228 **SPEEDWAY SUPERAMERICA LLC** **EDR Hist Auto** **1021047448**
Target **2900 4TH AVE** **N/A**
Property **CONWAY, SC 29527**

Site 2 of 2 in cluster BF

Actual: EDR Hist Auto
34 ft.

Focus Map:
13

Year:	Name:	Type:
2003	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2004	SUNOCO INC	Gasoline Service Stations, NEC

---

229 **JACKSON CLEANERS** **EDR Hist Cleaner** **1020011684**
Target **2707 4TH AVE** **N/A**
Property **CONWAY, SC 29527**

EDR Hist Cleaner

Actual:
29 ft.

Focus Map:
13

Year:	Name:	Type:
1998	TOMMYS CLEANERS	Drycleaning Plants, Except Rugs
1999	JACKSON CLEANERS	Drycleaning Plants, Except Rugs
2000	JACKSON CLEANERS	Drycleaning Plants, Except Rugs
2001	JACKSON CLEANERS	Drycleaning Plants, Except Rugs
2002	JACKSON CLEANERS	Drycleaning Plants, Except Rugs
2003	JACKSON CLEANERS	Drycleaning Plants, Except Rugs

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230 **BUCKSPORT WATER COMPANY** **ECHO** **1008010107**
Target **2809 FOURTH AVENUE** **N/A**
Property **CONWAY, SC 29527**

Actual:
34 ft.

Focus Map:
13

ECHO:

Envid:	1008010107
Registry ID:	110006170918
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006170918
Name:	BUCKSPORT WATER COMPANY (SC2620003)
Address:	2809 FOURTH AVENUE
City,State,Zip:	CONWAY, SC 29527

231
Target
Property
SCPSA - DOLPHUS M GRAINGER STATION
HWY 501 BYPASS
CONWAY, SC 29526

COAL ASH | **S109683081** | **N/A**

Actual: **4 ft.**
Focus Map: **14**

COAL ASH:

Facility ID:	Not reported
Plant Owner:	Santee Cooper (SCPSA)
NPDES:	SC0001104
Ash Pond:	Y
Ash Landfill:	Not reported
Ash Pile:	Not reported
Notes:	Ash ponds closing.
UTM East:	Not reported
UTM North:	Not reported
Latitude:	33 49 25
Longitude:	-79 2 41

232
Target
Property
SCOTCHMAN 31
850 HWY 501 BYPASS
CONWAY, SC

LUST **UST** **GWCI** | **U003982828** | **N/A**

Actual: **3 ft.**
Focus Map: **14**

LUST:

Name:	SCOTCHMAN 31
Address:	850 HWY 501 BYPASS
City,State,Zip:	CONWAY, SC 29526-9806
Release Number:	1
Facility ID:	04949
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/18/2008
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MADABHS
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	96

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.5
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC

SCOTCHMAN 31 (Continued) **U003982828**

RP Zip: 28403
SCRBCA Class Code: CLASS3BF
Project Manager: MADABHUSHI, SRIRAM
Release Fin Type Code: WS

UST:
Name: SCOTCHMAN 31
Address: 850 HWY 501 BYPASS
City: CONWAY
Facility ID: 04949
Permit: N 04949
Owner: CENAMA INC
Owner Address: 123 SHIPYARD BLVD
Owner City, st, zip: WILMINGTON NC 28412
Owner Phone: 910-395-5300

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 31
Address: 850 HWY 501 BYPASS
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 31
Address: 850 HWY 501 BYPASS
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 31
Address: 850 HWY 501 BYPASS
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 10

SC GWIC:
Bureau: BLWM
EAP ID: Not reported

SCOTCHMAN 31 (Continued) **U003982828**

Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	04949
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04949. RBCA Classification 3BF8. Awaiting Funding.

BG233 **CORNER STOP 106** **LUST** **U003628713**
Target **401 JANETTE ST** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 1 of 2 in cluster BG

Actual:
41 ft.

Focus Map:
13

LUST:

Name:	CORNER STOP 106
Address:	401 JANETTE ST
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	05154
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PROPERTY MANAGEMENT VD12/30/91
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	04/11/2014
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported

CORNER STOP 106 (Continued) **U003628713**

SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	162

LUST:

Release Date:	10/04/2007
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	S
Release Number:	4
Confirmed date:	10/04/2007
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Name:	CORNER STOP 106
Address:	401 JANETTE ST
City,State,Zip:	CONWAY, SC 29527
Release Number:	2
Facility ID:	05154
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PROPERTY MANAGEMENT VD03/30/99
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/15/1999
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported

CORNER STOP 106 (Continued) **U003628713**

Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DEVOREJA
Cleanup Initiated Date:	03/30/1999
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	10/04/2007
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	S
Release Number:	4
Confirmed date:	10/04/2007
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Name:	CORNER STOP 106
Address:	401 JANETTE ST
City,State,Zip:	CONWAY, SC 29527
Release Number:	3
Facility ID:	05154
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PROPERTY MANAGEMENT VD09/21/00
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/22/2000
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported

CORNER STOP 106 (Continued) **U003628713**

EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	STEPPAK
Cleanup Initiated Date:	09/22/2000
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	10/04/2007
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	S
Release Number:	4
Confirmed date:	10/04/2007
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Name:	CORNER STOP 106
Address:	401 JANETTE ST
City,State,Zip:	CONWAY, SC 29527
Release Number:	4
Facility ID:	05154
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	PROPERTY MANAGEMENT VD10/04/07
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	04/11/2014
Tank Owner City:	Not reported
Confirmed Date:	Not reported

CORNER STOP 106 (Continued) **U003628713**

Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	10/04/2007
Prefix:	Not reported
Total Score:	160

LUST:

Release Date:	10/04/2007
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	S
Release Number:	4
Confirmed date:	10/04/2007
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.629
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CORNER STOP 106
Address:	401 JANETTE ST
City:	CONWAY
Facility ID:	05154
Permit:	R 05154
Owner:	PROPERTY MANAGEMENT VDDAB LTD
Owner Address:	2216 INDIA HOOK RD
Owner City, st, zip:	ROCK HILL SC 29732-1224
Owner Phone:	803-366-3116

CORNER STOP 106 (Continued) **U003628713**

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: CORNER STOP 106
Address: 401 JANETTE ST
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: CORNER STOP 106
Address: 401 JANETTE ST
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 15

Name: CORNER STOP 106
Address: 401 JANETTE ST
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Kerosene
Calcage: 5

Name: CORNER STOP 106
Address: 401 JANETTE ST
City: CONWAY

Tank ID: 5
Status: **Currently in Use**
Capacity: 12000
Product: Multiple petroleum
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05154
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False

CORNER STOP 106 (Continued) **U003628713**

Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05154. RBCA Classification 3BA1. Conducting investigation/Risk Assessment.

BG234 **CORNER STOP** **EDR Hist Auto** **1021320745**
Target **401 JANETTE ST** **N/A**
Property **CONWAY, SC 29527**

Site 2 of 2 in cluster BG

Actual:
41 ft.

EDR Hist Auto

Focus Map:
13

Year:	Name:	Type:
1973	JAMESTOWN AMERICAN	Gasoline Service Stations
2013	CORNER STOP	Gasoline Service Stations
2014	CORNER STOP	Gasoline Service Stations

---

235 **FLAV O RICH** **UST** **U003521281**
Target **956 HWY 501 BYPASS** **N/A**
Property **CONWAY, SC**

Actual:
3 ft.

Focus Map:
14

UST:

Name:	FLAV O RICH
Address:	956 HWY 501 BYPASS
City:	CONWAY
Facility ID:	12931
Permit:	N 12931
Owner:	WINGARD, JAMES T
Owner Address:	1341 44TH AVE N STE 201
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-497-9811

FLAV O RICH (Continued) **U003521281**

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Diesel fuel
Calcage:	10

236
Target
Property

TODDS 76 OR TODD HARVEY
309 JORDAN CIR
CONWAY, SC 29527

EDR Hist Auto **1021218717**
N/A

EDR Hist Auto

Actual:
33 ft.
Focus Map:
13

Year:	Name:	Type:
1991	TODDS 76 OR TODD HARVEY	Gasoline Service Stations
1992	TODDS 76 OR TODD HARVEY	Gasoline Service Stations
1993	TODDS 76 OR TODD HARVEY	Gasoline Service Stations

237
Target
Property

KINGSTON JUNCTION
HWY 90 AND 501 BUSINESS
CONWAY, SC

LUST **U003628793**
UST **N/A**

Actual:
4 ft.
Focus Map:
14

LUST:

Name:	KINGSTON JUNCTION
Address:	HWY 90 AND 501 BUSINESS
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05193
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	04/22/2008
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	04/22/2008
Depth to Ground Water:	2.180
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC

KINGSTON JUNCTION (Continued) **U003628793**

RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BC
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

Name:	KINGSTON JUNCTION
Address:	HWY 90 AND 501 BUSINESS
City,State,Zip:	CONWAY, SC 29526
Release Number:	3
Facility ID:	05193
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/24/2002
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	10/15/2001
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	HIGHTOCW
Cleanup Initiated Date:	07/24/2002
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	04/22/2008
Depth to Ground Water:	2.180
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BC
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

UST:

Name:	KINGSTON JUNCTION
Address:	HWY 90 AND 501 BUSINESS
City:	CONWAY

KINGSTON JUNCTION (Continued) **U003628793**

Facility ID: 05193
Permit: P 05193
Owner: CENAMA INC
Owner Address: 123 SHIPYARD BLVD
Owner City, st, zip: WILMINGTON NC 28412
Owner Phone: 910-395-5300

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

Tank ID: 10
Status: **Abandoned**
Capacity: 8000
Product: Diesel fuel
Calcage: 0

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 25

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

KINGSTON JUNCTION (Continued) **U003628793**

Tank ID: 5
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 0

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

Tank ID: 6
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 0

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

Tank ID: 7
Status: **Abandoned**
Capacity: 6000
Product: Diesel fuel
Calcage: 0

Name: KINGSTON JUNCTION
Address: HWY 90 AND 501 BUSINESS
City: CONWAY

Tank ID: 8
Status: **Abandoned**
Capacity: 8000
Product: Diesel fuel
Calcage: 0

---

238 **CHS HOMEWOOD STORAGE** **LUST** **U003629259**
Target **3153 US 701 N** **UST** **N/A**
Property **CONWAY, SC**

Actual:
37 ft.

Focus Map:
13

LUST:
Name: CHS HOMEWOOD STORAGE
Address: 3153 US 701 N
City,State,Zip: CONWAY, SC 29526
Release Number: 1
Facility ID: 10403
Release Status Number: 1
Substance: PETROL
Tank Owner Company Name: CHS OF 1995 INVESTMENTS L03/08/13
Tank Owner Last Name: CHS OF 1995 INVESTMENTS LLC
Tank Owner First name: Not reported
NFA Date: Not reported
Tank Owner City: CONWAY
Confirmed Date: 03/26/2013
Release Date: Not reported
EID: 91559987
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: 3BF

CHS HOMEWOOD STORAGE (Continued) **U003629259**

Release Fin Type Code: W25
Qualified: Y
Release Source: UST
Local Fac Last Name: CHS HOMEWOOD STORAGE
Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 03/26/2013
Prefix: P
Total Score: 461

UST:
Name: CHS HOMEWOOD STORAGE
Address: 3153 US 701 N
City: CONWAY
Facility ID: 10403
Permit: P 10403
Owner: CHS OF 1995 INVESTMENTS LLC
Owner Address: 613 MAIN ST
Owner City, st, zip: CONWAY SC 29526
Owner Phone: 843-241-2903

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Diesel fuel
Calcage: 0

Name: CHS HOMEWOOD STORAGE
Address: 3153 US 701 N
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline Super/Prem
Calcage: 0

Name: CHS HOMEWOOD STORAGE
Address: 3153 US 701 N
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: CHS HOMEWOOD STORAGE
Address: 3153 US 701 N
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 2000
Product: Kerosene
Calcage: 10

BH239 **Target** **Property**	**SPEEDWAY 4589** **1120 HWY 501 BUSINESS** **CONWAY, SC 29526**	**RCRA-VSQG**	**1019326530** **SCR000782854**

Site 1 of 3 in cluster BH

Actual:
21 ft.

Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4589
Handler Address:	1120 HWY 501 BUSINESS
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000782854
Contact Name:	CHARLES BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501-1500
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMIN
EPA Region:	04
Land Type:	County
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	Private
Operator Name:	SPEEDWAY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SPEEDWAY 4589 (Continued) **1019326530**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-08 15:13:39.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2016-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1550
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2016-06-21 00:00:00.

SPEEDWAY 4589 (Continued) **1019326530**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1550
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4589
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	447110
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

BH240 Target Property **SPEEDWAY 4589**
1120 HWY 501 BUS
CONWAY, SC

LUST **U003836631**
UST **N/A**

Site 2 of 3 in cluster BH

Actual: 21 ft.
Focus Map: 14

LUST:

Name:	SPEEDWAY 4589
Address:	1120 HWY 501 BUS
City,State,Zip:	CONWAY, SC 29
Release Number:	1
Facility ID:	18789
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	SPEEDWAY LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/12/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/05/2019
EID:	Not reported

SPEEDWAY 4589 (Continued) **U003836631**

Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	06/12/2019
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	SPEEDWAY 4589
Address:	1120 HWY 501 BUS
City:	CONWAY
Facility ID:	18789
Permit:	P 18789
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280

Tank ID:	1
Status:	**Currently in Use**
Capacity:	25000
Product:	Gasoline RUL
Calcage:	0

Name:	SPEEDWAY 4589
Address:	1120 HWY 501 BUS
City:	CONWAY

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

Name:	SPEEDWAY 4589
Address:	1120 HWY 501 BUS
City:	CONWAY

Tank ID:	3
Status:	**Currently in Use**
Capacity:	25000
Product:	Diesel fuel
Calcage:	0

BH241 **SPEEDWAY 4589** **ECHO** **1018382813**
Target **1120 HWY 501 BUSINESS** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster BH

Actual:
21 ft.
Focus Map:
14

ECHO:

Envid:	1018382813
Registry ID:	110069457475
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069457475
Name:	SPEEDWAY 4589
Address:	1120 HWY 501 BUSINESS
City,State,Zip:	CONWAY, SC 29526

BI242 **HD SUPPLY WATERWORKS LTD WW7290** **ECHO** **1010552704**
Target **385 FRENCH COLLINS RD** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster BI

Actual:
21 ft.
Focus Map:
14

ECHO:

Envid:	1010552704
Registry ID:	110032660136
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110032660136
Name:	HD SUPPLY WATERWORKS LTD WW7290
Address:	385 FRENCH COLLINS RD
City,State,Zip:	CONWAY, SC 29526

BI243 **ROYAL OAK ENTERPRISES INC CONWAY FURNACE** **ECHO** **1004595404**
Target **385 FRENCH COLLINS RD.** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster BI

Actual:
21 ft.
Focus Map:
14

ECHO:

Envid:	1004595404
Registry ID:	110002100609
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002100609
Name:	ROYAL OAK ENTERPRISES INC CONWAY FURNACE
Address:	385 FRENCH COLLINS RD.
City,State,Zip:	CONWAY, SC 29526

BI244 **HD SUPPLY WATERWORKS LTD WW7290** **RCRA-VSQG** **1010567657**
Target **385 FRENCH COLLINS RD** **SCR000769364**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster BI

Actual:
21 ft.
Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2007-09-07 00:00:00.0
Handler Name:	HD SUPPLY WATERWORKS LTD WW7290
Handler Address:	385 FRENCH COLLINS RD
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000769364
Contact Name:	MARTY LASKEY
Contact Address:	CUMBERLAND BLVD STE 1700
Contact City,State,Zip:	ATLANTA, GA 30339

HD SUPPLY WATERWORKS LTD WW7290 (Continued) **1010567657**

Contact Telephone:	770-852-9073
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	CUMBERLAND BLVD STE 1700
Mailing City,State,Zip:	ATLANTA, GA 30339
Owner Name:	HD SUPPLY WATERWORKS LTD
Owner Type:	Private
Operator Name:	HD SUPPLY WATERWORKS LTD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

HD SUPPLY WATERWORKS LTD WW7290 (Continued) **1010567657**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HD SUPPLY WATERWORKS LTD
Legal Status:	Private
Date Became Current:	2007-09-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3100 CUMBERLAND BLVD STE 1700
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-852-9073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HD SUPPLY WATERWORKS LTD
Legal Status:	Private
Date Became Current:	2007-09-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3100 CUMBERLAND BLVD STE 1700
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-852-9073

HD SUPPLY WATERWORKS LTD WW7290 (Continued) **1010567657**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2007-09-07 00:00:00.0
Handler Name:	HD SUPPLY WATERWORKS LTD WW7290
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

HD SUPPLY WATERWORKS LTD WW7290 (Continued) **1010567657**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2008-01-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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245 **KAHM FARMS SF #4** **SWF/LF** **S121352557**
Target **N/A**
Property **HORRY (County), SC**

Actual:
47 ft.

Focus Map:
11

LF:

Name:	KAHM FARMS SF #4
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	Not reported
Facility ID:	SF-00159
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Structural Fill
GW Mod Reqd:	N
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	665313
UTM-N:	3743434
Contact Name:	Not reported
Contact Phone:	Not reported

246 **KAHM FARMS SF #1** **SWF/LF** **S116715727**
Target **N/A**
Property **HORRY (County), SC**

Actual:
61 ft.

Focus Map:
11

LF:

Name:	KAHM FARMS SF #1
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	Not reported
Facility ID:	SF-00089
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Structural Fill
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	665582
UTM-N:	3743386
Contact Name:	Not reported
Contact Phone:	Not reported

BJ247 **DOLPHUS M. GRAINGER POWER STATION** **COAL ASH EPA** **1012194093**
Target **1605 MARINA DRIVE** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 5 in cluster BJ

Actual:
14 ft.

Focus Map:
14

COAL ASH EPA:

Company:	SANTEE COOPER (SOUTH CAROLINA PUB SERV AUTH)
6 Reg Assessment Adequate:	Not reported
Mailing:	1st
Site Visit:	round 5
Orig Hazard Potential Rating:	Not reported
Current Hazard Potential Rating:	Not reported
Assessment Round:	Not reported
Units:	Ash Pond 2
Boiler slag:	-1
Bottom ash:	-1
Corrective measures:	0
Expansion(s):	1990
FGD:	0
Fly ash:	-1
Hazard potential:	None
Historical releases (A):	0
Historical releases (B):	Not reported
Identified additional data:	Not reported
Last company assessment:	quarterly
Next company assessment:	Not reported
Last regulatory inspection:	Not reported
Next regulatory inspection:	Not reported
Other residuals:	Not reported
PE constructed:	-1
PE design:	-1

DOLPHUS M. GRAINGER POWER STATION (Continued) **1012194093**

PE monitored:	-1
Significant deficiencies:	Not reported
Significant deficiencies identified:	0
Surface area (acre):	39
Storage capacity (acre ft):	429
Unit height (ft):	13
Year commissioned:	1977

BJ248 Target Property — **SCPSA - SANTEE COOPER GRAINGER GENERATING STATION**
1605 MARINA DR
CONWAY, SC 29526

Database(s): **SHWS, GWCI** — EDR ID Number: **1000350085** — EPA ID Number: **N/A**

Site 2 of 5 in cluster BJ

Actual: **14 ft.**
Focus Map: **14**

SHWS:

Name:	SANTEE COOPER - GRAINGER STATION
Address:	1605 MARINA DR
City,State,Zip:	CONWAY, SC 29526-5249
EPA ID:	SCS123457261

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	15023
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 15023. RBCA Classification 3AC8. Awaiting Funding.

BJ249 **DOLPHUS M. GRAINGER POWER STATION** **COAL ASH EPA** **1012194092**
Target **1605 MARINA DRIVE** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 5 in cluster BJ

Actual:
14 ft.
Focus Map:
14

COAL ASH EPA:

Company:	SANTEE COOPER (SOUTH CAROLINA PUB SERV AUTH)
6 Reg Assessment Adequate:	Not reported
Mailing:	1st
Site Visit:	round 5
Orig Hazard Potential Rating:	Not reported
Current Hazard Potential Rating:	Not reported
Assessment Round:	Not reported
Units:	Ash Pond 1
Boiler slag:	-1
Bottom ash:	-1
Corrective measures:	0
Expansion(s):	1967
FGD:	0
Fly ash:	-1
Hazard potential:	None
Historical releases (A):	0
Historical releases (B):	Not reported
Identified additional data:	Not reported
Last company assessment:	quarterly
Next company assessment:	Not reported
Last regulatory inspection:	Not reported
Next regulatory inspection:	Not reported
Other residuals:	Not reported
PE constructed:	-1
PE design:	-1
PE monitored:	-1
Significant deficiencies:	Not reported
Significant deficiencies identified:	0
Surface area (acre):	43
Storage capacity (acre ft):	298
Unit height (ft):	7
Year commissioned:	1966

BJ250 **SCPSA GRAINGER GENERATING STATION** **LUST** **U004254319**
Target **1605 MARINA DR** **UST** **N/A**
Property **CONWAY, SC**

Site 4 of 5 in cluster BJ

Actual:
14 ft.
Focus Map:
14

LUST:

Name:	SCPSA GRAINGER GENERATING STATION
Address:	1605 MARINA DR
City,State,Zip:	CONWAY, SC 29526-5249
Release Number:	1
Facility ID:	15023
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	SANTEE COOPER
Tank Owner Last Name:	SANTEE COOPER
Tank Owner First name:	Not reported
NFA Date:	09/26/2012
Tank Owner City:	MONCKS CORNER
Confirmed Date:	09/24/1992

SCPSA GRAINGER GENERATING STATION (Continued) **U004254319**

Release Date:	03/19/1992
EID:	1783316
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3AC
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SCPSA GRAINGER GENERATING STATION
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	09/24/1992
Prefix:	N
Total Score:	1

LUST:

Release Date:	03/19/1992
Cleanup Complete Date:	09/26/2012
Depth to Ground Water:	9.130
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	09/24/1992
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS3AC
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	DS

Release Date:	03/19/1992
Cleanup Complete Date:	09/26/2012
Depth to Ground Water:	9.130
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	09/24/1992
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS3AC
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	DS

Release Date:	03/19/1992
Cleanup Complete Date:	09/26/2012
Depth to Ground Water:	9.130
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	09/24/1992
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS3AC
Project Manager:	MARTIN, JAMES M

SCPSA GRAINGER GENERATING STATION (Continued) **U004254319**

Release Fin Type Code: DS

Release Date: 03/19/1992
Cleanup Complete Date: 09/26/2012
Depth to Ground Water: 9.130
Ground Water Flow Direction: S
Release Number: 1
Confirmed date: 09/24/1992
RP Name: SANTEE COOPER
RP Address: 1 RIVERWOOD DR
RP City: MONCKS CORNER
RP State: SC
RP Zip: 29461
SCRBCA Class Code: CLASS3AC
Project Manager: MARTIN, JAMES M
Release Fin Type Code: DS

Release Date: 03/19/1992
Cleanup Complete Date: 09/26/2012
Depth to Ground Water: 9.130
Ground Water Flow Direction: S
Release Number: 1
Confirmed date: 09/24/1992
RP Name: SANTEE COOPER
RP Address: 1 RIVERWOOD DR
RP City: MONCKS CORNER
RP State: SC
RP Zip: 29461
SCRBCA Class Code: CLASS3AC
Project Manager: MARTIN, JAMES M
Release Fin Type Code: DS

UST:
Name: SCPSA GRAINGER GENERATING STATION
Address: 1605 MARINA DR
City: CONWAY
Facility ID: 15023
Permit: N 15023
Owner: SANTEE COOPER
Owner Address: PO BOX 2946101
Owner City, st, zip: MONCKS CORNER SC 29461-6101
Owner Phone: 843-761-8000

Tank ID: 1
Status: **Abandoned**
Capacity: 12000
Product: Diesel fuel
Calcage: 25

Name: SCPSA GRAINGER GENERATING STATION
Address: 1605 MARINA DR
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 12000

SCPSA GRAINGER GENERATING STATION (Continued) **U004254319**

Product:	Diesel fuel
Calcage:	25

BJ251 Target Property **SANTEE COOPER DOLPHUS GRAINGER GENERATING STATION** **ECHO** **1016121449**
1605 MARINA DRIVE **N/A**
CONWAY, SC 29526

Site 5 of 5 in cluster BJ

Actual:
14 ft.

Focus Map:
14

ECHO:

Envid:	1016121449
Registry ID:	110000353885
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000353885
Name:	SANTEE COOPER DOLPHUS GRAINGER GENERATING STATION
Address:	1605 MARINA DRIVE
City,State,Zip:	CONWAY, SC 29526

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252 Target Property **SEABOARD PETROLEUM** **GWCI** **U003525062**
1221 HWY 501 BUS **N/A**
CONWAY, SC 29526

Actual:
28 ft.

Focus Map:
14

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10682
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No

SEABOARD PETROLEUM (Continued) **U003525062**

Drinking Water Well Impact: No
Remarks: Site ID # 10682. RBCA Classification 3AC1. Conducting investigation/Risk Assessment.

BK253	**CANFOR SOUTHERN PINE - CONWAY**	**ECHO**	**1026007503**
Target	**1283 HIGHWAY 501 BUSINESS**		**N/A**
Property	**CONWAY, SC 29526**		

Site 1 of 2 in cluster BK

Actual:
39 ft.

Focus Map:
14

ECHO:

Envid:	1026007503
Registry ID:	110000740789
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000740789
Name:	CANFOR SOUTHERN PINE - CONWAY
Address:	1283 HIGHWAY 501 BUSINESS
City,State,Zip:	CONWAY, SC 29526

BK254	**NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT**	**RCRA-VSQG**	**1000982239**
Target	**1283 HWY 501 BUSINESS**	**SHWS**	**29526NWSTHHIGHW**
Property	**CONWAY, SC 29526**		

Site 2 of 2 in cluster BK

Actual:
39 ft.

Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2020-01-23 00:00:00.0
Handler Name:	NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT
Handler Address:	1283 HWY 501 BUSINESS
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD086370574
Contact Name:	ERNEST RABON
Contact Address:	HWY 501 BUSINESS
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-349-3482
Contact Fax:	Not reported
Contact Email:	ERNEST.RABON@CANFOR.COM
Contact Title:	PLANT MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501 BUSINESS
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	NEW SOUTH COMPANIES INC
Owner Type:	Private
Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-24 09:37:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: F035
Waste Description: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW SOUTH COMPANIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 9089
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29578
Owner/Operator Telephone: 843-236-9399
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW SOUTH COMPANIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3700 CLAY POND RD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29578
Owner/Operator Telephone: 843-236-9399
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW SOUTH COMPANIES INC
Legal Status: Private
Date Became Current: Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Owner/Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9089
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29579
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH LUMBER CO INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9089
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC LUMBER INC/WOOD PRESERVING
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW SOUTH INC CONWAY PLANT
Legal Status:	Private
Date Became Current:	2003-01-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1283 HWY 501 BUSINESS
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-347-4288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW SOUTH COMPANIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3700 CLAY POND RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-236-9399
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Historic Generators:

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1994-07-07 00:00:00.0
Handler Name:	NEW SOUTH LUMBER CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	NEW SOUTH LUMBER CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-28 00:00:00.0
Handler Name:	NEW SOUTH LUMBER CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-21 00:00:00.0
Handler Name:	NEW SOUTH INC CONWAY PLANT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-27 00:00:00.0
Handler Name:	NEW SOUTH INC CONWAY PLANT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-11-29 00:00:00.0
Handler Name:	NEW SOUTH WOOD PRESERVERS LLC CONWAY PLT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-25 00:00:00.0
Handler Name:	NEW SOUTH WOOD PRESERVERS LLC CONWAY PLT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-10 00:00:00.0
Handler Name:	NEW SOUTH WOOD PRESERVERS LLC CONWAY PLT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-07-03 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-02 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-09 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-03 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-01-26 00:00:00.0

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-06 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-16 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-13 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-27 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-19 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-03-31 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC / WOOD PRESERVING LLC CONWAY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-07 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC / WOOD PRESERVING LLC CONWAY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Electronic Manifest Broker:	No
Receive Date:	2018-02-08 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC / WOOD PRESERVING LLC CONWAY I
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2019-01-18 00:00:00.0
Handler Name:	NEW SOUTH LUMBER COMPANY INC / WOOD PRESERVING LLC CONWAY I
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2020-01-23 00:00:00.0
Handler Name:	NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	321113
NAICS Description:	SAWMILLS
NAICS Code:	321114
NAICS Description:	WOOD PRESERVATION

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-04-15 00:00:00.0

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Actual Return to Compliance Date:	2015-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-05-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1994-09-22 00:00:00.0
Actual Return to Compliance Date:	1995-02-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1995-01-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Enforcement Responsible Person: SCSCL
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 1994-09-22 00:00:00.0
Actual Return to Compliance Date: 1995-02-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1995-02-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Enforcement Responsible Person: SCSCL
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 1994-09-22 00:00:00.0
Actual Return to Compliance Date: 1995-02-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1994-12-15 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCSCL
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 1994-09-22 00:00:00.0
Actual Return to Compliance Date: 1995-02-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1995-02-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Enforcement Responsible Person: SCSCL
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 1994-09-22 00:00:00.0

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Actual Return to Compliance Date:	1995-02-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1994-12-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	SCSCL
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-04-15 00:00:00.0
Actual Return to Compliance Date:	2015-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-05-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 1994-09-22 00:00:00.0
Actual Return to Compliance Date: 1995-02-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1995-01-10 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSCL
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2007-04-12 00:00:00.0
Actual Return to Compliance Date: 2007-09-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-07-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2015-04-15 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCKM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2015-04-15 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1994-09-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 1995-02-27 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-06-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-07-09 00:00:00.0
Evaluation Responsible Agency: State

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-02-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-02-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-02-27 00:00:00.0

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-08-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-02-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2015-04-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-02-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NEW SOUTH WOOD PRESERVING LLC CONWAY PLANT (Continued) **1000982239**

Evaluation Date:	2018-12-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCD
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-09-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	NEW SOUTH WOOD PRESERVING CO LLC
Address:	1283 BUSINESS HWY 501
City,State,Zip:	CONWAY, SC 29428
EPA ID:	SCD086370574

255
Target
Property

TODD EVAN JR
3309 WALL LN
CONWAY, SC 29527

EDR Hist Auto **1020173816**
N/A

EDR Hist Auto

Actual:
26 ft.

Focus Map:
13

Year:	Name:	Type:
1994	G & T DISCOUNT	Convenience Stores
1995	TODD EVAN JR	Convenience Stores
1996	TODD EVAN JR	Convenience Stores
1997	TODD EVAN JR	Convenience Stores
1998	TODD EVAN JR	Convenience Stores
1999	TODD EVAN JR	Convenience Stores
2000	TODD EVAN JR	Convenience Stores
2001	TODD EVAN JR	Convenience Stores
2002	TODD EVAN JR	Convenience Stores
2003	TODD EVAN JR	Convenience Stores

256 **AMOCO UNOCAL SEABOARD PETRO** — **EDR Hist Auto** — **1020461002**
Target **532 AMBER LN** — **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
38 ft.
Focus Map:
14

Year:	Name:	Type:
2013	AMOCO UNOCAL SEABOARD PETRO	Gasoline Service Stations, NEC
2014	AMOCO UNOCAL SEABOARD PETRO	Gasoline Service Stations, NEC

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257 **H R CORPORATION OF BEAUFORT** — **EDR Hist Auto** — **1021111544**
Target **766 HIGHWAY 501 E** — **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
12 ft.
Focus Map:
14

Year:	Name:	Type:
1996	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
1997	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
1998	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
1999	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2000	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2001	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2002	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2003	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2007	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2008	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2009	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2010	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2011	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2012	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2013	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops
2014	UNITED AUTOMOTIVE	Automotive Repair Shops, NEC

BL258 **RED HILL RECOVERED C&D MATERIALS PROCESSING FACILI** — **ECHO** — **1025474119**
Target **127 FRENCH COLLINS RD** — **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster BL

Actual:
40 ft.
Focus Map:
14

ECHO:

Envid:	1025474119
Registry ID:	110070551496
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070551496
Name:	RED HILL RECOVERED C&D MATERIALS PROCESSING FACILITY
Address:	127 FRENCH COLLINS RD
City,State,Zip:	CONWAY, SC 29526

BL259 **Target** **Property**	**SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC** **127 FRENCH COLLINS RD** **CONWAY, SC 29526**	**RCRA-VSQG**	**1014473366** **SCR000772699**

Site 2 of 3 in cluster BL

Actual:
40 ft.

Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2011-09-19 00:00:00.0
Handler Name:	SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC
Handler Address:	127 FRENCH COLLINS RD
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000772699
Contact Name:	DANIELLE DISANTI
Contact Address:	FRENCH COLLINS RD
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-206-0582
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	GOVERNMENT AFFAIRS
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	FRENCH COLLINS RD
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	MARK HEFNER
Owner Type:	Private
Operator Name:	TIM WOLFE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC (Continued) **1014473366**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHON STROUD
Legal Status:	Private
Date Became Current:	2011-04-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	127 FRENCH COLLINS RD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-796-0506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TIM WOLFE
Legal Status:	Private
Date Became Current:	2011-04-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	127 FRENCH COLLINS RD
Owner/Operator City,State,Zip:	CONWAY, SC 29526

SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC (Continued) **1014473366**

Owner/Operator Telephone:	843-796-0506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARK HEFNER
Legal Status:	Private
Date Became Current:	2011-04-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	127 FRENCH COLLINS RD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-796-0506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARK HEFNER
Legal Status:	Private
Date Became Current:	2011-04-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	127 FRENCH COLLINS RD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-796-0506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-04-25 00:00:00.0
Handler Name:	COASTAL BRODIESEL GROUP INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-09-19 00:00:00.0
Handler Name:	SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC (Continued) **1014473366**

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2011-11-09 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: SCMM
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

BL260 **SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC** **ECHO** **1014835005**
Target **127 FRENCH COLLINS RD** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster BL

Actual:
40 ft.
Focus Map:
14

ECHO:

Envid:	1014835005
Registry ID:	110043556023
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110043556023
Name:	SOUTHEAST INDUSTRIAL SERVICES COMPANY LLC
Address:	127 FRENCH COLLINS RD
City,State,Zip:	CONWAY, SC 29526

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261 **CONCRETE SUPPLY CO., LLC - CONWAY** **ECHO** **1025899941**
Target **151 OLE WOODWARD RD** **N/A**
Property **CONWAY, SC 29526**

Actual:
39 ft.
Focus Map:
14

ECHO:

Envid:	1025899941
Registry ID:	110070556436
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070556436
Name:	CONCRETE SUPPLY CO., LLC - CONWAY
Address:	151 OLE WOODWARD RD
City,State,Zip:	CONWAY, SC 29526

---

262 **KAHM FARMS SF#3** **SWF/LF** **S118290005**
Target **N/A**
Property **HORRY (County), SC**

Actual:
18 ft.
Focus Map:
11

LF:

Name:	KAHM FARMS SF#3
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	Not reported
Facility ID:	SF-00148
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Structural Fill
GW Mod Reqd:	N
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	665304.03748000006
UTM-N:	3742856.10506
Contact Name:	Not reported
Contact Phone:	Not reported

BM263 **Target** **Property**	**FOOD SHOP MARATHON** **1300 HWY 501 BUSINESS** **CONWAY, SC**	**LUST** **UST** **GWCI**	**U003629222** **N/A**

Site 1 of 3 in cluster BM

Actual:
40 ft.

Focus Map:
14

LUST:

Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	10327
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	JAMES SR & LARRY SANDER
Tank Owner Last Name:	JAMES SR & LARRY SANDERS
Tank Owner First name:	Not reported
NFA Date:	08/10/2011
Tank Owner City:	CONWAY
Confirmed Date:	07/29/1992
Release Date:	05/06/1992
EID:	1758757
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3AA
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	FOOD SHOPPE
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	07/29/1992
Prefix:	P
Total Score:	3

LUST:

Release Date:	05/06/1992
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.319
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	07/29/1992
RP Name:	SQUIRES
RP Address:	PO BOX 644
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3AA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City:	CONWAY
Facility ID:	10327
Permit:	P 10327
Owner:	JAMES SR & LARRY SANDERS
Owner Address:	1300 HWY 501 BUSINESS

FOOD SHOP MARATHON (Continued) **U003629222**

Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-347-3232
Tank ID:	1
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0
Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0
Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	0
Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City:	CONWAY
Tank ID:	4
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City:	CONWAY
Tank ID:	5
Status:	**Currently in Use**
Capacity:	1000
Product:	Gasoline
Calcage:	0
Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City:	CONWAY
Tank ID:	6
Status:	**Currently in Use**
Capacity:	12000
Product:	Multiple petroleum

FOOD SHOP MARATHON (Continued) **U003629222**

Calcage: 0

Name: FOOD SHOP MARATHON
Address: 1300 HWY 501 BUSINESS
City: CONWAY

Tank ID: 7
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline Super/Prem
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 10327
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: Yes
Monitoring: No
Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 10327. RBCA Classification 3AA1. Conducting investigation/Risk Assessment.

BM264 **FOOD SHOP MARATHON** **UST** **U004254900**
Target **1300 HWY 501 BUSINESS** **N/A**
Property **CONWAY, SC**

Site 2 of 3 in cluster BM

Actual:
40 ft.

Focus Map:
14

UST:

Name:	FOOD SHOP MARATHON
Address:	1300 HWY 501 BUSINESS
City:	CONWAY
Facility ID:	17912
Permit:	P 17912
Owner:	SANDERS, LARRY & JAMES
Owner Address:	1300 HWY 301 BUSINESS
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	803-347-3232
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

BM265 **3S CORPORATION** **EDR Hist Auto** **1021142172**
Target **1300 HWY 501 BUSINESS** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster BM

Actual:
40 ft.

Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1992	3S CORPORATION	Gasoline Service Stations
1993	3S CORPORATION	Gasoline Service Stations
1994	3S CORPORATION	Gasoline Service Stations
1995	3S CORPORATION	Gasoline Service Stations
1996	3S CORPORATION	Gasoline Service Stations
1997	3S CORPORATION	Gasoline Service Stations
1998	3S CORPORATION	Gasoline Service Stations
1999	3S CORPORATION	Gasoline Service Stations
2000	3S CORPORATION	Gasoline Service Stations
2001	3S CORPORATION	Gasoline Service Stations
2002	3S CORPORATION	Gasoline Service Stations
2003	3S CORPORATION	Gasoline Service Stations
2004	3S CORPORATION	Gasoline Service Stations
2005	3S CORPORATION	Gasoline Service Stations
2006	3S CORPORATION	Gasoline Service Stations
2007	3S CORPORATION	Gasoline Service Stations
2008	3S CORPORATION	Gasoline Service Stations
2009	3S CORPORATION	Gasoline Service Stations
2010	3S CORPORATION	Gasoline Service Stations
2011	3S CORPORATION	Gasoline Service Stations
2012	3S CORPORATION	Gasoline Service Stations
2013	3S CORPORATION	Gasoline Service Stations
2014	3S CORPORATION	Gasoline Service Stations

BN266 **FAMILY DOLLAR 3581** **ECHO** **1018124303**
Target **3400 4TH AVE** **N/A**
Property **CONWAY, SC 29527**

Site 1 of 2 in cluster BN

Actual:
25 ft.
Focus Map:
13

ECHO:

Envid:	1018124303
Registry ID:	110064677452
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064677452
Name:	FAMILY DOLLAR 3581
Address:	3400 4TH AVE
City,State,Zip:	CONWAY, SC 29527

BN267 **FAMILY DOLLAR 3581** **RCRA-VSQG** **1018160253**
Target **3400 4TH AVE** **SCR000780239**
Property **CONWAY, SC 29527**

Site 2 of 2 in cluster BN

Actual:
25 ft.
Focus Map:
13

RCRA Listings:

Date Form Received by Agency:	2015-03-20 00:00:00.0
Handler Name:	FAMILY DOLLAR 3581
Handler Address:	3400 4TH AVE
Handler City,State,Zip:	CONWAY, SC 29527
EPA ID:	SCR000780239
Contact Name:	KEVIN STRAIGHT
Contact Address:	PO BOX 1017
Contact City,State,Zip:	CHARLOTTE, NC 28201
Contact Telephone:	704-708-1909
Contact Fax:	Not reported
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Title:	PROGARM MANAGER ENV COMPLIANCE
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1017
Mailing City,State,Zip:	CHARLOTTE, NC 28201
Owner Name:	FAMILY DOLLAR STORES
Owner Type:	Private
Operator Name:	FAMILY DOLLAR STORES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

FAMILY DOLLAR 3581 (Continued) **1018160253**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-07-22 15:03:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM

FAMILY DOLLAR 3581 (Continued) **1018160253**

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2105-03-20 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2105-03-20 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-03-20 00:00:00.0
Handler Name: FAMILY DOLLAR 3581
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

FAMILY DOLLAR 3581 (Continued) **1018160253**

State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45299
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

268
Target
Property

PELICAN MILLWORK
150 OLE WOODWARD AVE
CONWAY, SC

UST **U002114656**
N/A

Actual:
40 ft.

Focus Map:
14

UST:

Name:	PELICAN MILLWORK
Address:	150 OLE WOODWARD AVE
City:	CONWAY
Facility ID:	16976
Permit:	N 16976
Owner:	PELICAN MILLWORK
Owner Address:	150 OLE WOODWARD AVE
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	Not reported
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	Not reported

269
Target
Property

KAHM FARMS SF #2

HORRY (County), SC

SWF/LF **S116715726**
N/A

Actual:
18 ft.

Focus Map:
11

LF:

Name:	KAHM FARMS SF #2
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	Not reported

KAHM FARMS SF #2 (Continued) **S116715726**

Facility ID:	SF-00127
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Structural Fill
GW Mod Reqd:	N
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	665404.07999999996
UTM-N:	3742779.5800000001
Contact Name:	Not reported
Contact Phone:	Not reported

270
Target
Property

KAHM FARMS SF #6 **SWF/LF** **S122310077**
N/A
HORRY (County), SC

Actual:
16 ft.
Focus Map:
11

LF:

Name:	KAHM FARMS SF #6
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	Not reported
Facility ID:	SF-00172
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Structural Fill
GW Mod Reqd:	N
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	664680
UTM-N:	3742670
Contact Name:	Not reported
Contact Phone:	Not reported

BO271
Target
Property

H R CORPORATION OF BEAUFORT **EDR Hist Auto** **1021511486**
N/A
1019 HIGHWAY 501 E
CONWAY, SC 29526

Site 1 of 2 in cluster BO

Actual:
18 ft.
Focus Map:
14

EDR Hist Auto

Year:	Name:	Type:
1995	H R CORPORATION OF BEAUFORT	Automotive Transmission Repair Shops

BO272 **BUCKWOOD SHELL** **LUST** **U003519622**
Target **1108 HWY 501** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 2 of 2 in cluster BO

Actual:
24 ft.

Focus Map:
14

LUST:

Name:	BUCKWOOD SHELL
Address:	1108 HWY 501
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	12362
Release Status Number:	7
Substance:	PETRO
Tank Owner Company Name:	BUCK, H
Tank Owner Last Name:	BUCK
Tank Owner First name:	H
NFA Date:	05/25/2005
Tank Owner City:	CONWAY
Confirmed Date:	03/23/1992
Release Date:	12/09/1991
EID:	1770263
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	BUCKWOOD SHELL
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	03/23/1992
Prefix:	N
Total Score:	1

LUST:

Release Date:	12/09/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	BUCK
RP Address:	105 UPPER MILL DR
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

UST:

Name:	BUCKWOOD SHELL
Address:	1108 HWY 501
City:	CONWAY
Facility ID:	12362
Permit:	N 12362
Owner:	BUCK, H L
Owner Address:	105 UPPER MILL DR

BUCKWOOD SHELL (Continued) **U003519622**

Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-397-6151
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15
Name:	BUCKWOOD SHELL
Address:	1108 HWY 501
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15
Name:	BUCKWOOD SHELL
Address:	1108 HWY 501
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	12362
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False

BUCKWOOD SHELL (Continued) **U003519622**

Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 12362. RBCA Classification 3BF7. Approved Monitored Natural Attenuation (MNA Awaiti.

273
Target
Property

C A TIMBES INC
PO BOX 826
CONWAY, SC

LUST **U003519722**
UST **N/A**

Actual:
40 ft.

Focus Map:
14

LUST:

Name:	C A TIMBES INC
Address:	PO BOX 826
City,State,Zip:	CONWAY, SC 29526-0826
Release Number:	1
Facility ID:	14249
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	C A TIMBES INC
Tank Owner Last Name:	C A TIMBES INC
Tank Owner First name:	Not reported
NFA Date:	12/23/1998
Tank Owner City:	CONWAY
Confirmed Date:	12/07/1998
Release Date:	12/03/1998
EID:	1778305
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	C A TIMBES INC
Local Fac First Name:	Not reported
User Name:	STEPPAK
Cleanup Initiated Date:	12/07/1998
Prefix:	N
Total Score:	Not reported

UST:

Name:	C A TIMBES INC
Address:	PO BOX 826
City:	CONWAY
Facility ID:	14249
Permit:	N 14249
Owner:	C A TIMBES INC
Owner Address:	PO BOX 826
Owner City, st, zip:	CONWAY SC 29526-0826
Owner Phone:	803-347-3030

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000

C A TIMBES INC (Continued) **U003519722**

Product: Gasoline
Calcage: 11

274
Target Property
704 RAINTREE LN
CONWAY, SC 29526
CDL **S118491489** **N/A**

Actual: 40 ft.
Focus Map: 15

CDL 2:

Name:	Not reported
Address:	704 RAINTREE LN
City,State,Zip:	CONWAY, SC 29526
Date Seized:	12/28/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	HORRY COUNTY POLICE DEPT. HEADQUARTERS
Lab Number:	150485
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3280
Was NPLEX Used:	NO
Num Child:	0
Structure:	Residence

275
Target Property
612 UNIVERSITY FOREST CIR
CONWAY, SC 29526
CDL **S120857613** **N/A**

Actual: 40 ft.
Focus Map: 15

CDL 2:

Name:	Not reported
Address:	612 UNIVERSITY FOREST CIR
City,State,Zip:	CONWAY, SC 29526
Date Seized:	05/22/2017
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	HORRY COUNTY SHERIFF'S DEPT. HEADQUARTERS
Lab Number:	170063
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3667
Was NPLEX Used:	NO
Num Child:	0
Structure:	Residence

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
BP276 **Target** **Property**	**PIT STOP** **1209 HWY 501** **CONWAY, SC**	**LUST** **UST**	**U003629684** **N/A**

Site 1 of 2 in cluster BP

Actual:
39 ft.

Focus Map:
14

LUST:

Name:	PIT STOP
Address:	1209 HWY 501
City,State,Zip:	CONWAY, SC 29526-8320
Release Number:	1
Facility ID:	14427
Release Status Number:	6
Substance:	PETRO
Tank Owner Company Name:	GRAHAM, RODNEY
Tank Owner Last Name:	GRAHAM
Tank Owner First name:	RODNEY
NFA Date:	02/05/2001
Tank Owner City:	CONWAY
Confirmed Date:	05/17/1994
Release Date:	12/31/1991
EID:	1779903
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	PIT STOP
Local Fac First Name:	Not reported
User Name:	DEVOREJA
Cleanup Initiated Date:	05/17/1994
Prefix:	R
Total Score:	300200

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	02/05/2001
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	05/17/1994
RP Name:	GRAHAM
RP Address:	PO BOX 973
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-0973
SCRBCA Class Code:	CLASS3BF
Project Manager:	DEVORE, JAMES A
Release Fin Type Code:	WS

UST:

Name:	PIT STOP
Address:	1209 HWY 501
City:	CONWAY
Facility ID:	14427
Permit:	R 14427
Owner:	GRAHAM, RODNEY
Owner Address:	PO BOX 973

PIT STOP (Continued) **U003629684**

Owner City, st, zip: CONWAY SC 29526-0973
Owner Phone: Not reported

Tank ID: 1
Status: **Permanently Out Of Service**
Capacity: 4000
Product: Diesel fuel
Calcage: 20

Name: PIT STOP
Address: 1209 HWY 501
City: CONWAY

Tank ID: 2
Status: **Permanently Out Of Service**
Capacity: 4000
Product: Gasoline
Calcage: 20

Name: PIT STOP
Address: 1209 HWY 501
City: CONWAY

Tank ID: 3
Status: **Permanently Out Of Service**
Capacity: 4000
Product: Gasoline
Calcage: 20

Name: PIT STOP
Address: 1209 HWY 501
City: CONWAY

Tank ID: 4
Status: **Permanently Out Of Service**
Capacity: 4000
Product: Gasoline
Calcage: 20

BP277 **501 PIT STOP** **EDR Hist Auto** **1021552932**
Target **1209 HIGHWAY 501 E** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster BP

Actual: EDR Hist Auto
39 ft.

Focus Map:
14

Year:	Name:	Type:
1995	501 PIT STOP	Gift, Novelty, And Souvenir Shop
1996	501 PIT STOP	Gift, Novelty, And Souvenir Shop
1997	501 PIT STOP	Gift, Novelty, And Souvenir Shop

BQ278 Target Property **COASTAL COCA COLA BOTTLING CO**
1160 HWY 501
CONWAY, SC

LUST **U004256070**
UST **N/A**

Site 1 of 2 in cluster BQ

Actual:
39 ft.

Focus Map:
14

LUST:

Name:	COASTAL COCA COLA BOTTLING CO
Address:	1160 HWY 501
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	05041
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	COASTAL COCA COLA BOTTL
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/04/2004
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	ANDERSPE
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	02/09/2004
Depth to Ground Water:	3
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	COASTAL COCA COLA BOTTLING CO
RP Address:	1160 HWY 501
RP City:	CONWAY
RP State:	SC
RP Zip:	29527
SCRBCA Class Code:	CLASS3BF
Project Manager:	ANDERSON, PAULA E
Release Fin Type Code:	WS

UST:

Name:	COASTAL COCA COLA BOTTLING CO
Address:	1160 HWY 501
City:	CONWAY
Facility ID:	05041
Permit:	N 05041
Owner:	COASTAL COCA COLA BOTTLING CO
Owner Address:	1160 HWY 501

COASTAL COCA COLA BOTTLING CO (Continued) **U004256070**

Owner City, st, zip: CONWAY SC 29527
Owner Phone: 803-423-4734

Tank ID: 1
Status: **Abandoned**
Capacity: 2000
Product: Diesel fuel
Calcage: 25

Name: COASTAL COCA COLA BOTTLING CO
Address: 1160 HWY 501
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 15

BQ279 **PIEDMONT COCA COLA BOTTLING CO** **LUST** **U004254665**
Target **1160 HWY 501** **UST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster BQ

Actual:
39 ft.

Focus Map:
14

LUST:
Name: PIEDMONT COCA COLA BOTTLING CO
Address: 1160 HWY 501
City,State,Zip: CONWAY, SC 29527
Release Number: 1
Facility ID: 16686
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: PIEDMONT COCA COLA BOTT
Tank Owner Last Name: PIEDMONT COCA COLA BOTTLING CO
Tank Owner First name: Not reported
NFA Date: 09/06/1995
Tank Owner City: CONWAY
Confirmed Date: 04/24/1995
Release Date: 04/24/1995
EID: 1792439
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: UNK
Qualified: Not reported
Release Source: UST
Local Fac Last Name: PIEDMONT COCA COLA BOTTLING CO
Local Fac First Name: Not reported
User Name: MINERRS
Cleanup Initiated Date: 04/24/1995
Prefix: P
Total Score: Not reported

UST:
Name: PIEDMONT COCA COLA BOTTLING CO
Address: 1160 HWY 501
City: CONWAY

PIEDMONT COCA COLA BOTTLING CO (Continued) **U004254665**

Facility ID:	16686
Permit:	P 16686
Owner:	PIEDMONT COCA COLA BOTTLING CO
Owner Address:	1160 HWY 501
Owner City, st, zip:	CONWAY SC 29527
Owner Phone:	704-551-4678
Tank ID:	1
Status:	**Abandoned**
Capacity:	600
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

BR280 Target Property **SPEEDWAY 4595**
1365 HWY 501 E
CONWAY, SC **UST** **U003988202** **N/A**

Site 1 of 3 in cluster BR

Actual: 40 ft.
Focus Map: 14

UST:

Name:	SPEEDWAY 4595
Address:	1365 HWY 501 E
City:	CONWAY
Facility ID:	19087
Permit:	P 19087
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280
Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0
Name:	SPEEDWAY 4595
Address:	1365 HWY 501 E
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	SPEEDWAY 4595
Address:	1365 HWY 501 E
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	15000
Product:	Diesel fuel
Calcage:	0

BR281 **Target Property** | **SPEEDWAY 4595**
1365 HIGHWAY 501 EAST
CONWAY, SC 29526 | **ECHO** | **1018382809** **N/A**

Site 2 of 3 in cluster BR

Actual: 40 ft.
Focus Map: 14

ECHO:

Envid:	1018382809
Registry ID:	110069457439
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069457439
Name:	SPEEDWAY 4595
Address:	1365 HIGHWAY 501 EAST
City,State,Zip:	CONWAY, SC 29526

BR282 **Target Property** | **SPEEDWAY 4595**
1365 HIGHWAY 501 EAST
CONWAY, SC 29526 | **RCRA-VSQG** | **1019326525** **SCR000782797**

Site 3 of 3 in cluster BR

Actual: 40 ft.
Focus Map: 14

RCRA Listings:

Date Form Received by Agency:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4595
Handler Address:	1365 HIGHWAY 501 EAST
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000782797
Contact Name:	CHARLES BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501-1500
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMIN
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WT
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	Private
Operator Name:	SPEEDWAY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

SPEEDWAY 4595 (Continued) **1019326525**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-05 15:52:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private

SPEEDWAY 4595 (Continued) **1019326525**

Date Became Current:	2016-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2016-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4595
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	447110
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

283 **BUILDERS FIRST SOURCE** **ECHO** **1001818784**
Target **1291 HWY 501** **SCR000074864**
Property **CONWAY, SC 29526**

Actual:
40 ft.

Focus Map:
14

ECHO:

Envid:	1001818784
Registry ID:	110006119912
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006119912
Name:	BUILDERS FIRST SOURCE
Address:	1291 HWY 501
City,State,Zip:	CONWAY, SC 29526

BS284 **WADE TRUCKING INC** **EDR Hist Cleaner** **1018814430**
Target **289 E COX FERRY RD** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster BS

Actual:
42 ft.

Focus Map:
15

EDR Hist Cleaner

Year:	Name:	Type:
2002	WADE TRUCKING INC	Garment Pressing And Cleaners’ Agents
2003	WADE TRUCKING INC	Garment Pressing And Cleaners’ Agents
2004	WADE TRUCKING INC	Garment Pressing And Cleaners’ Agents

BS285 **HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271** **RCRA-VSQG** **1010787918**
Target **269 E COX FERRY RD** **SCR000769786**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster BS

Actual:
42 ft.

Focus Map:
15

RCRA Listings:

Date Form Received by Agency:	2009-03-16 00:00:00.0
Handler Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271
Handler Address:	269 E COX FERRY RD
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000769786
Contact Name:	MARK LAUBACH
Contact Address:	CUMBERLAND BLVD STE 1700
Contact City,State,Zip:	ATLANTA, GA 30339
Contact Telephone:	407-822-2822
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	CUMBERLAND BLVD STE 1700
Mailing City,State,Zip:	ATLANTA, GA 30339
Owner Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD
Owner Type:	Private
Operator Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD

HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271 (Continued) **1010787918**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271 (Continued) **1010787918**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD
Legal Status:	Private
Date Became Current:	2008-04-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3100 CUMBERLAND BLVD STE 1700
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-852-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD
Legal Status:	Private
Date Became Current:	2008-04-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3100 CUMBERLAND BLVD STE 1700
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-852-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD
Legal Status:	Private
Date Became Current:	2008-04-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3100 CUMBERLAND BLVD STE 1700
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-852-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD
Legal Status:	Private

HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271 (Continued) **1010787918**

Date Became Current:	2008-04-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3100 CUMBERLAND BLVD STE 1700
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-852-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-04-10 00:00:00.0
Handler Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-16 00:00:00.0
Handler Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271 (Continued) **1010787918**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2008-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

BS286 **HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271** **ECHO** **1011924172**
Target **269 E COX FERRY RD** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster BS

Actual:
42 ft.

Focus Map:
15

ECHO:

Envid:	1011924172
Registry ID:	110037442988
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037442988
Name:	HD SUPPLY CONSTRUCTION SUPPLY LTD WC0271
Address:	269 E COX FERRY RD
City,State,Zip:	CONWAY, SC 29526

BT287 **RED HILL STATION** **LUST** **U003524576**
Target **1364 HWY 501 E** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 1 of 2 in cluster BT

Actual:
40 ft.

Focus Map:
14

LUST:

Name:	RED HILL STATION
Address:	1364 HWY 501 E
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	04896
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	JERRY COX COMPANY
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	08/29/1990
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	09/10/1991
Prefix:	Not reported
Total Score:	684

LUST:

Release Date:	08/29/1990
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.719
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	09/10/1991
RP Name:	JERRY COX CO
RP Address:	PO BOX 89
RP City:	CONWAY
RP State:	SC
RP Zip:	29528-0089
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	RED HILL STATION
Address:	1364 HWY 501 E
City:	CONWAY
Facility ID:	04896
Permit:	N 04896
Owner:	JERRY COX COMPANY
Owner Address:	PO BOX 89

RED HILL STATION (Continued) **U003524576**

Owner City, st, zip:	CONWAY SC 29528-0089
Owner Phone:	843-248-2227
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	Not reported
Name:	RED HILL STATION
Address:	1364 HWY 501 E
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	04896
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04896. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

BU288 **Target** **Property**	**PENSKE TRUCK LEASING CO LP** **213 E COX FERRY RD** **CONWAY, SC 29526**	**RCRA-VSQG**	**1012188303** **SCR000770636**

Site 1 of 3 in cluster BU

Actual:
41 ft.

Focus Map:
15

RCRA Listings:

Date Form Received by Agency:	2009-01-20 00:00:00.0
Handler Name:	PENSKE TRUCK LEASING CO LP
Handler Address:	213 E COX FERRY RD
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000770636
Contact Name:	MICHAEL COSTANZA
Contact Address:	RT 10 GREEN HILLS PO BOX 7635
Contact City,State,Zip:	READING, PA 19603
Contact Telephone:	610-775-6471
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	RT 10 GREEN HILLS PO BOX 7635
Mailing City,State,Zip:	READING, PA 19603
Owner Name:	DH GRIFFIN SR
Owner Type:	Private
Operator Name:	PENSKE TRUCK LEASING CO LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

PENSKE TRUCK LEASING CO LP (Continued) **1012188303**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DH GRIFFIN SR
Legal Status:	Private
Date Became Current:	2009-01-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2022 SHINER DR
Owner/Operator City,State,Zip:	JAMESTOWN, NC 29258

PENSKE TRUCK LEASING CO LP (Continued) **1012188303**

Owner/Operator Telephone:	336-931-5087
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PENSKE TRUCK LEASING CO LP
Legal Status:	Private
Date Became Current:	2009-01-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	RT 10 GREEN HILLS PO BOX 7635
Owner/Operator City,State,Zip:	READING, PA 19603-7635
Owner/Operator Telephone:	610-775-6298
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-01-20 00:00:00.0
Handler Name:	PENSKE TRUCK LEASING CO LP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PENSKE TRUCK LEASING CO LP (Continued) **1012188303**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-05-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

BU289 **PENSKE TRUCK LEASING CO LP** **ECHO** **1012109606**
Target **213 E COX FERRY RD** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster BU

Actual:
41 ft.

Focus Map:
15

ECHO:

Envid:	1012109606
Registry ID:	110038910881
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038910881
Name:	PENSKE TRUCK LEASING CO LP
Address:	213 E COX FERRY RD
City,State,Zip:	CONWAY, SC 29526

BU290 **BAUSCH LINNEMANN SOUTH CAROLINA LLC** **ECHO** **1014835003**
Target **201 E COX FERRY** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster BU

Actual:
39 ft.
Focus Map:
15

ECHO:

Envid:	1014835003
Registry ID:	110043556005
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110043556005
Name:	BAUSCH LINNEMANN SOUTH CAROLINA LLC
Address:	201 E COX FERRY
City,State,Zip:	CONWAY, SC 29526

BT291 **FORMER TWILIGHT STATION (PAN** **GWCI** **U003526130**
Target **1390 HWY 501 E BYPASS** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster BT

Actual:
40 ft.
Focus Map:
14

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	04974
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04974. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
BV292 **Target** **Property**	**FORMER TWILIGHT STATION (PANTRY 3150)** **1390 HWY 501 E BYPASS** **CONWAY, SC**	**LUST** **UST**	**U004291435** **N/A**

Site 1 of 2 in cluster BV

Actual:
40 ft.

Focus Map:
14

LUST:

Name:	FORMER TWILIGHT STATION (PANTRY 31
Address:	1390 HWY 501 E BYPASS
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	04974
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	JORDAN, V
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/24/2016
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/31/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	108

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.009
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	JORDAN
RP Address:	PO BOX 547
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-0547
SCRBCA Class Code:	CLASS3BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	FORMER TWILIGHT STATION (PANTRY 3150)
Address:	1390 HWY 501 E BYPASS
City:	CONWAY
Facility ID:	04974
Permit:	N 04974
Owner:	JORDAN, V L
Owner Address:	PO BOX 547

FORMER TWILIGHT STATION (PANTRY 3150) (Continued) **U004291435**

Owner City, st, zip: CONWAY SC 29526-0547
Owner Phone: 803-347-3996

Tank ID: 1
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: Not reported

Name: FORMER TWILIGHT STATION (PANTRY 3150)
Address: 1390 HWY 501 E BYPASS
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 2000
Product: Gasoline
Calcage: Not reported

Name: FORMER TWILIGHT STATION (PANTRY 3150)
Address: 1390 HWY 501 E BYPASS
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 2000
Product: Gasoline
Calcage: Not reported

BV293 **CIRCLE K 2723150** **UST** **U004254796**
Target **1390 HWY 501 E** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster BV

Actual:
40 ft.

Focus Map:
14

UST:
Name: CIRCLE K 2723150
Address: 1390 HWY 501 E
City: CONWAY
Facility ID: 17320
Permit: P 17320
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Currently in Use**
Capacity: 12000
Product: Gasoline RUL
Calcage: 0

Name: CIRCLE K 2723150
Address: 1390 HWY 501 E
City: CONWAY

Tank ID: 2
Status: **Currently in Use**

CIRCLE K 2723150 (Continued) **U004254796**

Capacity:	12000
Product:	Diesel fuel
Calcage:	0
Name:	CIRCLE K 2723150
Address:	1390 HWY 501 E
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	0

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294 **FOOD CHIEF 35** **EDR Hist Auto** **1020337599**
Target **1600 HIGHWAY 501 E** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
41 ft.
Focus Map:
14

Year:	Name:	Type:
2000	FOOD CHIEF 35	Gasoline Service Stations
2001	FOOD CHIEF 35	Gasoline Service Stations
2002	FOOD CHIEF 35	Gasoline Service Stations
2003	FOOD CHIEF 35	Gasoline Service Stations
2004	FOOD CHIEF 35	Gasoline Service Stations
2005	FOOD CHIEF 35	Gasoline Service Stations
2006	FOOD CHIEF 35	Gasoline Service Stations
2007	FOOD CHIEF 35	Gasoline Service Stations
2008	FOOD CHIEF 35	Gasoline Service Stations
2009	FOOD CHIEF 35	Gasoline Service Stations
2010	FOOD CHIEF 35	Gasoline Service Stations
2011	FOOD CHIEF 35	Gasoline Service Stations
2012	FOOD CHIEF 35	Gasoline Service Stations
2013	FOOD CHIEF 35	Gasoline Service Stations

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295 **PYA MONARCH INC** **LUST** **U003558376**
Target **HWY 501 E** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

LUST:

Actual:
41 ft.
Focus Map:
15

Name:	PYA MONARCH INC
Address:	HWY 501 E
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05030
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PYA MONARCH INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/10/2014
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	08/09/1989
EID:	Not reported

PYA MONARCH INC (Continued) **U003558376**

Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	08/11/1989
Prefix:	Not reported
Total Score:	2470

LUST:

Release Date:	08/09/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	1
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	08/11/1989
RP Name:	PYA MONARCH
RP Address:	107 FREDERICK
RP City:	GREENVILLE
RP State:	SC
RP Zip:	29602-1328
SCRBCA Class Code:	CLASS2AA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	PYA MONARCH INC
Address:	HWY 501 E
City:	CONWAY
Facility ID:	05030
Permit:	N 05030
Owner:	PYA MONARCH INC
Owner Address:	HWY 501 E
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	803-347-4691

Tank ID:	1
Status:	**Abandoned**
Capacity:	12000
Product:	Diesel fuel
Calcage:	Not reported

Name:	PYA MONARCH INC
Address:	HWY 501 E
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	7500
Product:	Diesel fuel
Calcage:	Not reported

Name:	PYA MONARCH INC

PYA MONARCH INC (Continued) **U003558376**

Address: HWY 501 E
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 7500
Product: Diesel fuel
Calcage: 0

Name: PYA MONARCH INC
Address: HWY 501 E
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 500
Product: Waste oil, burnt oil, used oil
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05030
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: No
Monitoring: No
Remediation: Yes
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05030. RBCA Classification 2AA4. Active corrective action.

296 **EAGLE TRANSMISSIONS** **EDR Hist Auto** **1021449001**
Target **473 HIGHWAY 544 UNIT 4** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Auto

Actual:
40 ft.
Focus Map:
14

Year:	Name:	Type:
2003	EAGLE TRANSMISSIONS	Automotive Transmission Repair Shops
2004	EAGLE TRANSMISSIONS	Automotive Transmission Repair Shops
2005	EAGLE TRANSMISSIONS	Automotive Transmission Repair Shops
2006	EAGLE TRANSMISSIONS	Automotive Transmission Repair Shops
2007	EAGLE TRANSMISSIONS	Automotive Transmission Repair Shops
2008	EAGLE TRANSMISSIONS	Automotive Transmission Repair Shops

---

297 **SKIPPERS CLEANERS LLC** **EDR Hist Cleaner** **1020088659**
Target **1925 HIGHWAY 544** **N/A**
Property **CONWAY, SC 29526**

EDR Hist Cleaner

Actual:
41 ft.
Focus Map:
14

Year:	Name:	Type:
2006	SKIPPERS CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2007	SKIPPERS CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2008	SKIPPERS CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2009	SKIPPERS CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2010	SKIPPERS CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2011	SKIPPERS CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC

---

298 **B3C FUEL SOLUTIONS LLC** **ECHO** **1025925385**
Target **108 DAYTONA ST** **N/A**
Property **CONWAY, SC 29526**

Actual:
42 ft.
Focus Map:
15

ECHO:

Envid:	1025925385
Registry ID:	110070633467
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070633467
Name:	B3C FUEL SOLUTIONS LLC
Address:	108 DAYTONA ST
City,State,Zip:	CONWAY, SC 29526

---

299 **COASTAL CLEANERS** **DRYCLEANERS** **S119122354**
Target **217 LABONTE STREET** **N/A**
Property **CONWAY, SC**

Actual:
41 ft.
Focus Map:
15

Drycleaners:

BLWM Number:	58266
Rank:	N
Priority Group Explanation:	N

300 QUICK SHOP **LUST U003629218**
Target 5100 KATES BAY HWY **UST N/A**
Property CONWAY, SC

Actual:
33 ft.
Focus Map:
12

LUST:

Name:	QUICK SHOP
Address:	5100 KATES BAY HWY
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	10324
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	PARAGON PROPERTIES MYR
Tank Owner Last Name:	GRAHAM
Tank Owner First name:	DENNIS
NFA Date:	10/24/2007
Tank Owner City:	CONWAY
Confirmed Date:	03/20/1992
Release Date:	12/23/1991
EID:	1758725
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BD
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	QUIK SHOP CONVENIENCE INC
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	03/20/1992
Prefix:	P
Total Score:	2

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	10/05/2007
Depth to Ground Water:	7.950
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	MARTIN
RP Address:	6817 HWY 804
RP City:	CONWAY
RP State:	SC
RP Zip:	29527
SCRBCA Class Code:	CLASS3BD
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

UST:

Name:	QUICK SHOP
Address:	5100 KATES BAY HWY
City:	CONWAY
Facility ID:	10324
Permit:	P 10324
Owner:	PARAGON PROPERTIES MYRTLE BEACH LLC
Owner Address:	1270 BURCALE RD
Owner City, st, zip:	MYRTLE BEACH SC 29579-8361
Owner Phone:	843-503-3691

QUICK SHOP (Continued) **U003629218**

Tank ID:	1
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	0
Name:	QUICK SHOP
Address:	5100 KATES BAY HWY
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	0
Name:	QUICK SHOP
Address:	5100 KATES BAY HWY
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	QUICK SHOP
Address:	5100 KATES BAY HWY
City:	CONWAY
Tank ID:	4
Status:	**Currently in Use**
Capacity:	3000
Product:	Diesel fuel
Calcage:	0

---

301 **SCOTCHMAN 3118** **LUST** **U003628733**
Target **510 HWY 544** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Actual:
41 ft.

Focus Map:
14

LUST:

Name:	SCOTCHMAN 3118
Address:	510 HWY 544
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05161
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	RI CS5 LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	12/12/2011
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported

SCOTCHMAN 3118 (Continued) **U003628733**

Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	56

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	12/12/2011
Depth to Ground Water:	2
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3AC
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 3118
Address:	510 HWY 544
City:	CONWAY
Facility ID:	05161
Permit:	P 05161
Owner:	RI CS5 LLC
Owner Address:	11995 EL CAMINO REAL
Owner City, st, zip:	SAN DIEGO CA 92130
Owner Phone:	760-741-2111

Tank ID:	1
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline
Calcage:	5

Name:	SCOTCHMAN 3118
Address:	510 HWY 544
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline
Calcage:	5

Name:	SCOTCHMAN 3118
Address:	510 HWY 544
City:	CONWAY

SCOTCHMAN 3118 (Continued) **U003628733**

Tank ID: 3
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: SCOTCHMAN 3118
Address: 510 HWY 544
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Kerosene
Calcage: 5

Name: SCOTCHMAN 3118
Address: 510 HWY 544
City: CONWAY

Tank ID: 5
Status: **Currently in Use**
Capacity: 12000
Product: Gasoline RUL
Calcage: 0

Name: SCOTCHMAN 3118
Address: 510 HWY 544
City: CONWAY

Tank ID: 6
Status: **Currently in Use**
Capacity: 12000
Product: Gasoline Super/Prem
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05161
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True

SCOTCHMAN 3118 (Continued) **U003628733**

Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05161. RBCA Classification 3AC3. Monitored Natural Attenuation.

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302 **COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS** **RCRA-VSQG** **1000387676**
Target **100 CHANTICLEER DRIVE EAST** **SCD982166761**
Property **CONWAY, SC 29526**

Actual:
41 ft.

Focus Map:
14

RCRA Listings:

Date Form Received by Agency:	2019-10-29 00:00:00.0
Handler Name:	COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS
Handler Address:	100 CHANTICLEER DRIVE EAST
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD982166761
Contact Name:	BOYD HOLT
Contact Address:	PO BOX 261954
Contact City,State,Zip:	CONWAY, SC 29528
Contact Telephone:	843-349-2817
Contact Fax:	Not reported
Contact Email:	BHOLT@COASTAL.EDU
Contact Title:	EHS DIRECTOR
EPA Region:	04
Land Type:	State
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 261954
Mailing City,State,Zip:	CONWAY, SC 29528
Owner Name:	STATE OF SC
Owner Type:	State
Operator Name:	COSTAL CAROLINA UNIVERSITY
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS (Continued) **1000387676**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Subpart K - College
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-30 10:45:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002

COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS (Continued) **1000387676**

Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: U001
Waste Description: ACETALDEHYDE (I) (OR) ETHANAL (I)

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U056
Waste Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Waste Code: U117
Waste Description: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: COSTAL CAROLINA UNIVERSITY STATE OF SC
Legal Status: State
Date Became Current: 2015-10-12 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 261
Owner/Operator City,State,Zip: CONWAY, SC 29528
Owner/Operator Telephone: 843-349-3161
Owner/Operator Telephone Ext: Not reported

COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS (Continued) **1000387676**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTAL CAROLINA UNIVERSITY
Legal Status:	State
Date Became Current:	2015-10-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	470 ALLIED DR UNIT B
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-349-3161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTAL CAROLINA UNIVERSITY STATE OF SC
Legal Status:	State
Date Became Current:	2015-10-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 261
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-349-3161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STATE OF SC
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STATE OF SC
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	HIGHWAY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET

COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS (Continued) **1000387676**

Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTAL CAROLINA UNIVERSITY
Legal Status:	State
Date Became Current:	2015-10-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 261
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	843-349-3161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name:	STATE OF SC
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	2015-10-12 00:00:00.
Owner/Operator Address:	HIGHWAY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1988-06-14 00:00:00.0
Handler Name:	COASTAL CAROLINA COLLEGE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-27 00:00:00.0
Handler Name:	COASTAL CAROLINA COLLEGE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS (Continued) **1000387676**

Receive Date:	2015-10-12 00:00:00.0
Handler Name:	COASTAL CAROLINA COLLEGE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-10-29 00:00:00.0
Handler Name:	COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	611310
NAICS Description:	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

303
Target
Property

CIRCLE K 2723881
3656 HWY 701 S
CONWAY, SC

UST **U003868966**
N/A

Actual:
17 ft.

Focus Map:
13

UST:

Name:	CIRCLE K 2723881
Address:	3656 HWY 701 S
City:	CONWAY
Facility ID:	18852
Permit:	P 18852
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000

CIRCLE K 2723881 (Continued) **U003868966**

Product: Gasoline RUL
Calcage: 0

Name: CIRCLE K 2723881
Address: 3656 HWY 701 S
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 15000
Product: Diesel fuel
Calcage: 0

Name: CIRCLE K 2723881
Address: 3656 HWY 701 S
City: CONWAY

Tank ID: 3
Status: **Currently in Use**
Capacity: 12000
Product: Gasoline Super/Prem
Calcage: 0

---

304 RUSSELL WISE **ECHO** **1010162409**
Target EDWARDS ROAD **N/A**
Property CONWAY, SC 29526

Actual:
39 ft.

Focus Map:
14

ECHO:
Envid: 1010162409
Registry ID: 110030473155
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110030473155
Name: RUSSELL WISE
Address: EDWARDS ROAD
City,State,Zip: CONWAY, SC 29526

BW305 CIRCLE K 2723225 **LUST** **U003666071**
Target 669 HWY 544 **UST** **N/A**
Property CONWAY, SC **GWCI**

Site 1 of 2 in cluster BW

Actual:
40 ft.

Focus Map:
14

LUST:
Name: CIRCLE K 2723225
Address: 669 HWY 544
City,State,Zip: CONWAY, SC 29526
Release Number: 1
Facility ID: 05229
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: CIRCLE K STORES INC
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: 12/20/1991
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: 07/07/1989

CIRCLE K 2723225 (Continued) **U003666071**

EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	LONGKH
Cleanup Initiated Date:	12/07/1989
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	08/13/1999
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.439
Ground Water Flow Direction:	SE
Release Number:	2
Confirmed date:	09/10/1999
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	MADABHUSHI, SRIRAM
Release Fin Type Code:	WS

Name:	CIRCLE K 2723225
Address:	669 HWY 544
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	05229
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/12/2006
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	08/13/1999
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MADABHS
Cleanup Initiated Date:	09/10/1999
Prefix:	Not reported
Total Score:	193

LUST:

CIRCLE K 2723225 (Continued) **U003666071**

Release Date:	08/13/1999
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.439
Ground Water Flow Direction:	SE
Release Number:	2
Confirmed date:	09/10/1999
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	MADABHUSHI, SRIRAM
Release Fin Type Code:	WS

Name:	CIRCLE K 2723225
Address:	669 HWY 544
City,State,Zip:	CONWAY, SC 29526
Release Number:	3
Facility ID:	05229
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/13/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/17/2013
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DOLLCS
Cleanup Initiated Date:	10/03/2013
Prefix:	Not reported
Total Score:	17

LUST:

Release Date:	08/13/1999
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.439
Ground Water Flow Direction:	SE
Release Number:	2
Confirmed date:	09/10/1999
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	MADABHUSHI, SRIRAM
Release Fin Type Code:	WS

CIRCLE K 2723225 (Continued) **U003666071**

UST:

Name:	CIRCLE K 2723225
Address:	669 HWY 544
City:	CONWAY
Facility ID:	05229
Permit:	R 05229
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574
Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5
Name:	CIRCLE K 2723225
Address:	669 HWY 544
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5
Name:	CIRCLE K 2723225
Address:	669 HWY 544
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	5
Name:	CIRCLE K 2723225
Address:	669 HWY 544
City:	CONWAY
Tank ID:	4
Status:	**Currently in Use**
Capacity:	4000
Product:	Diesel fuel
Calcage:	5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05229
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO

CIRCLE K 2723225 (Continued) **U003666071**

Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05229. RBCA Classification 3BF8. Awaiting Funding.

BW306 **PANTRY INC** **EDR Hist Auto** **1021628152**
Target **669 HIGHWAY 544** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster BW

Actual:
40 ft.

EDR Hist Auto

Focus Map:
14

Year:	Name:	Type:
2004	FOOD CHIEF	Supermarkets
2007	PANTRY INC	Gasoline Service Stations
2008	PANTRY INC	Gasoline Service Stations
2009	PANTRY INC	Gasoline Service Stations
2010	PANTRY INC	Gasoline Service Stations
2011	PANTRY INC	Gasoline Service Stations
2012	PANTRY INC	Gasoline Service Stations
2013	PANTRY INC	Gasoline Service Stations

307 **JIFFY SHOP** **LUST** **U003628555**
Target **695 HWY SC 544** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Actual:
39 ft.

Focus Map:
14

LUST:

Name:	JIFFY SHOP
Address:	695 HWY SC 544
City,State,Zip:	CONWAY, SC 29526-8417
Release Number:	1
Facility ID:	04988
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	LEWIS, DAVID
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/01/2004
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	08/20/1990
Prefix:	Not reported
Total Score:	11

LUST:

Release Date:	12/30/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	08/20/1990
RP Name:	LEWIS
RP Address:	973 HWY 90
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-7520
SCRBCA Class Code:	CLASS2BB
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

UST:

Name:	JIFFY SHOP
Address:	695 HWY SC 544
City:	CONWAY
Facility ID:	04988
Permit:	R 04988
Owner:	LEWIS, DAVID C
Owner Address:	973 HWY 90
Owner City, st, zip:	CONWAY SC 29526-7520
Owner Phone:	843-347-3560

JIFFY SHOP (Continued) **U003628555**

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: JIFFY SHOP
Address: 695 HWY SC 544
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: JIFFY SHOP
Address: 695 HWY SC 544
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: JIFFY SHOP
Address: 695 HWY SC 544
City: CONWAY

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: JIFFY SHOP
Address: 695 HWY SC 544
City: CONWAY

Tank ID: Not reported
Status: **Not reported**
Capacity: Not reported
Product: Not reported
Calcage: Not reported

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 04988
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False

JIFFY SHOP (Continued) **U003628555**

Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04988. RBCA Classification 2BB7. Approved Monitored Natural Attenuation (MNA Awaiti.

BX308 **COASTAL CAROLINA UNIVERSITY EAST CAMPUS** **ECHO** **1026008052**
Target **301 ALLIED DR** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 5 in cluster BX

Actual:
43 ft.
Focus Map:
21

ECHO:

Envid:	1026008052
Registry ID:	110002236946
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002236946
Name:	COASTAL CAROLINA UNIVERSITY EAST CAMPUS
Address:	301 ALLIED DR
City,State,Zip:	CONWAY, SC 29526

BX309 **COASTAL CAROLINA UNIVERSITY EAST CAMPUS** **RCRA-SQG** **1004781061**
Target **301 ALLIED DR** **SCR000007161**
Property **CONWAY, SC 29526**

Site 2 of 5 in cluster BX

Actual:
43 ft.
Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2019-10-29 00:00:00.0
Handler Name:	COASTAL CAROLINA UNIVERSITY EAST CAMPUS
Handler Address:	301 ALLIED DR
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000007161
Contact Name:	BOYD HOLT
Contact Address:	PO BOX 261954

COASTAL CAROLINA UNIVERSITY EAST CAMPUS (Continued) **1004781061**

Contact City,State,Zip:	CONWAY, SC 29528
Contact Telephone:	843-347-2817
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 261954
Mailing City,State,Zip:	CONWAY, SC 29528
Owner Name:	THE MATCO GROUP
Owner Type:	Private
Operator Name:	COASTAL CAROLINA UNIVERSITY EHS DEPT
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Subpart K - College
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

COASTAL CAROLINA UNIVERSITY EAST CAMPUS (Continued) **1004781061**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-31 10:08:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D009
Waste Description:	MERCURY

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COASTAL CAROLINA UNIVERSITY
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 261954
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE MATCO GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	320 N JENSEN RD
Owner/Operator City,State,Zip:	VESTAL, NY 13850
Owner/Operator Telephone:	607-729-8973
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

COASTAL CAROLINA UNIVERSITY EAST CAMPUS (Continued) **1004781061**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE MATCO GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	320 N JENSEN RD
Owner/Operator City,State,Zip:	VESTAL, NY 13850
Owner/Operator Telephone:	607-729-8973
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL CAROLINA UNIVERSITY EHS DEPT
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	470 ALLIED DR UNIT B
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-30 00:00:00.0
Handler Name:	CAROLINA ASSEMBLIES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-10-29 00:00:00.0
Handler Name:	COASTAL CAROLINA UNIVERSITY EAST CAMPUS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	611310
NAICS Description:	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

COASTAL CAROLINA UNIVERSITY EAST CAMPUS (Continued) **1004781061**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

BX310 **ALLIED MANUFACTURING INDUSTRY LLC** **ECHO** **1016125588**
Target **370 ALLIED DRIVE** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 5 in cluster BX

Actual:
42 ft.
Focus Map:
21

ECHO:

Envid:	1016125588
Registry ID:	110015780467
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015780467
Name:	ALLIED MANUFACTURING INDUSTRY LLC
Address:	370 ALLIED DRIVE
City,State,Zip:	CONWAY, SC 29526

BX311 **PPM CRANES INCORPORATED** **ECHO** **1016117651**
Target **370 ALLIED DRIVE** **N/A**
Property **CONWAY, SC 29526**

Site 4 of 5 in cluster BX

Actual:
42 ft.
Focus Map:
21

ECHO:

Envid:	1016117651
Registry ID:	110000353894
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000353894
Name:	PPM CRANES INCORPORATED
Address:	370 ALLIED DRIVE
City,State,Zip:	CONWAY, SC 29526

BX312 **METGLAS INC** **RCRA-SQG** **1000248743**
Target **440 ALLIED DR** **ECHO** **SCD987566817**
Property **CONWAY, SC 29526**

Site 5 of 5 in cluster BX

Actual:
42 ft.
Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2020-01-24 00:00:00.0
Handler Name:	METGLAS INC
Handler Address:	440 ALLIED DR
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD987566817
Contact Name:	JOHN SCHWINDEL
Contact Address:	440 ALLIED DR
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-349-7310
Contact Fax:	Not reported
Contact Email:	JOHN.SCHWINDEL@METGLAS.COM

METGLAS INC (Continued) **1000248743**

Contact Title:	HSE LEADER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	440 ALLIED DR
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	HITACHI METALS AMERICA LLC
Owner Type:	Private
Operator Name:	HITACHI METALS AMERICA LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

METGLAS INC (Continued) **1000248743**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-24 12:19:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2015

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Year: 2011

Click Here for Biennial Reporting System Data:

Year: 2009

Click Here for Biennial Reporting System Data:

Year: 2007

Click Here for Biennial Reporting System Data:

Year: 2005

Click Here for Biennial Reporting System Data:

Year: 2003

Click Here for Biennial Reporting System Data:

Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

METGLAS INC (Continued) **1000248743**

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U228
Waste Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: Not reported
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: METGLAS INC
Legal Status: Private
Date Became Current: 1980-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 440 ALLIED DR
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: Not reported

METGLAS INC (Continued) **1000248743**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	METGLAS INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONEYWELL INTERNATIONAL INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 COLUMBIA RD
Owner/Operator City,State,Zip:	MORRISTOWN, NJ 07962
Owner/Operator Telephone:	973-455-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONEYWELL INTERNATIONAL INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2003-08-26 00:00:00.

METGLAS INC (Continued) **1000248743**

Owner/Operator Address:	101 COLUMBIA RD
Owner/Operator City,State,Zip:	MORRISTOWN, NJ 07962
Owner/Operator Telephone:	973-455-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	METGLAS INC

MAP FINDINGS

METGLAS INC (Continued) **1000248743**

Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2003-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 ALLIED DR
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-349-6800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 ALLIED DR
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

METGLAS INC (Continued) **1000248743**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

METGLAS INC (Continued) **1000248743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2003-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 ALLIED DR
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-349-6800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2003-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 ALLIED DR
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-349-6800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2003-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 ALLIED DR
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-349-6800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301

METGLAS INC (Continued) **1000248743**

Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2004-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 ALLIED DR
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONEYWELL INTERNATIONAL INC
Legal Status:	Private

METGLAS INC (Continued) **1000248743**

Date Became Current:	Not reported
Date Ended Current:	2003-08-26 00:00:00.
Owner/Operator Address:	101 COLUMBIA RD
Owner/Operator City,State,Zip:	MORRISTOWN, NJ 07962
Owner/Operator Telephone:	973-455-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	METGLAS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HITACHI METALS AMERICA LLC
Legal Status:	Private
Date Became Current:	2016-01-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 MANHATTANVILLE RD STE 301
Owner/Operator City,State,Zip:	PURCHASE, NY 10577
Owner/Operator Telephone:	914-614-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONEYWELL INTERNATIONAL INC
Legal Status:	Private
Date Became Current:	2004-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 ALLIED DR
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-12-31 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

METGLAS INC (Continued) **1000248743**

Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-01 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-01 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-01 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-01 00:00:00.0
Handler Name:	HONEYWELL INTERNATIONAL INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-05-01 00:00:00.0
Handler Name:	HONEYWELL INTERNATIONAL INC
Federal Waste Generator Description:	Large Quantity Generator

METGLAS INC (Continued) **1000248743**

State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2003-09-09 00:00:00.0
Handler Name: METGLAS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2004-07-23 00:00:00.0
Handler Name: METGLAS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2013-03-08 00:00:00.0
Handler Name: METGLAS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-01-15 00:00:00.0
Handler Name: METGLAS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

METGLAS INC (Continued) **1000248743**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-01 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-01-26 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2019-01-22 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2020-01-24 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

METGLAS INC (Continued) **1000248743**

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	HONEYWELL INTERNATIONAL INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-01 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-01 00:00:00.0
Handler Name:	METGLAS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

NAICS Code:	33111

METGLAS INC (Continued) **1000248743**

NAICS Description: IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

NAICS Code: 333511
NAICS Description: INDUSTRIAL MOLD MANUFACTURING

NAICS Code: 33511
NAICS Description: ELECTRIC LAMP BULB AND PART MANUFACTURING

NAICS Code: 339999
NAICS Description: ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2015-06-22 00:00:00.0
Actual Return to Compliance Date: 2015-06-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2015-07-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

METGLAS INC (Continued) **1000248743**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

METGLAS INC (Continued) **1000248743**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

METGLAS INC (Continued) **1000248743**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

METGLAS INC (Continued) **1000248743**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2019-04-02 00:00:00.0
Actual Return to Compliance Date: 2019-04-18 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2019-04-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

METGLAS INC (Continued) **1000248743**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2000-01-17 00:00:00.0
Actual Return to Compliance Date: 2000-03-08 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 2000-02-28 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 2000-01-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

METGLAS INC (Continued) **1000248743**

Enforcement Responsible Person: SCBCH
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2011-09-16 00:00:00.0
Actual Return to Compliance Date: 2011-09-16 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2011-09-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2000-01-17 00:00:00.0

METGLAS INC (Continued) **1000248743**

Actual Return to Compliance Date:	2000-03-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2000-02-28 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	2000-01-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCBCH
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

METGLAS INC (Continued) **1000248743**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2019-04-02 00:00:00.0
Actual Return to Compliance Date: 2019-04-18 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 2019-04-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

METGLAS INC (Continued) **1000248743**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2011-09-16 00:00:00.0
Actual Return to Compliance Date:	2011-09-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2011-09-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

METGLAS INC (Continued) **1000248743**

Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2011-09-16 00:00:00.0
Actual Return to Compliance Date: 2011-09-16 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2011-09-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2015-06-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes

METGLAS INC (Continued) **1000248743**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2015-06-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-03-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-03-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

METGLAS INC (Continued) **1000248743**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2019-04-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-05-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-01-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2000-03-08 00:00:00.0
Scheduled Compliance Date:	2000-02-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

METGLAS INC (Continued) **1000248743**

Evaluation Date:	2011-09-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2011-09-16 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-01-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2000-03-08 00:00:00.0
Scheduled Compliance Date:	2000-02-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2019-04-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK

METGLAS INC (Continued) **1000248743**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-09-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2011-09-16 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-09-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2011-09-16 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000248743
Registry ID:	110001669506
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001669506
Name:	METGLAS INC
Address:	440 ALLIED DR
City,State,Zip:	CONWAY, SC 29526

313
Target
Property

WEAVER COMPANY/COX FERRY MN #1
825 W COX FERRY RD
CONWAY, SC 29526

ECHO **1004595312**
N/A

Actual:
45 ft.

Focus Map:
20

ECHO:

Envid:	1004595312
Registry ID:	110007400133
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007400133
Name:	WEAVER COMPANY/COX FERRY MN #2
Address:	825 WEST COX FERRY ROAD
City,State,Zip:	CONWAY, SC 29526

314 Target Property	**GROVE MANUFACTURING CO. S.W. OF HWY 501 ACROSS FROM COASTAL CARO CONWAY, SC 29526**	**SEMS-ARCHIVE**	**1015736409 SCD073702730**

Actual:
40 ft.

Focus Map:
21

SEMS Archive:

Site ID:	0405024
EPA ID:	SCD073702730
Name:	GROVE MANUFACTURING CO.
Address:	S.W. OF HWY 501 ACROSS FROM COASTAL CARO
Address 2:	Not reported
City,State,Zip:	CONWAY, SC 29526
Cong District:	06
FIPS Code:	45051
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	04
Site ID:	0405024
EPA ID:	SCD073702730
Site Name:	GROVE MANUFACTURING CO.
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1993-02-11 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	04
Site ID:	0405024
EPA ID:	SCD073702730
Site Name:	GROVE MANUFACTURING CO.
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1988-10-24 04:00:00
Finish Date:	1988-10-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	04
Site ID:	0405024
EPA ID:	SCD073702730
Site Name:	GROVE MANUFACTURING CO.
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1991-03-08 05:00:00

GROVE MANUFACTURING CO. (Continued) **1015736409**

Qual:	H
Current Action Lead:	St Perf
Region:	04
Site ID:	0405024
EPA ID:	SCD073702730
Site Name:	GROVE MANUFACTURING CO.
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1993-02-11 05:00:00
Qual:	N
Current Action Lead:	St Perf

---

315 **WETLANDS (DR. ARTURO MACASINAG)** **ECHO** **1007261315**
Target **932 COX FERRY CIRCLE (ADJ. TO BIG LAKE)** **N/A**
Property **CONWAY, SC 29626**

Actual: 17 ft.
Focus Map: 20

ECHO:

Envid:	1007261315
Registry ID:	110017346763
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017346763
Name:	WETLANDS (DR. ARTURO MACASINAG)
Address:	932 COX FERRY CIRCLE (ADJ. TO BIG LAKE)
City,State,Zip:	CONWAY, SC 29626

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316 **HORRY COUNTY SCHOOL DISTRICT MAINTENANCE FACILITY** **LUST** **U003523353**
Target **2205 HWY 501 W** **UST** **N/A**
Property **CONWAY, SC**

Actual: 42 ft.
Focus Map: 21

LUST:

Name:	HORRY COUNTY SCHOOL DISTRICT MAIN
Address:	2205 HWY 501 W
City,State,Zip:	CONWAY, SC 29528
Release Number:	1
Facility ID:	10368
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	HORRY COUNTY SCHOOLS
Tank Owner Last Name:	HORRY COUNTY SCHOOLS
Tank Owner First name:	Not reported
NFA Date:	03/19/2012
Tank Owner City:	CONWAY
Confirmed Date:	09/13/2011
Release Date:	09/13/2011
EID:	77509304
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	4BC
Release Fin Type Code:	WI
Qualified:	Y
Release Source:	UST

HORRY COUNTY SCHOOL DISTRICT MAINTENANCE FACILITY (Continued) **U003523353**

Local Fac Last Name:	HORRY COUNTY SCHOOL DISTRICT MAINTENANCE FACILITY
Local Fac First Name:	Not reported
User Name:	SHRADEAA
Cleanup Initiated Date:	09/13/2011
Prefix:	P
Total Score:	0

LUST:

Release Date:	09/13/2011
Cleanup Complete Date:	03/19/2012
Depth to Ground Water:	9.910
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/13/2011
RP Name:	HORRY COUNTY SCHOOL DISTRICT
RP Address:	1605 HORRY ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29528-6005
SCRBCA Class Code:	CLASS4BC
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WI

UST:

Name:	HORRY COUNTY SCHOOL DISTRICT MAINTENANCE FACILITY
Address:	2205 HWY 501 W
City:	CONWAY
Facility ID:	10368
Permit:	P 10368
Owner:	HORRY COUNTY SCHOOLS
Owner Address:	PO BOX 260005
Owner City, st, zip:	CONWAY SC 29528-6005
Owner Phone:	843-488-6711

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0

---

317 **D & L SITEWORK/CATES BAY MINE** **ECHO** **1007846042**
Target **PEE DEE HWY (SC-24)** **N/A**
Property **CONWAY, SC 29527**

Actual:
13 ft.

Focus Map:
17

ECHO:

Envid:	1007846042
Registry ID:	110020149132
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110020149132
Name:	D & L SITEWORK/CATES BAY MINE
Address:	PEE DEE HWY (SC-24)
City,State,Zip:	CONWAY, SC 29527

318 **FAY MARTINS GROCERY** **UST** **U003521216**
Target **6251 KATES BAY HWY** **N/A**
Property **CONWAY, SC**

Actual:
19 ft.

Focus Map:
18

UST:

Name:	FAY MARTINS GROCERY
Address:	6251 KATES BAY HWY
City:	CONWAY
Facility ID:	15203
Permit:	N 15203
Owner:	MARTIN, FAY S
Owner Address:	6251 KATES BAY HWY
Owner City, st, zip:	CONWAY SC 29527-6367
Owner Phone:	803-397-3390
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	15

BY319 **HD SUPPLY WATERWORKS LTD WW2320** **ECHO** **1009313876**
Target **157 WINYAH RD** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster BY

Actual:
38 ft.

Focus Map:
21

ECHO:

Envid:	1009313876
Registry ID:	110024439963
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110024439963
Name:	HD SUPPLY WATERWORKS LTD WW2320
Address:	157 WINYAH RD
City,State,Zip:	CONWAY, SC 29526

BY320 **C R JACKSON INC CONWAY PLANT #404** **ECHO** **1016123750**
Target **154 WINYAH RD** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster BY

Actual:
38 ft.

Focus Map:
21

ECHO:

Envid:	1016123750
Registry ID:	110017205157
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017205157
Name:	APAC ATLANTIC INCORPORATED CONWAY PLANT #404
Address:	154 WINYAH ROAD
City,State,Zip:	CONWAY, SC 29526

321 **MINUTEMAN FOOD MART 56** **LUST** **U004291968**
Target **2230 HWY 501 W (CHURCH ST)** **UST** **N/A**
Property **CONWAY, SC**

Actual:
44 ft.

Focus Map:
21

LUST:

Name:	MINUTEMAN FOOD MART 56
Address:	2230 HWY 501 W (CHURCH ST)
City,State,Zip:	CONWAY, SC 29526-2964
Release Number:	1
Facility ID:	16620
Release Status Number:	8
Substance:	PETROL
Tank Owner Company Name:	THE GAS MART INC
Tank Owner Last Name:	YAM CITY OIL & GAS CO
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	TABOR CITY
Confirmed Date:	05/03/2011
Release Date:	04/28/2011
EID:	75177441
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CASH & DASH 8
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	05/03/2011
Prefix:	P
Total Score:	319

LUST:

Release Date:	04/28/2011
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.009
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	05/03/2011
RP Name:	YAM CITY OIL & GAS CO
RP Address:	PO BOX 715
RP City:	TABOR CITY
RP State:	NC
RP Zip:	28463-0715
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	W25

UST:

Name:	MINUTEMAN FOOD MART 56
Address:	2230 HWY 501 W (CHURCH ST)
City:	CONWAY
Facility ID:	16620
Permit:	P 16620
Owner:	THE GAS MART INC
Owner Address:	PO BOX 39
Owner City, st, zip:	ELIZABETHTOWN NC 28337
Owner Phone:	910-862-8423

MINUTEMAN FOOD MART 56 (Continued) **U004291968**

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0
Name:	MINUTEMAN FOOD MART 56
Address:	2230 HWY 501 W (CHURCH ST)
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	20000
Product:	Diesel fuel
Calcage:	0
Name:	MINUTEMAN FOOD MART 56
Address:	2230 HWY 501 W (CHURCH ST)
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	0

BZ322 **SCHAFER DIST CO** **UST** **U003525024**
Target **140 WINYAH RD** **N/A**
Property **CONWAY, SC**

Site 1 of 3 in cluster BZ

Actual:
38 ft.
Focus Map:
21

UST:

Name:	SCHAFER DIST CO
Address:	140 WINYAH RD
City:	CONWAY
Facility ID:	17538
Permit:	P 17538
Owner:	SMITH ROGERS OIL COMPANY
Owner Address:	3725 E HWY 76
Owner City, st, zip:	MULLINS SC 29574-0308
Owner Phone:	843-464-9577
Tank ID:	1
Status:	**Extended Out-of-Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

CA323	**LOWES OF CONWAY 1705**	**RCRA-SQG**	**1024893970**
Target	**2301 E HIGHWAY 501**		**SCR000785584**
Property	**CONWAY, SC 29526**		

Site 1 of 2 in cluster CA

Actual:
40 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2019-01-30 00:00:00.0
Handler Name:	LOWES OF CONWAY 1705
Handler Address:	2301 E HIGHWAY 501
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000785584
Contact Name:	BOBBI TENBORG
Contact Address:	LOWES BLVD
Contact City,State,Zip:	MOORESVILLE, NC 28117
Contact Telephone:	704-758-2955
Contact Fax:	Not reported
Contact Email:	BOBBI.I.TENBORG@LOWES.COM
Contact Title:	ENV COMPLIANCE
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	LOWES BLVD
Mailing City,State,Zip:	MOORESVILLE, NC 28117
Owner Name:	LOWES HOME CENTERS LLC
Owner Type:	Private
Operator Name:	LOWES HOME CENTERS LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

LOWES OF CONWAY 1705 (Continued) **1024893970**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-13 10:44:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER

LOWES OF CONWAY 1705 (Continued) **1024893970**

Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955

LOWES OF CONWAY 1705 (Continued) **1024893970**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-07-25 00:00:00.0
Handler Name:	LOWES OF CONWAY 1705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-01-30 00:00:00.0
Handler Name:	LOWES OF CONWAY 1705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	444110
NAICS Description:	HOME CENTERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

CA324 LOWES OF CONWAY 1705 **ECHO** **1024702640**
Target 2301 E HIGHWAY 501 **N/A**
Property CONWAY, SC 29526

Site 2 of 2 in cluster CA

Actual:
40 ft.

Focus Map:
21

ECHO:

Envid:	1024702640
Registry ID:	110070491036
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070491036
Name:	LOWES OF CONWAY 1705
Address:	2301 E HIGHWAY 501
City,State,Zip:	CONWAY, SC 29526

BZ325 **S&W CONWAY PLANT** **ECHO** **1007259895**
Target **130 WINYAH ROAD** **2952WSWCNW13WIN**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster BZ

Actual:
38 ft.
Focus Map:
21

ECHO:

Envid:	1007259895
Registry ID:	110055129579
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055129579
Name:	S & W READY MIX CONWAY
Address:	130 WINYAH RD
City,State,Zip:	CONWAY, SC 29526

BZ326 **S&W READY MIX CONCRETE COMPANY MYRTLE BEACH** **ECHO** **1006068798**
Target **130 WINYAH RD** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster BZ

Actual:
38 ft.
Focus Map:
21

ECHO:

Envid:	1006068798
Registry ID:	110056422679
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110056422679
Name:	S&W READY MIX CONCRETE COMPANY MYRTLE BEACH
Address:	130 WINYAH RD
City,State,Zip:	CONWAY, SC 29526

CB327 **COASTAL CLEANERS** **ECHO** **1011923972**
Target **2278 HWY 501 E** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 4 in cluster CB

Actual:
42 ft.
Focus Map:
21

ECHO:

Envid:	1011923972
Registry ID:	110037443282
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037443282
Name:	COASTAL CLEANERS
Address:	2278 HWY 501 E
City,State,Zip:	CONWAY, SC 29526

CB328 **COASTAL CLEANERS** **RCRA-VSQG** **1011491104**
Target **2278 HWY 501 E** **SCR000770024**
Property **CONWAY, SC 29526**

Site 2 of 4 in cluster CB

Actual:
42 ft.
Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2008-06-02 00:00:00.0
Handler Name:	COASTAL CLEANERS
Handler Address:	2278 HWY 501 E
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000770024
Contact Name:	RANDY STUTTS
Contact Address:	HWY 501 E
Contact City,State,Zip:	CONWAY, SC 29526

COASTAL CLEANERS (Continued) **1011491104**

Contact Telephone:	843-902-3580
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501 E
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	RANDY STUTTS
Owner Type:	Private
Operator Name:	RANDY STUTTS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

COASTAL CLEANERS (Continued) **1011491104**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-11-08 10:09:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDY STUTTS
Legal Status:	Private
Date Became Current:	2008-06-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2278 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-902-3580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDY STUTTS
Legal Status:	Private
Date Became Current:	2008-06-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2278 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-902-3580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-06-02 00:00:00.0
Handler Name:	COASTAL CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

COASTAL CLEANERS (Continued) **1011491104**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 812320
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2009-06-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: SCMM
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

COASTAL CLEANERS (Continued) **1011491104**

Request Agency:	Not reported
Former Citation:	Not reported

CB329 **COASTAL CLEANERS LLC** **EDR Hist Cleaner** **1019959211**
Target **2278 E HIGHWAY 501** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 4 in cluster CB

Actual: EDR Hist Cleaner
42 ft.

Focus Map:
21

Year:	Name:	Type:
1997	COASTAL CLEANERS COASTAL	Drycleaning Plants, Except Rugs, NEC
1998	COASTAL CLEANERS COASTAL	Drycleaning Plants, Except Rugs, NEC
1999	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2000	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2001	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2002	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2003	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2004	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2004	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2005	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2005	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2006	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2006	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2007	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2007	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2008	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2008	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2009	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2009	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2010	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2010	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2011	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2011	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2012	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2012	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2013	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2013	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2014	STUTTS & STUTTS INC	Drycleaning Plants, Except Rugs
2014	COASTAL CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC

CB330 **FAMILY DOLLAR 7970** **RCRA-VSQG** **1018160364**
Target **2294 EAST HWY 501** **ECHO** **SCR000781385**
Property **CONWAY, SC 29526**

Site 4 of 4 in cluster CB

Actual: RCRA Listings:
41 ft.

Focus Map:
21

Date Form Received by Agency:	2015-03-20 00:00:00.0
Handler Name:	FAMILY DOLLAR 7970
Handler Address:	2294 EAST HWY 501
Handler City,State,Zip:	CONWAY, SC 29526-9523
EPA ID:	SCR000781385
Contact Name:	KEVIN STRAIGHT

FAMILY DOLLAR 7970 (Continued) **1018160364**

Contact Address:	PO BOX 1017
Contact City,State,Zip:	CHARLOTTE, NC 28201
Contact Telephone:	704-708-1909
Contact Fax:	Not reported
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Title:	PROGRAM MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1017
Mailing City,State,Zip:	CHARLOTTE, NC 28201
Owner Name:	FAMILY DOLLAR STORES
Owner Type:	Private
Operator Name:	FAMILY DOLLAR STORES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

FAMILY DOLLAR 7970 (Continued) **1018160364**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-09-28 14:10:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

FAMILY DOLLAR 7970 (Continued) **1018160364**

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2015-03-20 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2015-03-20 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-03-20 00:00:00.0
Handler Name: FAMILY DOLLAR 7970
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45299
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FAMILY DOLLAR 7970 (Continued) **1018160364**

ECHO:
Envid: 1018160364
Registry ID: 110066986765
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110066986765
Name: FAMILY DOLLAR 7970
Address: 2294 EAST HWY 501
City,State,Zip: CONWAY, SC 29526

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331 **BRB CONSTRUCTION (MOBILE CRUSHING DIVISI** **ECHO** **1012218682**
Target **1999 PITCH LANDING RD** **N/A**
Property **CONWAY, SC 29527**

Actual:
35 ft.
Focus Map:
19

ECHO:
Envid: 1012218682
Registry ID: 110040507840
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110040507840
Name: BRB CONSTRUCTION (MOBILE CRUSHING DIVISI
Address: 1999 PITCH LANDING RD
City,State,Zip: CONWAY, SC 29527

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332 **SOUTHERN ASPHALT/EAGLE SOUTH** **ECHO** **1005679527**
Target **SWITCH (OLD CCC) RD** **N/A**
Property **CONWAY, SC 29526**

Actual:
42 ft.
Focus Map:
21

ECHO:
Envid: 1005679527
Registry ID: 110009811098
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009811098
Name: SOUTHERN ASPHALT/EAGLE SOUTH
Address: SWITCH (OLD CCC) RD
City,State,Zip: CONWAY, SC 29526

CC333 **COASTAL CONCRETE SOUTHEAST II LLC** **ECHO** **1005490735**
Target **69 PEBBLE RD** **N/A**
Property **BEAUFORT, SC 29902**

Site 1 of 3 in cluster CC

Actual:
38 ft.
Focus Map:
21

ECHO:
Envid: 1005490735
Registry ID: 110056422508
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056422508
Name: COASTAL CONCRETE SOUTHEAST II LLC
Address: 69 PEBBLE RD
City,State,Zip: BEAUFORT, SC 29902

CC334 **COASTAL CONCRETE MYRTLE BEACH** **ECHO** **1016119309**
Target **202 YEAGER DR** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster CC

Actual:
38 ft.
Focus Map:
21

ECHO:

Envid:	1016119309
Registry ID:	110001993745
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001993745
Name:	COASTAL CONCRETE MYRTLE BEACH
Address:	202 YEAGER DR
City,State,Zip:	CONWAY, SC 29526

CC335 **BONKLAN GLEN** **EDR Hist Auto** **1022038951**
Target **202 YEAGER AVE** **N/A**
Property **CONWAY, SC 29526**

Site 3 of 3 in cluster CC

Actual:
38 ft.
Focus Map:
21

EDR Hist Auto

Year:	Name:	Type:
2001	COASTAL MART INC	Gasoline Service Stations, NEC
2002	COASTAL MART INC	Gasoline Service Stations, NEC
2003	BONKLAN GLEN	Gasoline Service Stations, NEC
2004	BONKLAN GLEN	Gasoline Service Stations, NEC
2005	BONKLAN GLEN	Gasoline Service Stations, NEC
2006	BONKLAN GLEN	Gasoline Service Stations, NEC

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336 **SOUTHERN ASPHALT** **ECHO** **1004593648**
Target **229 YEAGER AVE** **N/A**
Property **CONWAY, SC 29526**

Actual:
39 ft.
Focus Map:
21

ECHO:

Envid:	1004593648
Registry ID:	110001993344
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001993344
Name:	SOUTHERN ASPHALT
Address:	229 YEAGER AVE
City,State,Zip:	CONWAY, SC 29526

CD337 **FOWLER MOTORS INC** **GWCI** **U003807378**
Target **2351 HWY 501** **N/A**
Property **CONWAY, SC 29528**

Site 1 of 3 in cluster CD

Actual:
39 ft.
Focus Map:
21

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05045
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO

FOWLER MOTORS INC (Continued) **U003807378**

Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05045. RBCA Classification 3BD3. Monitored Natural Attenuation.

CD338 **FOWLER MOTORS INCORPORATED** **ECHO** **1000280444**
Target **2351 HWY 501** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster CD

Actual:
39 ft.
Focus Map:
21

ECHO:

Envid:	1000280444
Registry ID:	110002330497
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330497
Name:	FOWLER MOTORS INCORPORATED
Address:	2351 HWY 501
City,State,Zip:	CONWAY, SC 29526

CD339 **FOWLER MOTORS** **SEMS-ARCHIVE** **1015736393**
Target **2351 HWY 501** **RCRA-VSQG** **SCD036126175**
Property **CONWAY, SC 29528**

Site 3 of 3 in cluster CD

Actual:
39 ft.
Focus Map:
21

SEMS Archive:

Site ID:	0403270
EPA ID:	SCD036126175
Name:	FOWLER MOTOR CO
Address:	HWY 501 EAST
Address 2:	Not reported

FOWLER MOTORS (Continued) **1015736393**

City,State,Zip: CONWAY, SC 29526
Cong District: 06
FIPS Code: 45051
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 04
Site ID: 0403270
EPA ID: SCD036126175
Site Name: FOWLER MOTOR CO
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1989-03-07 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 04
Site ID: 0403270
EPA ID: SCD036126175
Site Name: FOWLER MOTOR CO
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-02-01 05:00:00
Finish Date: 1981-02-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 04
Site ID: 0403270
EPA ID: SCD036126175
Site Name: FOWLER MOTOR CO
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1986-12-22 05:00:00
Qual: L
Current Action Lead: St Perf

Region: 04
Site ID: 0403270
EPA ID: SCD036126175
Site Name: FOWLER MOTOR CO
NPL: N

FOWLER MOTORS (Continued) **1015736393**

FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	1989-01-04 05:00:00
Finish Date:	1989-03-07 05:00:00
Qual:	N
Current Action Lead:	St Perf

RCRA Listings:

Date Form Received by Agency:	2000-06-07 00:00:00.0
Handler Name:	FOWLER MOTORS
Handler Address:	2351 HWY 501
Handler City,State,Zip:	CONWAY, SC 29528
EPA ID:	SCD036126175
Contact Name:	FRANKIE CROLLEY
Contact Address:	PO BOX 799
Contact City,State,Zip:	CONWAY, SC 29528
Contact Telephone:	843-347-4271
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 799
Mailing City,State,Zip:	CONWAY, SC 29528
Owner Name:	KEN RICHARDSON
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

FOWLER MOTORS (Continued) **1015736393**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

FOWLER MOTORS (Continued) **1015736393**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: KEN RICHARDSON
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 799
Owner/Operator City,State,Zip: CONWAY, SC 29528
Owner/Operator Telephone: 843-347-4271
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2000-06-07 00:00:00.0
Handler Name: FOWLER MOTORS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

FOWLER MOTORS (Continued) **1015736393**

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-02-13 00:00:00.0
Actual Return to Compliance Date:	1995-03-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-03-24 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1995-02-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No

FOWLER MOTORS (Continued) **1015736393**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1989-06-20 00:00:00.0
Actual Return to Compliance Date: 1989-09-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

FOWLER MOTORS (Continued) **1015736393**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

FOWLER MOTORS (Continued) **1015736393**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1989-06-20 00:00:00.0
Actual Return to Compliance Date: 1989-09-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

FOWLER MOTORS (Continued) **1015736393**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

FOWLER MOTORS (Continued) **1015736393**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

FOWLER MOTORS (Continued) **1015736393**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1989-06-20 00:00:00.0
Actual Return to Compliance Date: 1989-09-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

FOWLER MOTORS (Continued) **1015736393**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-02-13 00:00:00.0
Actual Return to Compliance Date: 1995-03-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1995-03-24 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1995-02-24 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

FOWLER MOTORS (Continued) **1015736393**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1989-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FOWLER MOTORS (Continued) **1015736393**

Evaluation Date:	1995-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-03-14 00:00:00.0
Scheduled Compliance Date:	1995-03-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

FOWLER MOTORS (Continued) **1015736393**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-02-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-03-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

FOWLER MOTORS (Continued) **1015736393**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-04-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1995-03-14 00:00:00.0
Scheduled Compliance Date:	1995-03-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-03-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CE340 **HADWIN WHITE PONTIAC BUICK GMC** **RCRA-VSQG** **1000436976**
Target **2325 HWY 501E** **SCD981759103**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster CE

Actual:
40 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2007-07-26 00:00:00.0
Handler Name:	HADWIN WHITE PONTIAC BUICK GMC
Handler Address:	2325 HWY 501E
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD981759103
Contact Name:	SAM HUCKS
Contact Address:	P O BOX 1045
Contact City,State,Zip:	CONWAY, SC 29526

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Contact Telephone:	803-347-4634
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	P O BOX 1045
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	HADWIN GARY L SR
Owner Type:	Private
Operator Name:	HADWIN WHITE PONTIAC BUICK GMC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HADWIN GARY L SR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6013 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HADWIN GARY L SR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6013 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HADWIN GARY L SR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6013 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HADWIN WHITE PONTIAC BUICK GMC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6013 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HADWIN GARY L SR

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6013 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HADWIN WHITE PONTIAC BUICK GMC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6013 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HADWIN WHITE PONTIAC BUICK GMC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6013 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-10-21 00:00:00.0
Handler Name:	HADWIN-WHITE PONTIAC BUICK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	HADWIN-WHITE PONTIAC BUICK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-31 00:00:00.0
Handler Name:	HADWIN WHITE PONTIAC BUICK GMC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-26 00:00:00.0
Handler Name:	HADWIN WHITE PONTIAC BUICK GMC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-07-26 00:00:00.0
Handler Name:	HADWIN WHITE PONTIAC BUICK GMC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1989-03-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1989-03-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-05-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

HADWIN WHITE PONTIAC BUICK GMC (Continued) **1000436976**

Former Citation:	Not reported
Evaluation Date:	1997-02-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CE341 **HADWIN WHITE PONTIAC BUICK** **LUST** **U003522050**
Target **2325 HWY 501 E** **UST** **N/A**
Property **CONWAY, SC** **GWCI**

Site 2 of 2 in cluster CE

Actual:
40 ft.

Focus Map:
21

LUST:

Name:	HADWIN WHITE PONTIAC BUICK
Address:	2325 HWY 501 E
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	05196
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HADWIN WHITE PONTIAC BUI
Tank Owner Last Name:	Not reported

HADWIN WHITE PONTIAC BUICK (Continued) **U003522050**

Tank Owner First name:	Not reported
NFA Date:	08/11/2008
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	05/26/1996
Prefix:	Not reported
Total Score:	2

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	08/11/2008
Depth to Ground Water:	1.620
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	05/26/1996
RP Name:	HADWIN WHITE PONTIAC BUICK GMC
RP Address:	6013 HWY 501 E
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS4BC
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

UST:

Name:	HADWIN WHITE PONTIAC BUICK
Address:	2325 HWY 501 E
City:	CONWAY
Facility ID:	05196
Permit:	N 05196
Owner:	HADWIN WHITE PONTIAC BUICK GMC
Owner Address:	6013 HWY 501 E
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-347-4634

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	15

Name:	HADWIN WHITE PONTIAC BUICK
Address:	2325 HWY 501 E
City:	CONWAY

Tank ID:	2

HADWIN WHITE PONTIAC BUICK (Continued) **U003522050**

Status:	**Abandoned**
Capacity:	1000
Product:	Waste oil, burnt oil, used oil
Calcage:	15

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05196
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05196. RBCA Classification 4BC1. Conducting investigation/Risk Assessment.

CF342 **Target** **Property**	**76 AVE ASSOC** **2330 HIGHWAY 501 E** **CONWAY, SC 29526**	**EDR Hist Auto**	**1021982012** **N/A**

Site 1 of 2 in cluster CF

Actual: **41 ft.**

EDR Hist Auto

Focus Map: **21**

Year:	Name:	Type:
2001	76 AVE ASSOC	Gasoline Service Stations
2002	76 AVE ASSOC	Gasoline Service Stations
2003	76 AVE ASSOC	Gasoline Service Stations

CF343 **Target** **Property**	**SCOTCHMAN 3133** **2354 HWY 501 E** **CONWAY, SC**	**LUST** **UST** **GWCI**	**U003629205** **N/A**

Site 2 of 2 in cluster CF

Actual:
43 ft.

Focus Map:
21

LUST:

Name:	SCOTCHMAN 3133
Address:	2354 HWY 501 E
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	10288
Release Status Number:	4
Substance:	PETRO
Tank Owner Company Name:	GPM SOUTHEAST LLC
Tank Owner Last Name:	GPM SOUTHEAST LLC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	RICHMOND
Confirmed Date:	10/17/1995
Release Date:	12/30/1991
EID:	1758473
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	CNQ
Qualified:	N
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 3133
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	12/30/1991
Prefix:	P
Total Score:	129

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	RAD
Release Number:	1
Confirmed date:	12/30/1991
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	10/16/1995
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	RAD
Release Number:	2
Confirmed date:	10/17/1995
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC

SCOTCHMAN 3133 (Continued) **U003629205**

RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	CNQ

Name:	SCOTCHMAN 3133
Address:	2354 HWY 501 E
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	10288
Release Status Number:	4
Substance:	PETRO
Tank Owner Company Name:	GPM SOUTHEAST LLC
Tank Owner Last Name:	GPM SOUTHEAST LLC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	RICHMOND
Confirmed Date:	10/17/1995
Release Date:	10/16/1995
EID:	1758473
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	CNQ
Qualified:	N
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 3133
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	10/17/1995
Prefix:	P
Total Score:	33

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	RAD
Release Number:	1
Confirmed date:	12/30/1991
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	10/16/1995
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	RAD
Release Number:	2
Confirmed date:	10/17/1995
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON

SCOTCHMAN 3133 (Continued) **U003629205**

RP State: NC
RP Zip: 28403
SCRBCA Class Code: CLASS3BF
Project Manager: MARTIN, JAMES M
Release Fin Type Code: CNQ

UST:

Name: SCOTCHMAN 3133
Address: 2354 HWY 501 E
City: CONWAY
Facility ID: 10288
Permit: P 10288
Owner: GPM SOUTHEAST LLC
Owner Address: 8565 MAGELLAN PKWY STE 400
Owner City, st, zip: RICHMOND VA 23227
Owner Phone: 804-730-1568

Tank ID: 1
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: SCOTCHMAN 3133
Address: 2354 HWY 501 E
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: SCOTCHMAN 3133
Address: 2354 HWY 501 E
City: CONWAY

Tank ID: 3
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline Super/Prem
Calcage: 0

Name: SCOTCHMAN 3133
Address: 2354 HWY 501 E
City: CONWAY

Tank ID: 4
Status: **Currently in Use**
Capacity: 4000
Product: Diesel fuel
Calcage: 0

SC GWIC:

Bureau: BLWM

SCOTCHMAN 3133 (Continued) **U003629205**

EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10288
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 10288. RBCA Classification 3BF4. Active corrective action.

CG344 **COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE** **RCRA-VSQG** **1025888309**
Target **107 CITADEL DR** **SCR000786871**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster CG

Actual:
39 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2019-10-29 00:00:00.0
Handler Name:	COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE
Handler Address:	107 CITADEL DR
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000786871
Contact Name:	BOYD HOLT
Contact Address:	P.O. BOX 261954
Contact City,State,Zip:	CONWAY, SC 29528
Contact Telephone:	843-349-2817
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	State
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE (Continued) **1025888309**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 261954
Mailing City,State,Zip:	CONWAY, SC 29528
Owner Name:	CCU
Owner Type:	State
Operator Name:	CCU EHS DEPT
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE (Continued) **1025888309**

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2019-10-30 15:03:29.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CCU EHS DEPT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 470 ALLIED DR UNIT B
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CCU
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 261954
Owner/Operator City,State,Zip: CONWAY, SC 29528
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-10-29 00:00:00.0
Handler Name: COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE (Continued) **1025888309**

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code:	611310
NAICS Description:	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS
NAICS Code:	713910
NAICS Description:	GOLF COURSES AND COUNTRY CLUBS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

CG345 **COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE** **ECHO** **1026019998**
Target **107 CITADEL DR** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster CG

Actual:
39 ft.
Focus Map:
21

ECHO:

Envid:	1026019998
Registry ID:	110070633482
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070633482
Name:	COASTAL CAROLINA UNIVERSITY-HACKLER GOLF COURSE
Address:	107 CITADEL DR
City,State,Zip:	CONWAY, SC 29526

CG346 **QUAIL CREEK GOLF CLUB** **LUST** **U003982797**
Target **107 CITADEL DR** **UST** **N/A**
Property **CONWAY, SC**

Site 3 of 3 in cluster CG

Actual:
39 ft.
Focus Map:
21

LUST:

Name:	QUAIL CREEK GOLF CLUB
Address:	107 CITADEL DR
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	19069
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	COASTAL GOLF CORPORATIO09/29/04
Tank Owner Last Name:	COASTAL GOLF CORPORATION
Tank Owner First name:	Not reported
NFA Date:	04/03/2007
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	10/13/2004
Release Date:	Not reported
EID:	8308547
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF

QUAIL CREEK GOLF CLUB (Continued) **U003982797**

Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	QUAIL CREEK GOLF CLUB
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	10/13/2004
Prefix:	N
Total Score:	-2

LUST:

Release Date:	09/29/2004
Cleanup Complete Date:	11/29/2005
Depth to Ground Water:	5
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	10/13/2004
RP Name:	COASTAL GOLF CORPORATION
RP Address:	3700 PALMETTO POINT BLVD
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29588
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	QUAIL CREEK GOLF CLUB
Address:	107 CITADEL DR
City:	CONWAY
Facility ID:	19069
Permit:	N 19069
Owner:	COASTAL GOLF CORPORATION
Owner Address:	3700 PALMETTO POINT BLVD
Owner City, st, zip:	MYRTLE BEACH SC 29588
Owner Phone:	843-293-8008

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	0

CH347 **TYSON SIGN COMPANY INC** **ECHO** **1010438632**
Target **2487 HWY 501 E** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster CH

Actual:
38 ft.

Focus Map:
21

ECHO:

Envid:	1010438632
Registry ID:	110031367009
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110031367009
Name:	TYSON SIGN COMPANY INC
Address:	2487 HWY 501 E
City,State,Zip:	CONWAY, SC 29526

CH348 **TYSON SIGN COMPANY INC** **RCRA-VSQG** **1010331924**
Target **2487 HWY 501 E** **SCR000768069**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster CH

Actual:
38 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2008-04-24 00:00:00.0
Handler Name:	TYSON SIGN COMPANY INC
Handler Address:	2487 HWY 501 E
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000768069
Contact Name:	DAVID ROBERTS
Contact Address:	HWY 501 E
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-448-5168
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 50580
Mailing City,State,Zip:	MYRTLE BEACH, SC 29579
Owner Name:	EBBIE W PHILLIPS
Owner Type:	Private
Operator Name:	GIANT RECOVERY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TYSON SIGN COMPANY INC (Continued) **1010331924**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

TYSON SIGN COMPANY INC (Continued) **1010331924**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EBBIE W PHILLIPS
Legal Status:	Private
Date Became Current:	2006-08-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2487 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-448-5168
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GIANT RECOVERY
Legal Status:	Private
Date Became Current:	2006-08-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	755 INDUSTRIAL RD
Owner/Operator City,State,Zip:	SUMTER, SC 29150
Owner/Operator Telephone:	803-773-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GIANT RECOVERY
Legal Status:	Private
Date Became Current:	2006-08-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	755 INDUSTRIAL RD
Owner/Operator City,State,Zip:	SUMTER, SC 29150
Owner/Operator Telephone:	803-773-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EBBIE W PHILLIPS
Legal Status:	Private
Date Became Current:	2006-08-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2487 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-448-5168
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-08-07 00:00:00.0
Handler Name:	TYSON SIGN COMPANY INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TYSON SIGN COMPANY INC (Continued) **1010331924**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-04-24 00:00:00.0
Handler Name: TYSON SIGN COMPANY INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported

TYSON SIGN COMPANY INC (Continued) **1010331924**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2006-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CI349 **CONWAY MEDICAL CENTER** **ECHO** **1026007869**
Target **300 SINGLETON RIDGE ROAD** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 3 in cluster CI

Actual:
43 ft.
Focus Map:
21

ECHO:

Envid:	1026007869
Registry ID:	110001666910
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001666910
Name:	CONWAY MEDICAL CENTER
Address:	300 SINGLETON RIDGE ROAD
City,State,Zip:	CONWAY, SC 29526

CI350 **CONWAY MEDICAL CENTER** **RCRA-SQG** **1016455931**
Target **300 SINGLETON RIDGE ROAD** **SCR000777656**
Property **CONWAY, SC 29526**

Site 2 of 3 in cluster CI

Actual:
43 ft.
Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2019-04-11 00:00:00.0
Handler Name:	CONWAY MEDICAL CENTER
Handler Address:	300 SINGLETON RIDGE ROAD
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000777656
Contact Name:	DANIEL ADMCZYK
Contact Address:	SINGLETON RIDGE ROAD
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-234-6742
Contact Fax:	Not reported
Contact Email:	DANIEL.ADAMCZYK@CMC-SC.COM
Contact Title:	ENV COMPLIANCE DIR
EPA Region:	04

CONWAY MEDICAL CENTER (Continued) **1016455931**

Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	SINGLETON RIDGE ROAD
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	CONWAY HOSPITAL INC
Owner Type:	Private
Operator Name:	PHILIP A CLAYTON CEO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

CONWAY MEDICAL CENTER (Continued) **1016455931**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-15 09:09:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D013
Waste Description: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-

CONWAY MEDICAL CENTER (Continued) **1016455931**

5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206
Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PHILIP A CLAYTON CEO
Legal Status: Private
Date Became Current: 2013-11-04 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: 843-234-7642
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BRAT BARR
Legal Status: Private
Date Became Current: 2013-11-04 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 300 SINGLETON RIDGE ROAD

CONWAY MEDICAL CENTER (Continued) **1016455931**

Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONWAY HOSPITAL
Legal Status:	Private
Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONWAY HOSPITAL
Legal Status:	Private
Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRAT BARR
Legal Status:	Private
Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONWAY HOSPITAL INC
Legal Status:	Private
Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHILIP A CLAYTON CEO
Legal Status:	Private

CONWAY MEDICAL CENTER (Continued) **1016455931**

Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONWAY HOSPITAL INC
Legal Status:	Private
Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHILIP A CLAYTON CEO
Legal Status:	Private
Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHILIP A CLAYTON CEO
Legal Status:	Private
Date Became Current:	2013-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	300 SINGLETON RIDGE ROAD
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-234-7642
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2013-11-15 00:00:00.0
Handler Name:	CONWAY HOSPITAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

CONWAY MEDICAL CENTER (Continued) **1016455931**

Electronic Manifest Broker:	Not reported
Receive Date:	2016-05-05 00:00:00.0
Handler Name:	CONWAY HOSPITAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-03-26 00:00:00.0
Handler Name:	CONWAY MEDICAL CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2019-04-11 00:00:00.0
Handler Name:	CONWAY MEDICAL CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	622110
NAICS Description:	GENERAL MEDICAL AND SURGICAL HOSPITALS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

CONWAY MEDICAL CENTER (Continued) **1016455931**

Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-04-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CI351 **Target** **Property**

CONWAY MEDICAL CENTER
300 SINGLETON RIDGE RD
CONWAY, SC

UST **U004292006** **N/A**

Site 3 of 3 in cluster CI

Actual: **43 ft.**
Focus Map: **21**

UST:

Name:	CONWAY MEDICAL CENTER
Address:	300 SINGLETON RIDGE RD
City:	CONWAY
Facility ID:	18068
Permit:	P 18068
Owner:	CONWAY MEDICAL CENTER
Owner Address:	PO BOX 829

CONWAY MEDICAL CENTER (Continued) **U004292006**

Owner City, st, zip:	CONWAY SC 29528-0829
Owner Phone:	843-347-8140
Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Diesel fuel
Calcage:	0

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352 **COASTAL CAROLINA HOSPITAL** **LUST** **U001538540**
Target **152 WACCAMAW MEDICAL PARK DR** **UST** **N/A**
Property **CONWAY, SC**

Actual:
41 ft.

Focus Map:
21

LUST:

Name:	COASTAL CAROLINA HOSPITAL
Address:	152 WACCAMAW MEDICAL PARK
City,State,Zip:	CONWAY, SC 29526-8901
Release Number:	1
Facility ID:	15631
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CONWAY INVESTMENT ASSO
Tank Owner Last Name:	CONWAY INVESTMENT ASSOCIATES LLC
Tank Owner First name:	Not reported
NFA Date:	06/16/1995
Tank Owner City:	CHATTANOOGA
Confirmed Date:	03/26/2002
Release Date:	09/21/1993
EID:	3472060
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	COASTAL CAROLINA HOSPITAL
Local Fac First Name:	Not reported
User Name:	COOKBA
Cleanup Initiated Date:	06/16/1995
Prefix:	P
Total Score:	Not reported

Name:	COASTAL CAROLINA HOSPITAL
Address:	152 WACCAMAW MEDICAL PARK
City,State,Zip:	CONWAY, SC 29526-8901
Release Number:	2
Facility ID:	15631
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	CONWAY INVESTMENT ASSO
Tank Owner Last Name:	CONWAY INVESTMENT ASSOCIATES LLC
Tank Owner First name:	Not reported
NFA Date:	03/26/2002
Tank Owner City:	CHATTANOOGA
Confirmed Date:	03/26/2002
Release Date:	02/21/2002
EID:	3472060
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported

COASTAL CAROLINA HOSPITAL (Continued) **U001538540**

Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: UST
Local Fac Last Name: COASTAL CAROLINA HOSPITAL
Local Fac First Name: Not reported
User Name: HIGHTOCW
Cleanup Initiated Date: 03/26/2002
Prefix: P
Total Score: Not reported

UST:
Name: COASTAL CAROLINA HOSPITAL
Address: 152 WACCAMAW MEDICAL PARK DR
City: CONWAY
Facility ID: 15631
Permit: P 15631
Owner: CONWAY INVESTMENT ASSOCIATES LLC
Owner Address: 651 E 4TH ST STE 100
Owner City, st, zip: CHATTANOOGA TN 37408
Owner Phone: 423-634-3226

Tank ID: 1
Status: **Abandoned**
Capacity: 280
Product: Diesel fuel
Calcage: 10

Name: COASTAL CAROLINA HOSPITAL
Address: 152 WACCAMAW MEDICAL PARK DR
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 280
Product: Diesel fuel
Calcage: 0

CJ353 **SUN COAST MAZDA MITSUBISHI** **RCRA-VSQG** **1001460371**
Target **2515 HWY 501 E** **SCR000073718**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster CJ

Actual:
38 ft.

Focus Map:
21

RCRA Listings:
Date Form Received by Agency: 2003-06-16 00:00:00.0
Handler Name: SUN COAST MAZDA MITSUBISHI
Handler Address: 2515 HWY 501 E
Handler City,State,Zip: CONWAY, SC 29526
EPA ID: SCR000073718
Contact Name: CLINT SMITH
Contact Address: 2515 HWY 501 E
Contact City,State,Zip: CONWAY, SC 29526
Contact Telephone: 843-347-6565
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 04

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501 E
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	MICHAEL ADDY
Owner Type:	Private
Operator Name:	SUN COAST MAZDA MITSUBISHI
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2015-04-14 00:00:00.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: HYATT AUTOMOTIVE GROUP II
Legal Status: Private
Date Became Current: 2003-06-16 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1887 HWY 501
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-626-3657
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SUN COAST MAZDA MITSUBISHI
Legal Status: Private
Date Became Current: 2000-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2515 HWY 501 E
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: 843-347-6565
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Owner/Operator Name:	SUN COAST MAZDA MITSUBISHI
Legal Status:	Private
Date Became Current:	2000-01-01 00:00:00.
Date Ended Current:	2000-01-13 00:00:00.
Owner/Operator Address:	HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-6565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HYATT AUTOMOTIVE GROUP II
Legal Status:	Private
Date Became Current:	2003-06-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1887 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-626-3657
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL ADDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2000-01-01 00:00:00.
Owner/Operator Address:	2515 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-6565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL ADDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2000-01-01 00:00:00.
Owner/Operator Address:	2515 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-6565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEN HYATT
Legal Status:	Private
Date Became Current:	2000-01-01 00:00:00.
Date Ended Current:	2000-01-13 00:00:00.
Owner/Operator Address:	HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-6565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL ADDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2515 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-6565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEN HYATT
Legal Status:	Private
Date Became Current:	2000-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2515 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-6565
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-01-27 00:00:00.0
Handler Name:	ADDYS HARBOR IMPORTS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-08-30 00:00:00.0
Handler Name:	SUN COAST MAZDA MITSUBISHI
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-06-16 00:00:00.0
Handler Name:	SUN COAST MAZDA MITSUBISHI
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2002-08-30 00:00:00.0
Actual Return to Compliance Date: 2003-06-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-06-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLHC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-08-30 00:00:00.0
Actual Return to Compliance Date:	2003-06-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Enforcement Responsible Person: SCLHC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-08-30 00:00:00.0
Actual Return to Compliance Date: 2003-06-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-06-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLHC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2002-08-30 00:00:00.0
Actual Return to Compliance Date:	2003-06-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-05-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Enforcement Responsible Person: SCLHC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-08-30 00:00:00.0
Actual Return to Compliance Date: 2003-06-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-05-14 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLHC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2002-08-30 00:00:00.0

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Actual Return to Compliance Date: 2003-06-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-04-15 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLHC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2002-08-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2003-06-13 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-06-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: SCLHC
Evaluation Responsible Sub-Organization: EN
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-08-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-06-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-08-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-06-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	SCLHC
Evaluation Responsible Sub-Organization:	EN
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-08-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-06-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-08-30 00:00:00.0

SUN COAST MAZDA MITSUBISHI (Continued) **1001460371**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-06-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-08-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-06-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CJ354 **SUN COAST MAZDA MITSUBISHI** **ECHO** **1016185554**
Target **2515 HIGHWAY 501 EAST** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster CJ

Actual:
38 ft.

Focus Map:
21

ECHO:

Envid:	1016185554
Registry ID:	110002329837
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002329837
Name:	SUN COAST MAZDA MITSUBISHI
Address:	2515 HIGHWAY 501 EAST
City,State,Zip:	CONWAY, SC 29526

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355 **COASTAL SAND LLC/BRUTON MINE** **ECHO** **1011423062**
Target **DARLING LAKE RD** **N/A**
Property **CONWAY, SC 29527**

Actual:
13 ft.

Focus Map:
17

ECHO:

Envid:	1011423062
Registry ID:	110035772018
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110035772018
Name:	COASTAL SAND LLC/BRUTON MINE
Address:	DARLING LAKE RD
City,State,Zip:	CONWAY, SC 29527

356 **CIRCLE K 3187** **LUST** **U004018397**
Target **1200 HWY 544** **UST** **N/A**
Property **CONWAY, SC**

Actual:
39 ft.

Focus Map:
20

LUST:

Name:	CIRCLE K 3187
Address:	1200 HWY 544
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	19150
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/09/2019
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	01/03/2020
Prefix:	Not reported
Total Score:	1

UST:

Name:	CIRCLE K 3187
Address:	1200 HWY 544
City:	CONWAY
Facility ID:	19150
Permit:	P 19150
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0

Name:	CIRCLE K 3187
Address:	1200 HWY 544
City:	CONWAY

Tank ID:	2
Status:	**Currently in Use**
Capacity:	20000
Product:	Multiple petroleum
Calcage:	0

CK357 **Target** **Property**	**GRAND STRAND WATER & SEWER AUTHORITY** **166 JACKSON BLUFF RD** **CONWAY, SC**	**LUST** **UST**	**U004291680** **N/A**

Site 1 of 2 in cluster CK

Actual:
39 ft.

Focus Map:
20

LUST:

Name:	GRAND STRAND WATER & SEWER AUTH
Address:	166 JACKSON BLUFF RD
City,State,Zip:	CONWAY, SC 29526-8750
Release Number:	1
Facility ID:	09646
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GRAND STRAND WATER & SE04/29/94
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/14/1995
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PASLEYDC
Cleanup Initiated Date:	07/14/1995
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	GRAND STRAND WATER & SEWER AUTHORITY
Address:	166 JACKSON BLUFF RD
City:	CONWAY
Facility ID:	09646
Permit:	N 09646
Owner:	GRAND STRAND WATER & SEWER AUTHORITY
Owner Address:	PO BOX 2368
Owner City, st, zip:	CONWAY SC 29528-2368
Owner Phone:	843-234-8405

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5

Name:	GRAND STRAND WATER & SEWER AUTHORITY
Address:	166 JACKSON BLUFF RD
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel

GRAND STRAND WATER & SEWER AUTHORITY (Continued) **U004291680**

Calcage: 5

CK358 **Target** **Property**	**GRAND STRAND WATER & SEWER AUTHORITY** **166 JACKSON BLUFF RD** **CONWAY, SC**	**LUST** **UST**	**U004291681** **N/A**

Site 2 of 2 in cluster CK

Actual:
39 ft.

Focus Map:
20

LUST:

Name:	GRAND STRAND WATER & SEWER AUTH
Address:	166 JACKSON BLUFF RD
City,State,Zip:	CONWAY, SC 29526-8750
Release Number:	1
Facility ID:	09647
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GRAND STRAND WATER & SE03/29/88
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	12/28/2005
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	05/06/1988
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	03/29/1988
Cleanup Complete Date:	12/16/2005
Depth to Ground Water:	5.450
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	05/06/1988
RP Name:	GRAND STRAND WATER & SEWER AUTHORITY
RP Address:	166 JACKSON BLUFF RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-8750
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

Release Date:	03/29/1988
Cleanup Complete Date:	12/16/2005
Depth to Ground Water:	5.450
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	05/06/1988

GRAND STRAND WATER & SEWER AUTHORITY (Continued) **U004291681**

RP Name:	GSW&SA
RP Address:	166 JACKSON BLUFF RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-8750
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

Release Date:	03/29/1988
Cleanup Complete Date:	12/16/2005
Depth to Ground Water:	5.450
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	05/06/1988
RP Name:	GRAND STRAND WATER & SEWER AUTHORITY
RP Address:	166 JACKSON BLUFF RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-8750
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

Release Date:	03/29/1988
Cleanup Complete Date:	12/16/2005
Depth to Ground Water:	5.450
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	05/06/1988
RP Name:	GSW&SA
RP Address:	166 JACKSON BLUFF RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29526-8750
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

UST:

Name:	GRAND STRAND WATER & SEWER AUTHORITY
Address:	166 JACKSON BLUFF RD
City:	CONWAY
Facility ID:	09647
Permit:	N 09647
Owner:	GRAND STRAND WATER & SEWER AUTHORITY
Owner Address:	PO BOX 2368
Owner City, st, zip:	CONWAY SC 29528-2368
Owner Phone:	843-234-8405

Tank ID:	1
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	5

GRAND STRAND WATER & SEWER AUTHORITY (Continued) **U004291681**

Name:	GRAND STRAND WATER & SEWER AUTHORITY
Address:	166 JACKSON BLUFF RD
City:	CONWAY
Tank ID:	2
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	5
Name:	GRAND STRAND WATER & SEWER AUTHORITY
Address:	166 JACKSON BLUFF RD
City:	CONWAY
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5
Name:	GRAND STRAND WATER & SEWER AUTHORITY
Address:	166 JACKSON BLUFF RD
City:	CONWAY
Tank ID:	4
Status:	**Abandoned**
Capacity:	500
Product:	Waste oil, burnt oil, used oil
Calcage:	10

359
Target
Property

GRAND STRAND WATER AND SEWER AUTHORITY **SWF/LF** **S108766699** **N/A**

HORRY (County), SC

Actual:
40 ft.

Focus Map:
20

LF:

Name:	GRAND STRAND WATER AND SEWER AUTHORITY
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	IWP-156/IWP-181
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	IWP
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	682902.97999999998
UTM-N:	3739793.6699999999
Contact Name:	Not reported
Contact Phone:	Not reported

360 Target Property **COASTAL RECLAMATION COMPOSTING SITE** **SWF/LF** **S108237928** **N/A**

HORRY (County), SC

Actual: 40 ft.
Focus Map: 20

LF:

Name:	COASTAL RECLAMATION COMPOSTING SITE
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	825 West Cox Ferry Road
Mailing State:	SC
Mailing City:	Conway
Mailing Zip:	29526
Facility ID:	262448-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting - Type 1
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Commercial
UTM-E:	682334.05000000005
UTM-N:	3741638.1899999999
Contact Name:	Marlon Weaver
Contact Phone:	(843) 347-0393

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361 Target Property **COASTAL REALTY & DEVELOPMENT, INC.** **ECHO** **1006257440** **N/A**

395 MYRTLE GREEN DR
CONWAY, SC 29526

Actual: 42 ft.
Focus Map: 21

ECHO:

Envid:	1006257440
Registry ID:	110010587338
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110010587338
Name:	COASTAL REALTY & DEVELOPMENT, INC.
Address:	395 MYRTLE GREEN DR
City,State,Zip:	CONWAY, SC 29526

---

362 Target Property **MYRTLE BEACH GARAGE** **UST** **U003628318** **N/A**

305 B GARDNER LACY RD
MYRTLE BEACH, SC

Actual: 42 ft.
Focus Map: 21

UST:

Name:	MYRTLE BEACH GARAGE
Address:	305 B GARDNER LACY RD
City:	MYRTLE BEACH
Facility ID:	13245
Permit:	P 13245
Owner:	SANTEE COOPER
Owner Address:	PO BOX 2946101
Owner City, st, zip:	MONCKS CORNER SC 29461-6101
Owner Phone:	843-761-8000
Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000

MYRTLE BEACH GARAGE (Continued) **U003628318**

Product:	Gasoline RUL
Calcage:	0
Name:	MYRTLE BEACH GARAGE
Address:	305 B GARDNER LACY RD
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	0

363
Target
Property

SANTEE COOPER
305 A GARDNER LACY RD
MYRTLE BEACH, SC

UST **U003524852**
N/A

Actual:
42 ft.

Focus Map:
21

UST:

Name:	SANTEE COOPER
Address:	305 A GARDNER LACY RD
City:	MYRTLE BEACH
Facility ID:	12913
Permit:	P 12913
Owner:	SANTEE COOPER
Owner Address:	PO BOX 2946101
Owner City, st, zip:	MONCKS CORNER SC 29461-6101
Owner Phone:	843-761-8000
Tank ID:	1
Status:	**Currently in Use**
Capacity:	2000
Product:	Diesel fuel
Calcage:	0

364
Target
Property

AVX - AMERICAN GEAR & PINION CO
HWY 501
CONWAY, SC 29526

SHWS **S105527960**
N/A

Actual:
38 ft.

Focus Map:
21

SHWS:

Name:	AVX - AMERICAN GEAR & PINION CO
Address:	HWY 501
City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD980078554

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
CL365 Target Property	**SANTEE COOPER MYRTLE BEACH RECYCLE CTR 305C GARDNER LACY RD MYRTLE BEACH, SC 29577**	**RCRA-VSQG**	**1007116344 SCR000074625**

Site 1 of 4 in cluster CL

Actual:
42 ft.
Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2016-05-20 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH RECYCLE CTR
Handler Address:	305C GARDNER LACY RD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000074625
Contact Name:	AUBREE DECOTEAU
Contact Address:	ONE RIVERWOOD DR
Contact City,State,Zip:	MONCKS CORNER, SC 29461
Contact Telephone:	843-761-8000 5159
Contact Fax:	Not reported
Contact Email:	AUBREE.DECOTEAU@SANTEECOPPER.COM
Contact Title:	ENGINEER II
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	RIVERWOOD DR
Mailing City,State,Zip:	MONCKS CORNER, SC 29461
Owner Name:	SANTEE COOPER
Owner Type:	Private
Operator Name:	SANTEE COOPER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SANTEE COOPER MYRTLE BEACH RECYCLE CTR (Continued) **1007116344**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-06-15 15:51:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported

SANTEE COOPER MYRTLE BEACH RECYCLE CTR (Continued) **1007116344**

Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-26 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH RECYCLE CTR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-05-20 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH RECYCLE CTR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221112
NAICS Description:	FOSSIL FUEL ELECTRIC POWER GENERATION

Facility Has Received Notices of Violation:

No Violations Found:

SANTEE COOPER MYRTLE BEACH RECYCLE CTR (Continued) **1007116344**

Evaluation Action Summary:

No Evaluations Found:

CL366 **SANTEE COOPER MYRTLE BEACH RECYCLE CTR** **ECHO** **1004781111**
Target **305C GARDNER LACY RD** **N/A**
Property **MYRTLE BEACH, SC 29579**

Site 2 of 4 in cluster CL

Actual:
42 ft.

Focus Map:
21

ECHO:

Envid:	1004781111
Registry ID:	110002184430
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002184430
Name:	SANTEE COOPER MYRTLE BEACH RECYCLE CTR
Address:	305C GARDNER LACY RD
City,State,Zip:	MYRTLE BEACH, SC 29579

CL367 **SANTEE COOPER DIV TRANSPO SERV** **RCRA-VSQG** **1007115929**
Target **305 GARDENER LACY ROAD** **SCD987570744**
Property **MYRTLE BEACH, SC 29461**

Site 3 of 4 in cluster CL

Actual:
42 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2016-05-20 00:00:00.0
Handler Name:	SANTEE COOPER DIV TRANSPO SERV
Handler Address:	305 GARDENER LACY ROAD
Handler City,State,Zip:	MYRTLE BEACH, SC 29461
EPA ID:	SCD987570744
Contact Name:	AUBREE DECOTEAU
Contact Address:	ONE RIVERWOOD DR
Contact City,State,Zip:	MONCKS CORNER, SC 29461
Contact Telephone:	843-761-8000 5159
Contact Fax:	Not reported
Contact Email:	AUBREE.DECOTEAU@SANTEECOPPER.COM
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	RIVERWOOD DR
Mailing City,State,Zip:	MONCKS CORNER, SC 29461
Owner Name:	SC PUBLIC SERVICE AUT.
Owner Type:	State
Operator Name:	OPERNAME
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

SANTEE COOPER DIV TRANSPO SERV (Continued) **1007115929**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-06-15 15:25:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

SANTEE COOPER DIV TRANSPO SERV (Continued) **1007115929**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC PUBLIC SERVICE AUT.
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461-2901
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC PUBLIC SERVICE AUT.
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461-2901
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-01-20 00:00:00.0
Handler Name:	SANTEE COOPER DIV TRANSPO SERV
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SANTEE COOPER DIV TRANSPO SERV (Continued) **1007115929**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-05-20 00:00:00.0
Handler Name:	SANTEE COOPER DIV TRANSPO SERV
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

CL368 SANTEE COOPER DIVISION TRANSPORTATION SERVICE **ECHO** **1007144265**
Target 305 GARDENER LACY ROAD **N/A**
Property MYRTLE BEACH, SC 29579

Site 4 of 4 in cluster CL

Actual:
42 ft.

Focus Map:
21

ECHO:

Envid:	1007144265
Registry ID:	110015927158
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015927158
Name:	SANTEE COOPER DIVISION TRANSPORTATION SERVICE
Address:	305 GARDENER LACY ROAD
City,State,Zip:	MYRTLE BEACH, SC 29579

369 **BURNING RIDGE GOLF COURSE** **LUST** **U004291936**
Target **500 BURNING RIDGE RD** **UST** **N/A**
Property **CONWAY, SC**

Actual:
41 ft.

Focus Map:
21

LUST:

Name:	BURNING RIDGE GOLF COURSE
Address:	500 BURNING RIDGE RD
City,State,Zip:	CONWAY, SC 29577
Release Number:	1
Facility ID:	15477
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	BURNING RIDGE GOLF COUR
Tank Owner Last Name:	BURNING RIDGE GOLF COURSE
Tank Owner First name:	Not reported
NFA Date:	03/22/2012
Tank Owner City:	CONWAY
Confirmed Date:	04/18/1994
Release Date:	02/26/1993
EID:	1785557
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	BURNING RIDGE GOLF COURSE
Local Fac First Name:	Not reported
User Name:	SHRADEAA
Cleanup Initiated Date:	04/18/1994
Prefix:	N
Total Score:	0

LUST:

Release Date:	02/26/1993
Cleanup Complete Date:	03/22/2012
Depth to Ground Water:	6.219
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	04/18/1994
RP Name:	BURNING RIDGE GOLF COURSE
RP Address:	500 BURNING RIDGE RD
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	BURNING RIDGE GOLF COURSE
Address:	500 BURNING RIDGE RD
City:	CONWAY
Facility ID:	15477
Permit:	N 15477
Owner:	BURNING RIDGE GOLF COURSE
Owner Address:	500 BURNING RIDGE RD
Owner City, st, zip:	CONWAY SC 29577
Owner Phone:	Not reported

BURNING RIDGE GOLF COURSE (Continued) **U004291936**

Tank ID: 1
Status: **Abandoned**
Capacity: 500
Product: Gasoline
Calcage: 15

Name: BURNING RIDGE GOLF COURSE
Address: 500 BURNING RIDGE RD
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 500
Product: Diesel fuel
Calcage: 15

370
Target
Property

SUN MART LLC
920 JACKSON BLUFF RD
CONWAY, SC 29526

EDR Hist Auto **1020315722** **N/A**

EDR Hist Auto

Actual:
4 ft.
Focus Map:
20

Year:	Name:	Type:
2006	SUN MART LLC	Convenience Stores
2007	SUN MART LLC	Convenience Stores
2008	SUN MART LLC	Convenience Stores
2009	SUN MART LLC	Convenience Stores
2010	SUN MART LLC	Convenience Stores
2011	SUN MART LLC	Convenience Stores
2012	SUN MART LLC	Convenience Stores
2013	SUN MART LLC	Convenience Stores
2014	SUN MART LLC	Convenience Stores

CM371
Target
Property

WOLVERINE BRASS INC
2951 HWY 501 E
CONWAY, SC 29526

CORRACTS
RCRA-TSDF
RCRA-LQG
GWCI

1007116110
29526WLVRN8027H

Site 1 of 2 in cluster CM

Actual:
42 ft.
Focus Map:
21

CORRACTS:
Name: WOLVERINE BRASS INC
Address: 2951 HWY 501 E
Address 2: Not reported
Area Name: SWMU #5 LIFT STATION
Corrective Action: CA186
Actual Date: 1997-06-18 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WOLVERINE BRASS INC
Address: 2951 HWY 501 E
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA050

WOLVERINE BRASS INC (Continued) **1007116110**

Actual Date:	1987-03-27 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	WOLVERINE BRASS INC
Address:	2951 HWY 501 E
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA075HI
Actual Date:	1992-03-31 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	WOLVERINE BRASS INC
Address:	2951 HWY 501 E
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA100
Actual Date:	1992-10-30 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	WOLVERINE BRASS INC
Address:	2951 HWY 501 E
Address 2:	Not reported
Area Name:	SWMU #5 LIFT STATION
Corrective Action:	CA110
Actual Date:	1994-09-07 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	WOLVERINE BRASS INC
Address:	2951 HWY 501 E
Address 2:	Not reported
Area Name:	SWMU #5 LIFT STATION
Corrective Action:	CA600
Actual Date:	1992-09-30 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	WOLVERINE BRASS INC
Address:	2951 HWY 501 E
Address 2:	Not reported
Area Name:	SWMU 18- CATCH BASIN
Corrective Action:	CA060
Actual Date:	2000-06-13 00:00:00.0
Air Release Indicator:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WOLVERINE BRASS INC
Address: 2951 HWY 501 E
Address 2: Not reported
Area Name: SWMU 17 - PIPELINE
Corrective Action: CA070YE
Actual Date: 2000-10-31 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WOLVERINE BRASS INC
Address: 2951 HWY 501 E
Address 2: Not reported
Area Name: SWMU #5 LIFT STATION
Corrective Action: CA110
Actual Date: 1996-01-16 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WOLVERINE BRASS INC
Address: 2951 HWY 501 E
Address 2: Not reported
Area Name: SWMU #5 LIFT STATION
Corrective Action: CA140
Actual Date: 1995-12-15 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: WOLVERINE BRASS INC
Address: 2951 HWY 501 E
Address 2: Not reported
Area Name: SWMU #5 LIFT STATION
Corrective Action: CA150
Actual Date: 1996-05-23 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Click this hyperlink while viewing on your computer to access
33 additional CORRACTS: record(s) in the EDR Site Report.

RCRA Listings:
Date Form Received by Agency: 2018-11-28 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Handler Address: 2951 HWY 501 E
Handler City,State,Zip: CONWAY, SC 29526
EPA ID: SCD990704470

WOLVERINE BRASS INC (Continued) **1007116110**

Contact Name:	BOB MARTIN
Contact Address:	2951 HWY 501 E
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-347-3121 4205
Contact Fax:	Not reported
Contact Email:	BOB.MARTIN@PPG-INC.COM
Contact Title:	LAB DIRECTOR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2951 HWY 501 E
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	WOLVERINE BRASS INC
Owner Type:	Private
Operator Name:	WOLVERINE BRASS INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes

WOLVERINE BRASS INC (Continued) **1007116110**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Corrective Action, Post-Closure Care
Handler Date of Last Change:	2018-11-30 14:49:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001

WOLVERINE BRASS INC (Continued) **1007116110**

Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NORTHROP GRUMMAN SYSTEMS CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: Not reported
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHROP GRUMMAN SYSTEMS CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1840 CENTURY PARK E
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90067
Owner/Operator Telephone:	310-556-4514
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS WORKS
Legal Status:	Private
Date Became Current:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date Ended Current:	Not reported
Owner/Operator Address:	8021 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	803-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2003-01-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	2011-09-01 00:00:00.
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	2009-12-31 00:00:00.
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHROP GRUMMAN SYSTEMS CORP
Legal Status:	Private
Date Became Current:	2011-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2980 FAIRVIEW PARK DR
Owner/Operator City,State,Zip:	FALLS CHURCH, VA 22042
Owner/Operator Telephone:	703-280-4035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHROP GRUMMAN SYSTEMS CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1840 CENTURY PARK E
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90067
Owner/Operator Telephone:	310-556-4514
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.

WOLVERINE BRASS INC (Continued) **1007116110**

Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	2009-12-31 00:00:00.
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-08-18 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

WOLVERINE BRASS INC (Continued) **1007116110**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-12-31 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	1994-07-08 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-07-11 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-14 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-07-10 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator

WOLVERINE BRASS INC (Continued) **1007116110**

State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2009-10-27 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2009-12-07 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-09-27 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2011-09-29 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

WOLVERINE BRASS INC (Continued) **1007116110**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-12-31 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2018-04-25 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2018-11-28 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1990-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Receive Date:	1994-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-03 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

WOLVERINE BRASS INC (Continued) **1007116110**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING
NAICS Code:	332913
NAICS Description:	PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING
NAICS Code:	332919
NAICS Description:	OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

WOLVERINE BRASS INC (Continued) **1007116110**

NAICS Code: 332998
NAICS Description: ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1986-09-12 00:00:00.0
Actual Return to Compliance Date:	1986-10-12 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 2006-11-30 00:00:00.0
Actual Return to Compliance Date: 2007-01-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Unknown
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2012-09-05 00:00:00.0
Actual Return to Compliance Date: 2012-09-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-09-28 00:00:00.0
Actual Return to Compliance Date:	1991-11-12 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-30 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1991-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCSMK
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2012-09-05 00:00:00.0
Actual Return to Compliance Date:	2012-09-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2005-08-18 00:00:00.0
Actual Return to Compliance Date:	2005-09-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCTSA
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	2011-04-13 00:00:00.0
Actual Return to Compliance Date:	2011-05-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2011-04-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2005-08-18 00:00:00.0
Actual Return to Compliance Date:	2005-09-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-09-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCTSA
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Unknown
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 2008-07-29 00:00:00.0
Actual Return to Compliance Date: 2008-09-18 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-08-06 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1994-07-26 00:00:00.0
Actual Return to Compliance Date:	1994-09-12 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1994-09-12 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1994-08-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2006-11-30 00:00:00.0
Actual Return to Compliance Date: 2007-01-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1987-01-14 00:00:00.0
Actual Return to Compliance Date: 1987-02-11 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-11-30 00:00:00.0
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2011-04-13 00:00:00.0
Actual Return to Compliance Date: 2011-05-31 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2011-04-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2005-08-18 00:00:00.0
Actual Return to Compliance Date: 2005-09-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2005-09-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCTSA
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1984-03-19 00:00:00.0
Actual Return to Compliance Date: 1985-11-08 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2006-11-30 00:00:00.0
Actual Return to Compliance Date: 2007-01-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-19 00:00:00.0
Actual Return to Compliance Date:	1985-11-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2010-03-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCKAW
Evaluation Responsible Sub-Organization: GW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2001-03-29 00:00:00.0

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1986-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-10-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW

WOLVERINE BRASS INC (Continued) **1007116110**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-08-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-06-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Former Citation:	Not reported
Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2010-10-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-09-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-04-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCPMB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-07-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-09-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2012-09-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2010-10-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	1991-09-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-10-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-12-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCLNM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-05-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJBB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1991-11-12 00:00:00.0
Scheduled Compliance Date:	1991-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-02-22 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2012-09-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2005-09-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-07-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCMM
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1990-10-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1998-08-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-09-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCJCO
Evaluation Responsible Sub-Organization: GW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	2016-02-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-02-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-02-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-04-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 2011-05-31 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1994-09-12 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2018-05-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCJTH
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2005-08-18 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCTSA
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2005-09-26 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2019-09-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCJTH
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-07-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-09-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-04-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-09-01 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-02-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	SCKAC
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-04-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2010-10-22 00:00:00.0

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-05-20 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	RGQ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-01-30 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R4BV
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-07-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-09-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	1994-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1994-09-12 00:00:00.0
Scheduled Compliance Date:	1994-09-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-09-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-05-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCKAW

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-08-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-07-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-09-29 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-03-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-01-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-02-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-01-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-11-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-09-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	2007-01-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-05-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-04-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2011-05-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-05-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJBB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-05-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-07-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2005-09-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-08-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-03-19 00:00:00.0
Evaluation Responsible Agency:	EPA

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-11-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCPMB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-01-05 00:00:00.0

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-02-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-08-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-09-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	2010-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-04-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-05-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1984-03-19 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-11-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-03-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2010-10-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

RCRA Listings:

Date Form Received by Agency:	2018-11-28 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Handler Address:	2951 HWY 501 E
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD990704470
Contact Name:	BOB MARTIN
Contact Address:	2951 HWY 501 E
Contact City,State,Zip:	CONWAY, SC 29526
Contact Telephone:	843-347-3121 4205
Contact Fax:	Not reported
Contact Email:	BOB.MARTIN@PPG-INC.COM
Contact Title:	LAB DIRECTOR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2951 HWY 501 E
Mailing City,State,Zip:	CONWAY, SC 29526
Owner Name:	WOLVERINE BRASS INC
Owner Type:	Private
Operator Name:	WOLVERINE BRASS INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal

WOLVERINE BRASS INC (Continued) **1007116110**

Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Corrective Action, Post-Closure Care
Handler Date of Last Change:	2018-11-30 14:49:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

WOLVERINE BRASS INC (Continued) **1007116110**

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F006
Waste Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code:	F007
Waste Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code:	F008
Waste Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	F009
Waste Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHROP GRUMMAN SYSTEMS CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHROP GRUMMAN SYSTEMS CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1840 CENTURY PARK E
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90067
Owner/Operator Telephone:	310-556-4514
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8021 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	803-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2003-01-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	2011-09-01 00:00:00.
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	2009-12-31 00:00:00.
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.

WOLVERINE BRASS INC (Continued) **1007116110**

Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHROP GRUMMAN SYSTEMS CORP
Legal Status:	Private
Date Became Current:	2011-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2980 FAIRVIEW PARK DR
Owner/Operator City,State,Zip:	FALLS CHURCH, VA 22042
Owner/Operator Telephone:	703-280-4035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NORTHROP GRUMMAN SYSTEMS CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1840 CENTURY PARK E
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90067
Owner/Operator Telephone:	310-556-4514
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	2009-12-31 00:00:00.
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.

WOLVERINE BRASS INC (Continued) **1007116110**

Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-347-3121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLVERINE BRASS INC/TRW INC
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2951 HWY 501 E
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Historic Generators:

Receive Date:	1986-08-18 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-12-31 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1994-07-08 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-07-11 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-14 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

WOLVERINE BRASS INC (Continued) **1007116110**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-07-10 00:00:00.0
Handler Name: WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2009-10-27 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2009-12-07 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-09-27 00:00:00.0
Handler Name: WOLVERINE BRASS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2011-09-29 00:00:00.0

WOLVERINE BRASS INC (Continued) **1007116110**

Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-12-31 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2018-04-25 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2018-11-28 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1990-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

WOLVERINE BRASS INC (Continued) **1007116110**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-03 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-01 00:00:00.0
Handler Name:	WOLVERINE BRASS INC/TRW INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

WOLVERINE BRASS INC (Continued) **1007116110**

NAICS Code: 332913
NAICS Description: PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING

NAICS Code: 332919
NAICS Description: OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

NAICS Code: 332998
NAICS Description: ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 1986-09-12 00:00:00.0
Actual Return to Compliance Date: 1986-10-12 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined:	2006-11-30 00:00:00.0
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person:	SCRML
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Unknown
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2012-09-05 00:00:00.0
Actual Return to Compliance Date: 2012-09-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-09-28 00:00:00.0
Actual Return to Compliance Date:	1991-11-12 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-30 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1991-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCSMK
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2012-09-05 00:00:00.0
Actual Return to Compliance Date: 2012-09-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2005-08-18 00:00:00.0
Actual Return to Compliance Date: 2005-09-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2005-09-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCTSA
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2011-04-13 00:00:00.0
Actual Return to Compliance Date: 2011-05-31 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: 2011-04-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2005-08-18 00:00:00.0
Actual Return to Compliance Date: 2005-09-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: 2005-09-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCTSA
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 2008-07-29 00:00:00.0
Actual Return to Compliance Date: 2008-09-18 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-08-06 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 1994-07-26 00:00:00.0
Actual Return to Compliance Date: 1994-09-12 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1994-09-12 00:00:00.0
Enforcement Identifier: 000

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: 1994-08-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2006-11-30 00:00:00.0
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person:	SCRML
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1987-01-14 00:00:00.0
Actual Return to Compliance Date: 1987-02-11 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-11-30 00:00:00.0
Actual Return to Compliance Date: 2007-01-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: 2006-12-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2011-04-13 00:00:00.0
Actual Return to Compliance Date: 2011-05-31 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2011-04-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2005-08-18 00:00:00.0
Actual Return to Compliance Date: 2005-09-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2005-09-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCTSA
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1984-03-19 00:00:00.0
Actual Return to Compliance Date: 1985-11-08 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2006-11-30 00:00:00.0
Actual Return to Compliance Date: 2007-01-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: 2006-12-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-19 00:00:00.0
Actual Return to Compliance Date:	1985-11-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-08-12 00:00:00.0
Actual Return to Compliance Date: 2010-10-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-09-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCAP
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2010-03-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCKAW
Evaluation Responsible Sub-Organization: GW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1986-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-10-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	1993-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-08-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-06-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2010-10-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-09-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-04-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCPMB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-07-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-07-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-09-03 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1994-07-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier: SCJCO
Evaluation Responsible Sub-Organization: GW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2012-09-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCMM
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2012-09-13 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2010-10-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: SCAP
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2010-08-12 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCAP
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 2010-10-22 00:00:00.0

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-09-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-10-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	1996-12-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCLNM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-05-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJBB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1991-11-12 00:00:00.0
Scheduled Compliance Date:	1991-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-02-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2012-09-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2005-09-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-02-13 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-07-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1990-10-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-09-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCSWW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-02-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-02-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	2011-04-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2011-05-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-05-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2005-09-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-09-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-09-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-04-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-02-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	SCKAC
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-04-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2010-10-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-05-20 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	RGQ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1986-01-30 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R4BV
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-07-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-09-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1994-09-12 00:00:00.0
Scheduled Compliance Date:	1994-09-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-09-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-05-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	2012-09-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJCO

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-08-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-07-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-09-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-03-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-01-14 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-02-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-01-17 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-11-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJTH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-09-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-01-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-05-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2007-01-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-04-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2011-05-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	2010-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-05-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	SCJBB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-05-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-07-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-03-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2005-09-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCCCB
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-08-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-03-19 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-11-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-07-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCPMB
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State

WOLVERINE BRASS INC (Continued) **1007116110**

Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCRML
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2007-01-05 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2007-02-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCCCB
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2013-08-15 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier: SCKAW
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1998-09-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCJCO
Evaluation Responsible Sub-Organization: GW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1998-08-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: SCJCO
Evaluation Responsible Sub-Organization: GW
Actual Return to Compliance Date: Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-04-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCJCO
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-05-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	SCKAW
Evaluation Responsible Sub-Organization:	GW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

Evaluation Date:	1984-03-19 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-11-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-03-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCAP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	2010-10-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WOLVERINE BRASS INC (Continued) **1007116110**

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD990704470
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	051306
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA
Contamination:	VOC, METALS
Petroleum Products:	False
Volatile Organic Compounds:	True
Metals:	True
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	PPL, OTHER
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	True
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	True
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	NO
Remediation:	YES
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported

Remarks: In remediation phase. A corrective measures study has been imposed for the Industrial Sewer Pipeline.

CM372 **WOLVERINE BRASS INC** **SHWS** **1000430866**
Target **2951 HWY 501 E** **ECHO** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster CM

Actual:
42 ft.

Focus Map:
21

SHWS:

Name:	WOLVERINE BRASS WORKS
Address:	HWY 501 E
City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD043973908

ECHO:

Envid:	1000430866
Registry ID:	110000740798
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000740798
Name:	WOLVERINE BRASS INC
Address:	2951 HWY. 501 E.

WOLVERINE BRASS INC (Continued) **1000430866**

City,State,Zip: CONWAY, SC 29526

373	**CIRCLE K 2720908**	**LUST**	**U003524156**
Target	**1500 HWY 544**	**UST**	**N/A**
Property	**CONWAY, SC**		

Actual:
39 ft.

Focus Map:
20

LUST:

Name:	CIRCLE K 2720908
Address:	1500 HWY 544
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	17938
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	04/25/2017
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	04/08/2016
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	05/06/2016
Prefix:	Not reported
Total Score:	9

UST:

Name:	CIRCLE K 2720908
Address:	1500 HWY 544
City:	CONWAY
Facility ID:	17938
Permit:	P 17938
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Abandoned**
Capacity:	23000
Product:	Multiple petroleum
Calcage:	0

CN374 **COASTAL CLEANERS** — **SHWS** **S107599669**
Target **156 GARDNER LACY RD** — **DRYCLEANERS** **N/A**
Property **MYRTLE BEACH, SC 29579**

Site 1 of 2 in cluster CN

Actual:
41 ft.
Focus Map:
21

SHWS:
Name: COASTAL CLEANERS
Address: 156 GARDNER LACY RD
City,State,Zip: MYRTLE BEACH, SC 29579
EPA ID: SCDRY0057316

Drycleaners:
BLWM Number: 57316
Rank: N
Priority Group Explanation: N

CN375 **WOLVERINE BRASS WORKS** — **SEMS-ARCHIVE** **1015736398**
Target **HWY 501 E** — **SCD043973908**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster CN

Actual:
42 ft.
Focus Map:
21

SEMS Archive:
Site ID: 0403285
EPA ID: SCD043973908
Name: WOLVERINE BRASS WORKS
Address: HWY 501 E
Address 2: Not reported
City,State,Zip: CONWAY, SC 29526
Cong District: 06
FIPS Code: 45051
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 04
Site ID: 0403285
EPA ID: SCD043973908
Site Name: WOLVERINE BRASS WORKS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-12-31 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 04
Site ID: 0403285
EPA ID: SCD043973908
Site Name: WOLVERINE BRASS WORKS
NPL: N
FF: N
OU: 00
Action Code: DS

WOLVERINE BRASS WORKS (Continued) **1015736398**

Action Name:	DISCVRY
SEQ:	1
Start Date:	1987-10-28 05:00:00
Finish Date:	1987-10-28 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	04
Site ID:	0403285
EPA ID:	SCD043973908
Site Name:	WOLVERINE BRASS WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1990-09-05 04:00:00
Finish Date:	1990-09-06 04:00:00
Qual:	D
Current Action Lead:	St Perf

376	**SCOTCHMAN 3029**	**LUST**	**U004018977**
Target	**3047 HWY 501 E**	**UST**	**N/A**
Property	**CONWAY, SC**	**GWCI**	

Actual:
42 ft.

Focus Map:
21

LUST:

Name:	SCOTCHMAN 3029
Address:	3047 HWY 501 E
City,State,Zip:	CONWAY, SC 29526-9806
Release Number:	1
Facility ID:	04950
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	RI CS5 LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/31/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	1354

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported

SCOTCHMAN 3029 (Continued) **U004018977**

Depth to Ground Water: 3.5
Ground Water Flow Direction: SE
Release Number: 1
Confirmed date: 03/18/1992
RP Name: WORSLEY COMPANIES INC
RP Address: 1410 COMMONWEALTH DR #202
RP City: WILMINGTON
RP State: NC
RP Zip: 28403
SCRBCA Class Code: CLASS3BF
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:

Name: SCOTCHMAN 3029
Address: 3047 HWY 501 E
City: CONWAY
Facility ID: 04950
Permit: P 04950
Owner: RI CS5 LLC
Owner Address: 11995 EL CAMINO REAL
Owner City, st, zip: SAN DIEGO CA 92130
Owner Phone: 760-741-2111

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 3029
Address: 3047 HWY 501 E
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 3029
Address: 3047 HWY 501 E
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 10

Name: SCOTCHMAN 3029
Address: 3047 HWY 501 E
City: CONWAY

Tank ID: 4
Status: **Abandoned**

SCOTCHMAN 3029 (Continued) **U004018977**

Capacity: 4000
Product: Diesel fuel
Calcage: 10

Name: SCOTCHMAN 3029
Address: 3047 HWY 501 E
City: CONWAY

Tank ID: 5
Status: Currently in Use
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: SCOTCHMAN 3029
Address: 3047 HWY 501 E
City: CONWAY

Tank ID: 6
Status: Currently in Use
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 0

Name: SCOTCHMAN 3029
Address: 3047 HWY 501 E
City: CONWAY

Tank ID: 7
Status: Currently in Use
Capacity: 10000
Product: Diesel fuel
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 04950
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False

SCOTCHMAN 3029 (Continued) **U004018977**

Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04950. RBCA Classification 3BF8. Awaiting Funding.

CO377 **CVS PHARMACY 7654** **RCRA-VSQG** **1014961159**
Target **2996 E HWY 501** **SCR000773622**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster CO

Actual:
42 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Handler Address:	2996 E HWY 501
Handler City,State,Zip:	CONWAY, SC 29526-9532
EPA ID:	SCR000773622
Contact Name:	NICOLE WILKINSON
Contact Address:	ONE CVS DR
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	CVS PHARMACY INC
Owner Type:	Private
Operator Name:	SC CVS PHARMACY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

CVS PHARMACY 7654 (Continued) **1014961159**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-15 14:21:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

CVS PHARMACY 7654 (Continued) **1014961159**

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P012
Waste Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Waste Code: P042

CVS PHARMACY 7654 (Continued) **1014961159**

Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U070
Waste Description: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122

CVS PHARMACY 7654 (Continued) **1014961159**

Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U200
Waste Description:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
Waste Code:	U201
Waste Description:	1,3-BENZENEDIOL (OR) RESORCINOL
Waste Code:	U204
Waste Description:	SELENIOUS ACID (OR) SELENIUM DIOXIDE
Waste Code:	U205
Waste Description:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)
Waste Code:	U206
Waste Description:	D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
Waste Code:	U208
Waste Description:	1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U279
Waste Description:	U279
Waste Code:	U411
Waste Description:	U411

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.

CVS PHARMACY 7654 (Continued) **1014961159**

Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

CVS PHARMACY 7654 (Continued) **1014961159**

Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CVS PHARMACY 7654 (Continued) **1014961159**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

CVS PHARMACY 7654 (Continued) **1014961159**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2012-05-07 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-31 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-20 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

CVS PHARMACY 7654 (Continued) **1014961159**

Electronic Manifest Broker:	Not reported
Receive Date:	2014-10-22 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 7654
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	812922
NAICS Description:	ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

CO378 **CVS PHARMACY 7654** **ECHO** **1016034102**
Target **2996 E HWY 501** **N/A**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster CO

Actual:
42 ft.
Focus Map:
21

ECHO:

Envid:	1016034102
Registry ID:	110045562191
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045562191
Name:	CVS PHARMACY 7654
Address:	2996 E HWY 501
City,State,Zip:	CONWAY, SC 29526

---

379 **MYRTLE TRACE HOA** **ECHO** **1016028863**
Target **177 MYRTLE TRACE DR** **N/A**
Property **CONWAY, SC 29526**

Actual:
38 ft.
Focus Map:
21

ECHO:

Envid:	1016028863
Registry ID:	110044960539
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044960539
Name:	MYRTLE TRACE HOA
Address:	177 MYRTLE TRACE DR
City,State,Zip:	CONWAY, SC 29526

---

380 **JANICE CIRCLE MHP** **ECHO** **1008009869**
Target **8220 TIMBER RIDGE RD** **N/A**
Property **CONWAY, SC 29526**

Actual:
42 ft.
Focus Map:
21

ECHO:

Envid:	1008009869
Registry ID:	110002309252
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002309252
Name:	JANICE CIRCLE MHP (1360001)
Address:	8220 TIMBER RIDGE RD
City,State,Zip:	CONWAY, SC 29526

CP381 **GWS - WALMART 4664 - CONWAY (2680196)** **ECHO** **1017303559**
Target **151 MYRTLE RIDGE RD** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 4 in cluster CP

Actual:
39 ft.
Focus Map:
21

ECHO:

Envid:	1017303559
Registry ID:	110052816985
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110052816985
Name:	GWS - WALMART 4664 - CONWAY (2680196)
Address:	151 MYRTLE RIDGE RD
City,State,Zip:	CONWAY, SC 29526

CP382 Target Property | **WALMART SUPERCENTER 4664** **151 MYRTLE RIDGE RD** **CONWAY, SC 29526** | **ECHO** | **1012109790** **N/A**

Site 2 of 4 in cluster CP

Actual: **39 ft.**
Focus Map: **21**

ECHO:

Envid:	1012109790
Registry ID:	110038911372
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038911372
Name:	WALMART SUPERCENTER 4664
Address:	151 MYRTLE RIDGE RD
City,State,Zip:	CONWAY, SC 29526

CP383 Target Property | **WALMART SUPERCENTER 4664** **151 MYRTLE RIDGE RD** **CONWAY, SC 29526** | **RCRA-SQG** | **1012188359** **SCR000771196**

Site 3 of 4 in cluster CP

Actual: **39 ft.**
Focus Map: **21**

RCRA Listings:

Date Form Received by Agency:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Handler Address:	151 MYRTLE RIDGE RD
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000771196
Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	CASSIE.CLARK@WALMART.COM
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	WALMART STORES E LP
Owner Type:	Private
Operator Name:	WALMART STORES E LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-20 14:42:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D043
Waste Description: VINYL CHLORIDE

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4’-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2’-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART STORES E LP
Legal Status: Private
Date Became Current: 2009-05-12 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1300 SE 8TH ST
Owner/Operator City,State,Zip: BENTONVILLE, AR 72716-0605
Owner/Operator Telephone: 479-204-2231
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES E LP
Legal Status: Private
Date Became Current: 2013-02-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: P. O. BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2009-05-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES E LP
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-05-12 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-01 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-11-05 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-31 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-29 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-23 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-27 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-12-01 00:00:00.0

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-06-10 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-30 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 4664
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

NAICS Code: 452311
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 45291
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 452910
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2017-12-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-05-26 00:00:00.0
Evaluation Responsible Agency:	State

WALMART SUPERCENTER 4664 (Continued) **1012188359**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CP384 **MURPHY EXPRESS 8585** **UST** **U004154220**
Target **150 MYRTLE RIDGE RD** **N/A**
Property **CONWAY, SC**

Site 4 of 4 in cluster CP

Actual:
39 ft.
Focus Map:
21

UST:

Name:	MURPHY EXPRESS 8585
Address:	150 MYRTLE RIDGE RD
City:	CONWAY
Facility ID:	19507
Permit:	P 19507
Owner:	MURPHY OIL USA INC
Owner Address:	200 E PEACH ST
Owner City, st, zip:	EL DORADO AR 71730
Owner Phone:	870-875-7600
Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0
Name:	MURPHY EXPRESS 8585
Address:	150 MYRTLE RIDGE RD
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	20000
Product:	Multiple petroleum
Calcage:	0

CQ385 **CONBRACO INDUSTRIES INC** **ECHO** **1016121622**
Target **125 HIGHWAY 501 EAST** **N/A**
Property **CONWAY, SC 29526**

Site 1 of 2 in cluster CQ

Actual:
38 ft.
Focus Map:
21

ECHO:

Envid:	1016121622
Registry ID:	110000587482
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000587482
Name:	CONBRACO INDUSTRIES INC

CONBRACO INDUSTRIES INC (Continued) **1016121622**

Address:	125 HIGHWAY 501 EAST
City,State,Zip:	CONWAY, SC 29526

CQ386 **CONBRACO INDUSTRIES** **RCRA-LQG** **1007114909**
Target **125 HWY 501 E** **SCD059918862**
Property **CONWAY, SC 29526**

Site 2 of 2 in cluster CQ

Actual:
38 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2019-10-16 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Handler Address:	125 HWY 501 E
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD059918862
Contact Name:	MARTY STEWART
Contact Address:	PO BOX 1076
Contact City,State,Zip:	CONWAY, SC 29528-1076
Contact Telephone:	704-582-9043
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1076
Mailing City,State,Zip:	CONWAY, SC 29528-1076
Owner Name:	CONBRACO INDUSTRIES INC
Owner Type:	Private
Operator Name:	CONBRACO INDUSTRIES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

CONBRACO INDUSTRIES (Continued) **1007114909**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-16 16:07:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

CONBRACO INDUSTRIES (Continued) **1007114909**

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: Not reported
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONBRACO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	701 MATTHEWS MINT HILL RD
Owner/Operator City,State,Zip:	MATTHEWS, NC 28105
Owner/Operator Telephone:	704-847-9191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONBRACO INDUSTRIES BR UNKNOWN
Legal Status:	Private
Date Became Current:	2002-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	125 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONBRACO INDUSTRIES
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONBRACO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	701 MATTHEWS MINT HILL RD
Owner/Operator City,State,Zip:	MATTHEWS, NC 28105
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONBRACO INDUSTRIES INC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 125 HWY 501 E
Owner/Operator City,State,Zip: CONWAY, SC 29528
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONBRACO INDUSTRIES
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: Not reported
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONBRACO INDUSTRIES
Legal Status: Private
Date Became Current: 1980-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1076
Owner/Operator City,State,Zip: CONWAY, SC 29528
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONBRACO INDUSTRIES INC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 125 HWY 501 E

CONBRACO INDUSTRIES (Continued) **1007114909**

Owner/Operator City,State,Zip: CONWAY, SC 29528
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONBRACO INDUSTRIES
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: Not reported
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONBRACO INDUSTRIES BR UNKNOWN
Legal Status: Private
Date Became Current: 2003-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONBRACO INDUSTRIES
Legal Status: Private

CONBRACO INDUSTRIES (Continued) **1007114909**

Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONBRACO INDUSTRIES BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONBRACO INDUSTRIES BR UNKNOWN
Legal Status:	Private
Date Became Current:	2002-11-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	125 HWY 501 EAST
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONBRACO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	701 MATTHEWS MINT HILL RD
Owner/Operator City,State,Zip:	MATTHEWS, NC 28105
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONBRACO INDUSTRIES
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1076
Owner/Operator City,State,Zip:	CONWAY, SC 29528
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Historic Generators:

Receive Date:	2009-12-31 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2000-03-08 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-06 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-26 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-11-04 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CONBRACO INDUSTRIES (Continued) **1007114909**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-10-16 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	1990-03-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1980-01-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-01 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-01 00:00:00.0
Handler Name:	CONBRACO INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	331511
NAICS Description:	IRON FOUNDRIES
NAICS Code:	331512
NAICS Description:	STEEL INVESTMENT FOUNDRIES
NAICS Code:	332911
NAICS Description:	INDUSTRIAL VALVE MANUFACTURING
NAICS Code:	339
NAICS Description:	MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person:	SCEDC
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	5500
Paid Amount:	5500
Final Count:	1
Final Amount:	5500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-02-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2003-07-31 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-01-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-27 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: R-04-2002-4010
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-27 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: R-04-2002-4010
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-03-29 00:00:00.0
Actual Return to Compliance Date: 2016-03-29 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-05-02 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-07-31 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1988-05-05 00:00:00.0
Actual Return to Compliance Date: 1989-03-06 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 1988-09-14 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-01-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	SCEDC
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-27 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: R-04-2002-4010
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1988-05-05 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	1989-03-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-03-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-03-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	5500
Final Monetary Amount:	5500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	5500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-05-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5500
Paid Amount: 5500
Final Count: 1
Final Amount: 5500

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5500
Paid Amount: 5500
Final Count: 1
Final Amount: 5500

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined:	2016-03-29 00:00:00.0
Actual Return to Compliance Date:	2016-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2016-05-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-01-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-27 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: R-04-2002-4010
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2003-07-31 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-27 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: R-04-2002-4010
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5500
Paid Amount: 5500
Final Count: 1
Final Amount: 5500

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-07-31 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-07-31 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-02-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCEDC
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	2016-03-29 00:00:00.0
Actual Return to Compliance Date:	2016-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2016-05-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	1993-03-23 00:00:00.0
Actual Return to Compliance Date:	1993-05-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-04-30 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-03-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCSMK
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-06-05 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-07-31 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person:	SCRML
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	SCEDC
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	5500
Paid Amount:	5500
Final Count:	1
Final Amount:	5500

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2003-07-31 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-07-31 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-27 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: R-04-2002-4010
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2001-02-23 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2001-04-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-05-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCBCH
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2007-07-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-07-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	04-2002-410
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	500000
Paid Amount:	250000
Final Count:	1
Final Amount:	500000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2007-06-05 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-01-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	SCEDC
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2016-03-29 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: 2016-03-29 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-05-02 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-27 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: R-04-2002-4010
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-06-05 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-02-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCEDC
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2002-07-31 00:00:00.0
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-07-31 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCRML
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2003-07-31 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-01-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-01-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2001-02-23 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2001-04-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-05-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCBCH
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-01-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2003-07-31 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2003-07-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 04-2002-410
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: LLAMB
Enforcement Responsible Sub-Organization: ECB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 500000
Paid Amount: 250000
Final Count: 1
Final Amount: 500000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 2002-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-09-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	R-04-2002-4010
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	LLAMB
Enforcement Responsible Sub-Organization:	ECB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	2007-06-05 00:00:00.0
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2008-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

CONBRACO INDUSTRIES (Continued) **1007114909**

Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5500
Paid Amount: 5500
Final Count: 1
Final Amount: 5500

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2007-06-05 00:00:00.0
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-05-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: SCEDC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5500
Paid Amount: 5500
Final Count: 1
Final Amount: 5500

Evaluation Action Summary:
Evaluation Date: 2002-07-31 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-09-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-05-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-05-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA

CONBRACO INDUSTRIES (Continued) **1007114909**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1988-05-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1989-03-06 00:00:00.0
Scheduled Compliance Date: 1989-03-06 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-07-31 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: ECB
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2007-06-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCRML
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-07-31 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: ECB
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State

CONBRACO INDUSTRIES (Continued) **1007114909**

Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCRML
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2007-06-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCRML
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2008-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-07-31 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: ECB
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-07-31 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: ECB
Actual Return to Compliance Date: 2003-07-31 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-02-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 2003-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-01-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-07-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCTSA
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-03-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Date:	1993-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1993-05-21 00:00:00.0
Scheduled Compliance Date:	1993-04-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2001-04-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	LLAMB
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-08-28 00:00:00.0
Evaluation Responsible Agency:	State

CONBRACO INDUSTRIES (Continued) **1007114909**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WC
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-03-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0

CONBRACO INDUSTRIES (Continued) **1007114909**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-02-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH

CONBRACO INDUSTRIES (Continued) **1007114909**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

CONBRACO INDUSTRIES (Continued) **1007114909**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-02-23 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	HDANO
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2001-04-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-02-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	2003-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	2003-07-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State

CONBRACO INDUSTRIES (Continued) **1007114909**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCRML
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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387 **HADWIN WHITE PONT BUICK GMC** **ECHO** **1016185566**
Target **6013 HIGHWAY 501 EAST** **N/A**
Property **CONWAY, SC 29526**

Actual:
42 ft.

Focus Map:
21

ECHO:

Envid:	1016185566
Registry ID:	110002330521
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330521
Name:	HADWIN WHITE PONT BUICK GMC
Address:	6013 HIGHWAY 501 EAST
City,State,Zip:	CONWAY, SC 29526

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388 **WALGREENS 17460** **RCRA-VSQG** **1015750288**
Target **1905 HWY 544** **ECHO** **SCR000775742**
Property **CONWAY, SC 29526**

Actual:
25 ft.

Focus Map:
20

RCRA Listings:

Date Form Received by Agency:	2019-07-19 00:00:00.0
Handler Name:	WALGREENS 17460
Handler Address:	1905 HWY 544
Handler City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCR000775742
Contact Name:	KIMBERLY DASCOLI
Contact Address:	WILMOT RD
Contact City,State,Zip:	DEERFIELD, IL 60015
Contact Telephone:	847-315-2812
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private

WALGREENS 17460 (Continued) **1015750288**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	WILMOT RD
Mailing City,State,Zip:	DEERFIELD, IL 60015
Owner Name:	WOOD COMPANY CENTER LLC
Owner Type:	Private
Operator Name:	ECKERD CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

WALGREENS 17460 (Continued) **1015750288**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-08-20 10:46:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

WALGREENS 17460 (Continued) **1015750288**

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:
Owner/Operator Indicator: PO
Owner/Operator Name: ECKERD CORPORATION
Legal Status: Private
Date Became Current: 2012-09-24 00:00:00.
Date Ended Current: 2015-03-30 00:00:00.
Owner/Operator Address: 30 HUNTER LANE
Owner/Operator City,State,Zip: CAMP HILL, PA 17011
Owner/Operator Telephone: 717-761-2633
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ECKERD CORPORATION
Legal Status: Private
Date Became Current: 2015-03-30 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 30 HUNTER LANE
Owner/Operator City,State,Zip: CAMP HILL, PA 17011
Owner/Operator Telephone: 717-975-8643
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WALGREENS EASTERN CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported

WALGREENS 17460 (Continued) **1015750288**

Owner/Operator Address:	200 WILMOT RD #2275
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREENS EASTERN CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 WILMOT RD #2275
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECKERD CORPORATION
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN ATTN EH&S
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECKERD CORPORATION
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN ATTN EH&S
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD COMPANY CENTER LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	321 HENRY ST
Owner/Operator City,State,Zip:	LEXINGTON, KY 40508
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO

WALGREENS 17460 (Continued) **1015750288**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 WILMOT RD MS#3301
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD COMPANY CENTER LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	321 HENRY ST
Owner/Operator City,State,Zip:	LEXINGTON, KY 40508
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECKERD CORPORATION
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN ATTN EH&S
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD COMPANY CENTER LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	321 HENRY ST
Owner/Operator City,State,Zip:	LEXINGTON, KY 40508
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 WILMOT RD MS#3301
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WALGREENS 17460 (Continued) **1015750288**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECKERD CORPORATION
Legal Status:	Private
Date Became Current:	2012-09-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECKERD CORPORATION
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN ATTN EH&S
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RITE AID CORPORATION
Legal Status:	Private
Date Became Current:	2012-09-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD COMPANY CENTER LLC
Legal Status:	Private
Date Became Current:	2015-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	321 HENRY STREET
Owner/Operator City,State,Zip:	LEXINGTON, KY 40508
Owner/Operator Telephone:	859-335-9663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PO
Owner/Operator Name:	ECKERD CORPORATION
Legal Status:	Private
Date Became Current:	2012-09-24 00:00:00.
Date Ended Current:	2015-03-30 00:00:00.
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported

WALGREENS 17460 (Continued) **1015750288**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD COMPANY CENTER LLC
Legal Status:	Private
Date Became Current:	2015-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	321 HENRY STREET
Owner/Operator City,State,Zip:	LEXINGTON, KY 40508
Owner/Operator Telephone:	859-335-9663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD COMPANY CENTER LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	321 HENRY ST
Owner/Operator City,State,Zip:	LEXINGTON, KY 40508
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECKERD CORPORATION
Legal Status:	Private
Date Became Current:	2015-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-975-8643
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	RITE AID 11626
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-09-19 00:00:00.0
Handler Name:	RITE AID #11626
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC

WALGREENS 17460 (Continued) **1015750288**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-03-30 00:00:00.0
Handler Name:	RITE AID #11626
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-31 00:00:00.0
Handler Name:	RITE AID #11626
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-09-21 00:00:00.0
Handler Name:	RITE AID 11626
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-31 00:00:00.0
Handler Name:	RITE AID 11626
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

WALGREENS 17460 (Continued) **1015750288**

Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-07-19 00:00:00.0
Handler Name:	WALGREENS 17460
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1015750288
Registry ID:	110046540114
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046540114
Name:	WALGREENS 17460
Address:	1905 HWY 544
City,State,Zip:	CONWAY, SC 29526

CR389
Target
Property

WACCAMAW GROCERY
4823 PEE DEE HWY
CONWAY, SC

UST **U004254980**
N/A

Site 1 of 4 in cluster CR

Actual:
19 ft.

Focus Map:
17

UST:

Name:	WACCAMAW GROCERY
Address:	4823 PEE DEE HWY
City:	CONWAY
Facility ID:	18236
Permit:	P 18236
Owner:	STAMEY, BRYAN E

WACCAMAW GROCERY (Continued) **U004254980**

Owner Address:	PO BOX 280
Owner City, st, zip:	AYNOR SC 29511
Owner Phone:	843-504-1111
Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Multiple petroleum
Calcage:	0

CR390 **STAMEY JERRY** **EDR Hist Auto** **1021313388**
Target **4823 PEE DEE HWY** **N/A**
Property **CONWAY, SC 29527**

Site 2 of 4 in cluster CR

Actual:
19 ft.
EDR Hist Auto

Focus Map:
17

Year:	Name:	Type:
1992	STAMEY JERRY	Convenience Stores
1993	STAMEY JERRY	Convenience Stores
1994	STAMEY JERRY	Convenience Stores
1995	STAMEY JERRY	Convenience Stores
1996	STAMEY JERRY	Convenience Stores
1997	STAMEY JERRY	Convenience Stores
1998	STAMEY JERRY	Convenience Stores
1999	WACCAMAW GROCERY	Convenience Stores
2000	WACCAMAW GROCERY	Convenience Stores
2001	WACCAMAW GROCERY	Convenience Stores
2002	WACCAMAW GROCERY	Convenience Stores
2003	WACCAMAW GROCERY	Convenience Stores
2004	WACCAMAW GROCERY	Convenience Stores

CR391 **WACCAMAW GROCERY** **UST** **U004256054**
Target **4823 PEE DEE HWY** **N/A**
Property **CONWAY, SC**

Site 3 of 4 in cluster CR

Actual:
19 ft.

Focus Map:
17

UST:

Name:	WACCAMAW GROCERY
Address:	4823 PEE DEE HWY
City:	CONWAY
Facility ID:	04955
Permit:	N 04955
Owner:	ESTATE OF JERRY E STAMEY
Owner Address:	4823 PEE DEE HWY
Owner City, st, zip:	CONWAY SC 29527
Owner Phone:	803-397-5000
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

WACCAMAW GROCERY (Continued) **U004256054**

Name: WACCAMAW GROCERY
Address: 4823 PEE DEE HWY
City: CONWAY

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 5

CR392	**WACCAMAW GROCERY**	**LUST**	**U004254347**
Target	**4823 PEE DEE HWY**	**UST**	**N/A**
Property	**CONWAY, SC**		

Site 4 of 4 in cluster CR

Actual:
19 ft.

Focus Map:
17

LUST:

Name:	WACCAMAW GROCERY
Address:	4823 PEE DEE HWY
City,State,Zip:	CONWAY, SC 29527
Release Number:	1
Facility ID:	15175
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	STAMEY, ROBERTA
Tank Owner Last Name:	STAMEY
Tank Owner First name:	ROBERTA
NFA Date:	06/18/1999
Tank Owner City:	CONWAY
Confirmed Date:	11/04/1998
Release Date:	11/04/1998
EID:	1784085
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5A
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	WACCAMAW GROCERY
Local Fac First Name:	Not reported
User Name:	DUBOISPM
Cleanup Initiated Date:	11/04/1998
Prefix:	N
Total Score:	1

LUST:

Release Date:	11/04/1998
Cleanup Complete Date:	06/18/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	11/04/1998
RP Name:	STAMEY
RP Address:	4823 PEE DEE HWY
RP City:	CONWAY
RP State:	SC
RP Zip:	29527
SCRBCA Class Code:	CLASS5A
Project Manager:	DUBOIS, PAMELA M

WACCAMAW GROCERY (Continued) **U004254347**

Release Fin Type Code: W25

UST:

Name:	WACCAMAW GROCERY
Address:	4823 PEE DEE HWY
City:	CONWAY
Facility ID:	15175
Permit:	N 15175
Owner:	STAMEY, ROBERTA
Owner Address:	4823 PEE DEE HWY
Owner City, st, zip:	CONWAY SC 29527
Owner Phone:	803-397-5000

Tank ID:	1
Status:	**Abandoned**
Capacity:	1500
Product:	Gasoline
Calcage:	20

Name:	WACCAMAW GROCERY
Address:	4823 PEE DEE HWY
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	20

---

393 **SPEEDWAY 4588** **LUST** **U003629871**
Target **1931 HWY 544** **UST** **N/A**
Property **CONWAY, SC**

Actual:
29 ft.

Focus Map:
20

LUST:

Name:	SPEEDWAY 4588
Address:	1931 HWY 544
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	17734
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	SPEEDWAY LLC
Tank Owner Last Name:	SPEEDWAY LLC
Tank Owner First name:	Not reported
NFA Date:	02/14/2007
Tank Owner City:	ENON
Confirmed Date:	08/23/2005
Release Date:	10/11/2004
EID:	14767612
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SPEEDWAY 4588
Local Fac First Name:	Not reported

SPEEDWAY 4588 (Continued) **U003629871**

User Name:	RIDGLECT
Cleanup Initiated Date:	08/23/2005
Prefix:	P
Total Score:	1

LUST:

Release Date:	10/11/2004
Cleanup Complete Date:	11/03/2006
Depth to Ground Water:	9.099
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	08/23/2005
RP Name:	WILCO HESS LLC
RP Address:	5446 UNIVERSITY PKWY
RP City:	WINSTON SALEM
RP State:	NC
RP Zip:	27105
SCRBCA Class Code:	CLASS5B
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

Name:	SPEEDWAY 4588
Address:	1931 HWY 544
City,State,Zip:	CONWAY, SC 29526
Release Number:	2
Facility ID:	17734
Release Status Number:	1
Substance:	Not reported
Tank Owner Company Name:	SPEEDWAY LLC
Tank Owner Last Name:	SPEEDWAY LLC
Tank Owner First name:	Not reported
NFA Date:	06/12/2019
Tank Owner City:	ENON
Confirmed Date:	08/23/2005
Release Date:	06/04/2019
EID:	14767612
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SPEEDWAY 4588
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	06/12/2019
Prefix:	P
Total Score:	Not reported

LUST:

Release Date:	10/11/2004
Cleanup Complete Date:	11/03/2006
Depth to Ground Water:	9.099
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	08/23/2005
RP Name:	WILCO HESS LLC
RP Address:	5446 UNIVERSITY PKWY

SPEEDWAY 4588 (Continued) **U003629871**

RP City:	WINSTON SALEM
RP State:	NC
RP Zip:	27105
SCRBCA Class Code:	CLASS5B
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	SPEEDWAY 4588
Address:	1931 HWY 544
City:	CONWAY
Facility ID:	17734
Permit:	P 17734
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	SPEEDWAY 4588
Address:	1931 HWY 544
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	SPEEDWAY 4588
Address:	1931 HWY 544
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

---

394 **SPEEDWAY 4588** **ECHO** **1018382814**
Target **1931 HWY 544** **N/A**
Property **CONWAY, SC 29526**

Actual:
28 ft.

Focus Map:
20

ECHO:

Envid:	1018382814
Registry ID:	110069457484
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069457484
Name:	SPEEDWAY 4588
Address:	1931 HWY 544
City,State,Zip:	CONWAY, SC 29526

395 **CONWAY CLEANERS** **EDR Hist Cleaner** **1018777734**
Target **4012 POSTAL WAY STE C** **N/A**
Property **MYRTLE BEACH, SC 29579**

EDR Hist Cleaner

Actual:
42 ft.
Focus Map:
21

Year:	Name:	Type:
2009	CONWAY CLEANERS	Laundry And Drycleaner Agents
2010	CONWAY CLEANERS	Laundry And Drycleaner Agents

---

396 **SCOTCHMAN 3225** **UST** **U004067071**
Target **4101 POSTAL WAY** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
38 ft.
Focus Map:
21

UST:

Name:	SCOTCHMAN 3225
Address:	4101 POSTAL WAY
City:	MYRTLE BEACH
Facility ID:	19261
Permit:	P 19261
Owner:	RI CS5 LLC
Owner Address:	11995 EL CAMINO REAL
Owner City, st, zip:	SAN DIEGO CA 92130
Owner Phone:	760-741-2111
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	SCOTCHMAN 3225
Address:	4101 POSTAL WAY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Multiple petroleum
Calcage:	0

CS397 **KROGER 0026-11** **RCRA-VSQG** **1018160271**
Target **3735 RENEE DR** **ECHO** **SCR000780429**
Property **MYRTLE BEACH, SC 29579**

Site 1 of 2 in cluster CS

Actual:
42 ft.
Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2016-12-12 00:00:00.0
Handler Name:	KROGER 0026-11
Handler Address:	3735 RENEE DR
Handler City,State,Zip:	MYRTLE BEACH, SC 29579
EPA ID:	SCR000780429

KROGER 0026-11 (Continued) **1018160271**

Contact Name:	PEG CHANDLER
Contact Address:	VINE ST 17TH FLOOR
Contact City,State,Zip:	CINCINNATI, OH 45202
Contact Telephone:	513-562-5161
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	VINE ST 17TH FLOOR
Mailing City,State,Zip:	CINCINNATI, OH 45202
Owner Name:	THE KROGER CO
Owner Type:	Private
Operator Name:	THE KROGER CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

KROGER 0026-11 (Continued) **1018160271**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-03-15 10:46:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

KROGER 0026-11 (Continued) **1018160271**

Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U010
Waste Description:	AZIRINO [2’,3’:3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U036
Waste Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U059
Waste Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4’-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2’-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U144
Waste Description:	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
Waste Code:	U150

KROGER 0026-11 (Continued) **1018160271**

Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U187
Waste Description: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U202
Waste Description: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

Waste Code: U204
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: THE KROGER CO
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1014 VINE ST
Owner/Operator City,State,Zip: CINCINNATI, OH 45202
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE KROGER CO
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1014 VINE ST
Owner/Operator City,State,Zip: CINCINNATI, OH 45202
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE KROGER CO
Legal Status: Private
Date Became Current: 2015-08-21 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1014 VINE ST

KROGER 0026-11 (Continued) **1018160271**

Owner/Operator City,State,Zip:	CNCINNATI, OH 45202
Owner/Operator Telephone:	513-562-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1014 VINE ST
Owner/Operator City,State,Zip:	CINCINNATI, OH 45202
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1014 VINE ST
Owner/Operator City,State,Zip:	CINCINNATI, OH 45202
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private
Date Became Current:	2015-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1014 VINE ST
Owner/Operator City,State,Zip:	CNCINNATI, OH 45202
Owner/Operator Telephone:	513-562-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1014 VINE ST
Owner/Operator City,State,Zip:	CINCINNATI, OH 45202
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE KROGER CO
Legal Status:	Private

KROGER 0026-11 (Continued) **1018160271**

Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1014 VINE ST
Owner/Operator City,State,Zip:	CINCINNATI, OH 45202
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	KROGER 0026-11
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-08-21 00:00:00.0
Handler Name:	KROGER 0026-11
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-09-01 00:00:00.0
Handler Name:	KROGER 0026-11
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-12-12 00:00:00.0
Handler Name:	KROGER 0026-11
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

KROGER 0026-11 (Continued) **1018160271**

Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44511
NAICS Description:	SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES
NAICS Code:	445110
NAICS Description:	SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1018160271
Registry ID:	110066985819
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110066985819
Name:	KROGER 0026-11
Address:	3735 RENEE DR
City,State,Zip:	MYRTLE BEACH, SC 29579

CS398 **Target** **Property**	**KROGER FUEL CENTER 026** **3735 RENEE DR** **MYRTLE BEACH, SC**	**UST**	**U004192154** **N/A**

Site 2 of 2 in cluster CS

Actual:
42 ft.

Focus Map:
21

UST:

Name:	KROGER FUEL CENTER 026
Address:	3735 RENEE DR
City:	MYRTLE BEACH
Facility ID:	19629
Permit:	P 19629
Owner:	THE KROGER CO
Owner Address:	2175 PARKLAKE DR NE
Owner City, st, zip:	ATLANTA GA 30345
Owner Phone:	770-496-3094
Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0
Name:	KROGER FUEL CENTER 026
Address:	3735 RENEE DR
City:	MYRTLE BEACH
Tank ID:	2

KROGER FUEL CENTER 026 (Continued) **U004192154**

Status:	**Currently in Use**
Capacity:	18000
Product:	Multiple petroleum
Calcage:	0

CT399 SCOTCHMAN 3123 — **UST** — **U003766202**
Target 3774 RENEE DR — **N/A**
Property MYRTLE BEACH, SC

Site 1 of 2 in cluster CT

Actual:
42 ft.

Focus Map:
21

UST:

Name:	SCOTCHMAN 3123
Address:	3774 RENEE DR
City:	MYRTLE BEACH
Facility ID:	18699
Permit:	P 18699
Owner:	RI CS5 LLC
Owner Address:	11995 EL CAMINO REAL
Owner City, st, zip:	SAN DIEGO CA 92130
Owner Phone:	760-741-2111

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

Name:	SCOTCHMAN 3123
Address:	3774 RENEE DR
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0

CT400 SCOTCHMAN 3123 — **LUST** — **S126116417**
Target 3774 RENEE DR — **N/A**
Property MYRTLE BEACH, SC 29579

Site 2 of 2 in cluster CT

Actual:
42 ft.

Focus Map:
21

LUST:

Name:	SCOTCHMAN 3123
Address:	3774 RENEE DR
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	18699
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	RI CS5 LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported

SCOTCHMAN 3123 (Continued) **S126116417**

Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/21/2020
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	03/13/2020
Prefix:	Not reported
Total Score:	1

---

401 Target Property
PAULEY SWAMP WELL REVERSE OSMOSIS SYSTEM
PEE DEE HWY AND PAULEY SWAMP RD.
CONWAY, SC 29527
ECHO **1017402544** **N/A**

Actual: 17 ft.
Focus Map: 17

ECHO:

Envid:	1017402544
Registry ID:	110063023749
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110063023749
Name:	PAULEY SWAMP WELL REVERSE OSMOSIS SYSTEM
Address:	PEE DEE HWY AND PAULEY SWAMP RD.
City,State,Zip:	CONWAY, SC 29527

---

402 Target Property
ASHFORD SUBDIVISION
OF US HWY 501 & PERRY RD
MYRTLE BEACH, SC 29572
ECHO **1005690966** **N/A**

Actual: 42 ft.
Focus Map: 21

ECHO:

Envid:	1005690966
Registry ID:	110010687667
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110010687667
Name:	ASHFORD SUBDIVISION
Address:	OF US HWY 501 & PERRY RD
City,State,Zip:	MYRTLE BEACH, SC 29572

---

403 Target Property
607 KENT LN
MYRTLE BEACH, SC 29579
CDL **S123664298** **N/A**

Actual: 35 ft.
Focus Map: 22

CDL 2:

Name:	Not reported
Address:	607 KENT LN
City,State,Zip:	MYRTLE BEACH, SC 29579
Date Seized:	05/30/2019
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	HORRY COUNTY POLICE DEPT. HEADQUARTERS
Lab Number:	190017
Children Present:	NO

(Continued) **S123664298**

Lab Type:	One Pot
Contractor Name:	AEO
Invoice Amount:	4225
Was NPLEX Used:	NO
Num Child:	0
Structure:	Outbuilding

404
Target Property **946 PEPPERWOOD DR**
CONWAY, SC 29526 **CDL** **S120857627**
N/A

Actual:
41 ft.

Focus Map:
20

CDL 2:

Name:	Not reported
Address:	946 PEPPERWOOD DR
City,State,Zip:	CONWAY, SC 29526
Date Seized:	05/21/2017
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	HORRY COUNTY SHERIFF'S DEPT. HEADQUARTERS
Lab Number:	170062
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	2862
Was NPLEX Used:	NO
Num Child:	0
Structure:	Vehicle

405
Target Property **SCOTCHMAN 3121**
104 SEABORN DR
MYRTLE BEACH, SC **UST** **U004182755**
N/A

Actual:
38 ft.

Focus Map:
21

UST:

Name:	SCOTCHMAN 3121
Address:	104 SEABORN DR
City:	MYRTLE BEACH
Facility ID:	18698
Permit:	P 18698
Owner:	CHASTAIN CURTIS PROPERTIES LLC
Owner Address:	10741 GREY HERON CT
Owner City, st, zip:	PORT SAINT LUCIE FL 34986-3010
Owner Phone:	772-696-1113

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

Name:	SCOTCHMAN 3121
Address:	104 SEABORN DR
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**

SCOTCHMAN 3121 (Continued) **U004182755**

Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	SCOTCHMAN 3121
Address:	104 SEABORN DR
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	6000
Product:	Diesel fuel
Calcage:	0

406
Target
Property

GANDER MOUNTAIN 330
1049 GLENFOREST
MYRTLE BEACH, SC 29579

RCRA-VSQG **1017788949**
ECHO **SCR000778910**

Actual:
38 ft.

Focus Map:
21

RCRA Listings:

Date Form Received by Agency:	2015-04-09 00:00:00.0
Handler Name:	GANDER MOUNTAIN 330
Handler Address:	1049 GLENFOREST
Handler City,State,Zip:	MYRTLE BEACH, SC 29579
EPA ID:	SCR000778910
Contact Name:	DAVID WEBER
Contact Address:	WINDMILL WAY
Contact City,State,Zip:	MYRTLE BEACH, SC 29579
Contact Telephone:	843-236-6250
Contact Fax:	Not reported
Contact Email:	GM330MGR@GANDERMOUNTAIN.COM
Contact Title:	STORE MNAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	E 5TH ST STE 1300
Mailing City,State,Zip:	ST PAUL, MN 55101
Owner Name:	GUGGENHEM PARTNERS LLC
Owner Type:	Private
Operator Name:	DAVID WEBER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

GANDER MOUNTAIN 330 (Continued) **1017788949**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-09 15:16:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE

Handler - Owner Operator:

GANDER MOUNTAIN 330 (Continued) **1017788949**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GUGGENHEM PARTNERS LLC
Legal Status:	Private
Date Became Current:	2015-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3000 INTERNET BLVD STE 570
Owner/Operator City,State,Zip:	FRISCO, TX 75034
Owner/Operator Telephone:	214-872-4042
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID WEBER
Legal Status:	Private
Date Became Current:	2015-01-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2422 WINDMILL WAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29579
Owner/Operator Telephone:	843-236-6250
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-04-09 00:00:00.0
Handler Name:	GANDER MOUNTAIN 330
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45111
NAICS Description:	SPORTING GOODS STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1017788949
Registry ID:	110064386178
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064386178
Name:	GANDER MOUNTAIN 330

GANDER MOUNTAIN 330 (Continued) **1017788949**

Address: 1049 GLENFOREST
City,State,Zip: MYRTLE BEACH, SC 29579

407
Target
Property

J A GROCERY
2290 HWY 544
CONWAY, SC

LUST **U003522567**
UST **N/A**

Actual:
28 ft.

Focus Map:
20

LUST:

Name:	J A GROCERY
Address:	2290 HWY 544
City,State,Zip:	CONWAY, SC 29526-9217
Release Number:	1
Facility ID:	05141
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	04/04/1994
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/02/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DEVOREJA
Cleanup Initiated Date:	08/07/1992
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	J A GROCERY
Address:	2290 HWY 544
City:	CONWAY
Facility ID:	05141
Permit:	N 05141
Owner:	CENAMA INC
Owner Address:	123 SHIPYARD BLVD
Owner City, st, zip:	WILMINGTON NC 28412
Owner Phone:	910-395-5300

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

Name:	J A GROCERY
Address:	2290 HWY 544
City:	CONWAY

Tank ID:	2

J A GROCERY (Continued) **U003522567**

Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 5

Name: J A GROCERY
Address: 2290 HWY 544
City: CONWAY

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 5

408
Target
Property

HORRY COUNTY FIREWORKS DISPOSAL
SC 544 (4MILES S. OF 501)
CONWAY, SC 29526

SEMS-ARCHIVE **1003868509**
SHWS **SCD981029093**

Actual:
28 ft.

Focus Map:
20

SEMS Archive:

Site ID: 0403471
EPA ID: SCD981029093
Name: HORRY COUNTY FIREWORKS DISPOSAL
Address: SC 544 (4MILES S. OF 501)
Address 2: Not reported
City,State,Zip: CONWAY, SC 29526
Cong District: 06
FIPS Code: 45051
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 04
Site ID: 0403471
EPA ID: SCD981029093
Site Name: HORRY COUNTY FIREWORKS DISPOSAL
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-12-31 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 04
Site ID: 0403471
EPA ID: SCD981029093
Site Name: HORRY COUNTY FIREWORKS DISPOSAL
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 1

HORRY COUNTY FIREWORKS DISPOSAL (Continued) **1003868509**

Start Date:	1985-01-07 06:00:00
Finish Date:	1985-02-18 06:00:00
Qual:	C
Current Action Lead:	EPA Perf
Region:	04
Site ID:	0403471
EPA ID:	SCD981029093
Site Name:	HORRY COUNTY FIREWORKS DISPOSAL
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1985-01-30 06:00:00
Finish Date:	1985-01-30 06:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	04
Site ID:	0403471
EPA ID:	SCD981029093
Site Name:	HORRY COUNTY FIREWORKS DISPOSAL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-10-17 04:00:00
Qual:	L
Current Action Lead:	St Perf
Region:	04
Site ID:	0403471
EPA ID:	SCD981029093
Site Name:	HORRY COUNTY FIREWORKS DISPOSAL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	Not reported
Finish Date:	1989-03-07 05:00:00
Qual:	L
Current Action Lead:	St Perf
Region:	04
Site ID:	0403471
EPA ID:	SCD981029093
Site Name:	HORRY COUNTY FIREWORKS DISPOSAL
NPL:	N
FF:	N
OU:	00

HORRY COUNTY FIREWORKS DISPOSAL (Continued) **1003868509**

Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-08-03 04:00:00
Qual:	N
Current Action Lead:	St Perf

SHWS:

Name:	HORRY COUNTY FIREWORKS DISPOSAL
Address:	7 MI E ON HWY 544 FROM INT US 501
City,State,Zip:	CONWAY, SC 29526
EPA ID:	SCD981029093

409
Target Property
4434 PEEDEE HWY
CONWAY, SC 29526

CDL **S116230300**
N/A

Actual:
17 ft.
Focus Map:
17

CDL 2:

Name:	Not reported
Address:	4434 PEEDEE HWY
City,State,Zip:	CONWAY, SC 29526
Date Seized:	10/10/2013
Facility Detail:	Not reported
Lab Address:	4434 PeeDee HwyConway, SC 29526
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

CU410
Target Property
CIRCLE K 2723071
4408 HWY 501
MYRTLE BEACH, SC

UST **U003629853**
N/A

Site 1 of 2 in cluster CU

Actual:
32 ft.
Focus Map:
27

UST:

Name:	CIRCLE K 2723071
Address:	4408 HWY 501
City:	MYRTLE BEACH
Facility ID:	17599
Permit:	P 17599
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**

CIRCLE K 2723071 (Continued) **U003629853**

Capacity:	20000
Product:	Gasoline RUL
Calcage:	0
Name:	CIRCLE K 2723071
Address:	4408 HWY 501
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	15000
Product:	Diesel fuel
Calcage:	0
Name:	CIRCLE K 2723071
Address:	4408 HWY 501
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline Super/Prem
Calcage:	0

CU411 **PANTRY INC** **EDR Hist Auto** **1020692398**
Target **4408 HIGHWAY 501** **N/A**
Property **MYRTLE BEACH, SC 29579**

Site 2 of 2 in cluster CU

Actual:
32 ft.

EDR Hist Auto

Focus Map:
27

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	SMOKERS EXPRESS	Gasoline Service Stations
2011	PANTRY INC	Convenience Stores
2012	SMOKERS EXPRESS	Gasoline Service Stations
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2013	SMOKERS EXPRESS	Gasoline Service Stations
2014	PANTRY INC	Convenience Stores
2014	SMOKERS EXPRESS	Gasoline Service Stations

412 **Target** **Property**	**WACCAMAW BRICK** **305 GREENLEAF CIR** **MYRTLE BEACH, SC**	**LUST** **UST**	**U001538513** **N/A**

Actual:
32 ft.

Focus Map:
27

LUST:

Name:	WACCAMAW BRICK
Address:	305 GREENLEAF CIR
City,State,Zip:	MYRTLE BEACH, SC 29579-6806
Release Number:	1
Facility ID:	05028
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	WACCAMAW BRICK
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/20/1999
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/19/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	ANDERSPE
Cleanup Initiated Date:	04/18/1994
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	01/19/1993
Cleanup Complete Date:	09/20/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	04/18/1994
RP Name:	WACCAMAW BRICK
RP Address:	305 GREENLEAF CIR
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29579-6806
SCRBCA Class Code:	CLASS3BF
Project Manager:	ANDERSON, PAULA E
Release Fin Type Code:	QNW

UST:

Name:	WACCAMAW BRICK
Address:	305 GREENLEAF CIR
City:	MYRTLE BEACH
Facility ID:	05028
Permit:	N 05028
Owner:	WACCAMAW BRICK
Owner Address:	305 GREENLEAF CIR
Owner City, st, zip:	MYRTLE BEACH SC 29579-6806
Owner Phone:	843-236-2121

WACCAMAW BRICK (Continued) **U001538513**

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	20
Name:	WACCAMAW BRICK
Address:	305 GREENLEAF CIR
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	20
Name:	WACCAMAW BRICK
Address:	305 GREENLEAF CIR
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	10

CV413 **CAR TUNE OF MYRTLE BEACH INC** **EDR Hist Auto** **1020743691**
Target **4361 HWY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster CV

Actual: EDR Hist Auto
32 ft.

Focus Map:
27

Year:	Name:	Type:
1989	CAR TUNE OF MYRTLE BEACH INC	Engine Repair
1990	CAR TUNE OF MYRTLE BEACH INC	Engine Repair
1991	CAR TUNE OF MYRTLE BEACH INC	Engine Repair
1994	PRECISION TUNE INC	Gasoline Service Stations
1995	PRECISION TUNE INC	Gasoline Service Stations
1996	PRECISION TUNE	Automotive Repair Shops, NEC
1997	PRECISION TUNE	Automotive Repair Shops, NEC
1998	PRECISION TUNE INC	Automotive Repair Shops, NEC
1999	PRECISION TUNE INC	Automotive Repair Shops, NEC
2000	PRECISION TUNE INC	Automotive Repair Shops, NEC
2001	PRECISION TUNE INC	Automotive Repair Shops, NEC
2002	PTW INC	Automotive Repair Shops, NEC
2003	PTW INC	Automotive Repair Shops, NEC
2004	PTW INC	Automotive Repair Shops, NEC
2005	PTW INC	General Automotive Repair Shops
2006	PTW INC	General Automotive Repair Shops

414 **MYRTLE BEACH SPEEDWAY** **LUST** **U003558280**
Target **455 HOSPITALITY LN** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
32 ft.

Focus Map:
28

LUST:

Name:	MYRTLE BEACH SPEEDWAY
Address:	455 HOSPITALITY LN
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	10872
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	L WENDELL BEARDEN DBA B
Tank Owner Last Name:	L WENDELL BEARDEN DBA BEARDEN OIL COMPANY
Tank Owner First name:	Not reported
NFA Date:	02/14/2013
Tank Owner City:	EASTMAN
Confirmed Date:	05/22/2012
Release Date:	05/17/2012
EID:	82820591
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	ENQ
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	MYRTLE BEACH SPEEDWAY
Local Fac First Name:	Not reported
User Name:	SHRADEAA
Cleanup Initiated Date:	05/22/2012
Prefix:	P
Total Score:	0

LUST:

Release Date:	05/17/2012
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.799
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	05/22/2012
RP Name:	L WENDELL BEARDEN DBA BEARDEN OIL COMPANY
RP Address:	PO BOX 1059
RP City:	EASTMAN
RP State:	GA
RP Zip:	31023
SCRBCA Class Code:	CLASS5B
Project Manager:	SHRADER, ART A
Release Fin Type Code:	ENQ

UST:

Name:	MYRTLE BEACH SPEEDWAY
Address:	455 HOSPITALITY LN
City:	MYRTLE BEACH
Facility ID:	10872
Permit:	P 10872
Owner:	L WENDELL BEARDEN DBA BEARDEN OIL COMPANY
Owner Address:	PO BOX 1059
Owner City, st, zip:	EASTMAN GA 31023
Owner Phone:	478-374-7706

MYRTLE BEACH SPEEDWAY (Continued) **U003558280**

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	0

CV415 **TRUETTS AUTO COLLISION INC** **RCRA-VSQG** **1001489922**
Target **4345 HWY 501** **ECHO** **SCR000074450**
Property **MYRTLE BEACH, SC 29579**

Site 2 of 2 in cluster CV

Actual:
29 ft.

Focus Map:
27

RCRA Listings:

Date Form Received by Agency:	2001-01-23 00:00:00.0
Handler Name:	TRUETTS AUTO COLLISION INC
Handler Address:	4345 HWY 501
Handler City,State,Zip:	MYRTLE BEACH, SC 29579
EPA ID:	SCR000074450
Contact Name:	THOMAS TRUETT
Contact Address:	4345 HWY 501
Contact City,State,Zip:	MYRTLE BEACH, SC 29579
Contact Telephone:	843-236-8924
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501
Mailing City,State,Zip:	MYRTLE BEACH, SC 29579
Owner Name:	THOMAS W TRUETT
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

TRUETTS AUTO COLLISION INC (Continued) **1001489922**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

TRUETTS AUTO COLLISION INC (Continued) **1001489922**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THOMAS W TRUETT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6106 HWY 804
Owner/Operator City,State,Zip:	CONWAY, SC 29527
Owner/Operator Telephone:	843-236-8926
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-22 00:00:00.0
Handler Name:	TRUETTS AUTO COLLISION INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-23 00:00:00.0
Handler Name:	TRUETTS AUTO COLLISION INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TRUETTS AUTO COLLISION INC (Continued) **1001489922**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-01-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

TRUETTS AUTO COLLISION INC (Continued) **1001489922**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ECHO:
Envid: 1001489922
Registry ID: 110002329784
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002329784
Name: TRUETTS AUTO COLLISION INC
Address: 4345 HWY 501
City,State,Zip: MYRTLE BEACH, SC 29579

416
Target
Property
ADDYS HARBOR DODGE & SUZUKI
4340 HWY 501 W
MYRTLE BEACH, SC 29579
RCRA-VSQG **1000168393**
ECHO **SCD981864903**

Actual:
25 ft.
Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	1994-07-01 00:00:00.0
Handler Name:	ADDYS HARBOR DODGE & SUZUKI
Handler Address:	4340 HWY 501 W.
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD981864903
Contact Name:	CHRISTOPHER HAMMOND
Contact Address:	4340 HWY 501 W.
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	803-236-2277
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 2560
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	MICHAEL S ADDY
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

ADDYS HARBOR DODGE & SUZUKI (Continued) **1000168393**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET

ADDYS HARBOR DODGE & SUZUKI (Continued) **1000168393**

Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL S ADDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	502 POINSETTE ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-236-2277
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-07-01 00:00:00.0
Handler Name:	ADDYS HARBOR DODGE & SUZUKI
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

ADDYS HARBOR DODGE & SUZUKI (Continued) **1000168393**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 1991-04-11 00:00:00.0
Actual Return to Compliance Date: 1991-05-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1991-05-20 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SC
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

ADDYS HARBOR DODGE & SUZUKI (Continued) **1000168393**

Evaluation Action Summary:

Evaluation Date:	1992-08-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1991-05-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000168393
Registry ID:	110002330576
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330576
Name:	ADDYS HARBOR DODGE & SUZUKI
Address:	4340 HWY 501 W
City,State,Zip:	MYRTLE BEACH, SC 29579

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417 **APAC ATLANTIC INC MYRTLE BEACH PLT #603** **ECHO** **1016116941**
Target **514 RONALD MCNAIR BLVD** **N/A**
Property **MYRTLE BEACH, SC 29579**

Actual:
29 ft.

Focus Map:
28

ECHO:

Envid:	1016116941
Registry ID:	110008551806
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008551806
Name:	APAC ATLANTIC INC MYRTLE BEACH PLT #603
Address:	514 RONALD MCNAIR BLVD
City,State,Zip:	MYRTLE BEACH, SC 29579

418 Target Property **CAVU INCORPORATED** **105 UPPER MILL DRIVE** **CONWAY, SC 29527** **ECHO** **1005532589** **N/A**

Actual: 5 ft.
Focus Map: 26

ECHO:

Envid:	1005532589
Registry ID:	110002188579
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002188579
Name:	CAVU INCORPORATED
Address:	105 UPPER MILL DRIVE
City,State,Zip:	CONWAY, SC 29527

---

419 Target Property **THOMPKINS C&D DUMP** **HORRY (County), SC** **SWF/LF** **S108237939** **N/A**

Actual: 29 ft.
Focus Map: 28

LF:

Name:	THOMPKINS C&D DUMP
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	Not reported
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	C&D
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	691425.5625
UTM-N:	3734998.5
Contact Name:	Not reported
Contact Phone:	Not reported

---

420 Target Property **GRAND STRAND NISSAN INC** **4070 HWY 501** **MYRTLE BEACH, SC 29577** **RCRA-VSQG** **ECHO** **1000186472** **SCD065044869**

Actual: 24 ft.
Focus Map: 28

RCRA Listings:

Date Form Received by Agency:	1999-01-29 00:00:00.0
Handler Name:	GRAND STRAND NISSAN INC
Handler Address:	4070 HWY 501
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD065044869
Contact Name:	JIM CONNELL
Contact Address:	P O BOX 2187
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-236-2197
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04

GRAND STRAND NISSAN INC (Continued) **1000186472**

Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	P O BOX 2187
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	T J JOHNSON
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

GRAND STRAND NISSAN INC (Continued) **1000186472**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	T J JOHNSON
Legal Status:	Private
Date Became Current:	Not reported

GRAND STRAND NISSAN INC (Continued) **1000186472**

Date Ended Current:	Not reported
Owner/Operator Address:	4070 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-01-29 00:00:00.0
Handler Name:	GRAND STRAND NISSAN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1987-06-29 00:00:00.0
Actual Return to Compliance Date:	1988-05-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

GRAND STRAND NISSAN INC (Continued) **1000186472**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1997-01-22 00:00:00.0
Actual Return to Compliance Date:	1997-03-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1997-03-05 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1997-02-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCBCH
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1987-06-29 00:00:00.0
Actual Return to Compliance Date:	1988-05-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

GRAND STRAND NISSAN INC (Continued) **1000186472**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

GRAND STRAND NISSAN INC (Continued) **1000186472**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

GRAND STRAND NISSAN INC (Continued) **1000186472**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

GRAND STRAND NISSAN INC (Continued) **1000186472**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1987-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-05-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-01-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1997-03-03 00:00:00.0
Scheduled Compliance Date:	1997-03-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-05-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-03-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

GRAND STRAND NISSAN INC (Continued) **1000186472**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-03-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-09-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000186472
Registry ID:	110002330512
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330512
Name:	GRAND STRAND NISSAN INCORPORATED
Address:	4070 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29579

CW421 **Target** **Property**	**RICK SPARKS ENTERPRISES INC** **3930 HWY 501 WEST** **MYRTLE BEACH, SC 29577**	**RCRA-VSQG**	**1000233835** **SCD059926485**

Site 1 of 2 in cluster CW

Actual:
25 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2001-01-30 00:00:00.0
Handler Name:	RICK SPARKS ENTERPRISES INC
Handler Address:	3930 HWY 501 WEST
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD059926485
Contact Name:	BRIAN MALCOLM
Contact Address:	P O BOX 1007
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-236-2161
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	P O BOX 1007
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	RICK V SPARKS
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICK V SPARKS
Legal Status:	Private
Date Became Current:	Not reported

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1007
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-448-3522
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-01-22 00:00:00.0
Handler Name:	RICK SPARKS ENTERPRISES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-30 00:00:00.0
Handler Name:	RICK SPARKS ENTERPRISES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1991-03-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-03-05 00:00:00.0
Evaluation Responsible Agency:	State

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-03-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-01-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported

RICK SPARKS ENTERPRISES INC (Continued) **1000233835**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CW422	**PANTRY 246**	**LUST**	**U003628797**
Target	**3904 US HWY 501**	**UST**	**N/A**
Property	**MYRTLE BEACH, SC**		

Site 2 of 2 in cluster CW

Actual:
25 ft.
Focus Map:
28

LUST:

Name:	PANTRY 246
Address:	3904 US HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577-9418
Release Number:	1
Facility ID:	05197
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	12/27/2007
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	10/12/2000
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	10/12/2000
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	10/12/2000
Cleanup Complete Date:	12/27/2007
Depth to Ground Water:	5.830
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	10/12/2000
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3AC
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

PANTRY 246 (Continued) **U003628797**

UST:

Name:	PANTRY 246
Address:	3904 US HWY 501
City:	MYRTLE BEACH
Facility ID:	05197
Permit:	R 05197
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5
Name:	PANTRY 246
Address:	3904 US HWY 501
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5
Name:	PANTRY 246
Address:	3904 US HWY 501
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5

423
Target
Property

SHARPSHOOTER IMAGING
8901B BUSINESS 17
MYRTLE BEACH, SC 29572

ECHO **1011924001**
N/A

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1011924001
Registry ID:	110037443362
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037443362
Name:	SHARPSHOOTER IMAGING
Address:	8901B BUSINESS 17
City,State,Zip:	MYRTLE BEACH, SC 29572

424 **FAMILY DOLLAR 8335** **ECHO** **1018160368**
Target **3511 BELLE TERRE BLVD** **SCR000781427**
Property **MYRTLE BEACH, SC 29579**

Actual:
25 ft.
Focus Map:
28

ECHO:

Envid:	1018160368
Registry ID:	110066986809
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110066986809
Name:	FAMILY DOLLAR 8335
Address:	3511 BELLE TERRE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29579

CX425 **CVS PHARMACY 1140** **ECHO** **1016006755**
Target **101 FETLOCK DR** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 2 in cluster CX

Actual:
20 ft.
Focus Map:
26

ECHO:

Envid:	1016006755
Registry ID:	110045990200
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045990200
Name:	CVS PHARMACY 1140
Address:	101 FETLOCK DR
City,State,Zip:	MYRTLE BEACH, SC 29588

CX426 **CVS PHARMACY 1140** **RCRA-VSQG** **1014961228**
Target **101 FETLOCK DR** **SCR000774315**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 2 in cluster CX

Actual:
20 ft.
Focus Map:
26

RCRA Listings:

Date Form Received by Agency:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Handler Address:	101 FETLOCK DR
Handler City,State,Zip:	MYRTLE BEACH, SC 29588-9042
EPA ID:	SCR000774315
Contact Name:	NICOLE WILKINSON
Contact Address:	ONE CVS DR
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	CVS PHARMACY INC
Owner Type:	Private

CVS PHARMACY 1140 (Continued) **1014961228**

Operator Name:	SC CVS PHARMACY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-15 11:17:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

CVS PHARMACY 1140 (Continued) **1014961228**

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D023
Waste Description: O-CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

CVS PHARMACY 1140 (Continued) **1014961228**

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P012
Waste Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Waste Code:	P042
Waste Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	P081
Waste Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Waste Code:	P188
Waste Description:	BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U059
Waste Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

CVS PHARMACY 1140 (Continued) **1014961228**

Waste Code: U070
Waste Description: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U204
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206
Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U279
Waste Description: U279

CVS PHARMACY 1140 (Continued) **1014961228**

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 49-50 MYRTLE BACH LLC KM MYRTLE BACH LLC
Legal Status: Private
Date Became Current: 2014-02-20 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 98 CUTTER MILL RD
Owner/Operator City,State,Zip: GRAT NEACK, NY 11021
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported

CVS PHARMACY 1140 (Continued) **1014961228**

Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC

CVS PHARMACY 1140 (Continued) **1014961228**

Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	2014-02-20 00:00:00.
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CVS PHARMACY 1140 (Continued) **1014961228**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2012-05-07 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No

CVS PHARMACY 1140 (Continued) **1014961228**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-31 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-20 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 1140
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

CVS PHARMACY 1140 (Continued) **1014961228**

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-10-15 00:00:00.0
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2018-11-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2018-10-15 00:00:00.0
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2018-11-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

CVS PHARMACY 1140 (Continued) **1014961228**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 2018-10-15 00:00:00.0
Actual Return to Compliance Date: 2018-11-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2018-11-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CVS PHARMACY 1140 (Continued) **1014961228**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined:	2018-10-15 00:00:00.0
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2018-11-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2018-10-15 00:00:00.0
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2018-11-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

CVS PHARMACY 1140 (Continued) **1014961228**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-10-15 00:00:00.0
Actual Return to Compliance Date: 2018-11-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 2018-11-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CVS PHARMACY 1140 (Continued) **1014961228**

Evaluation Action Summary:

Evaluation Date:	2018-10-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-10-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-10-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-10-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-10-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

CVS PHARMACY 1140 (Continued) **1014961228**

Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-10-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-11-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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427 **A O HARDEE & SONS** **SWF/LF** **S108237931**
Target **N/A**
Property **HORRY (County), SC**

Actual:
29 ft.

Focus Map:
26

LF:

Name:	A O HARDEE & SONS
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	262626-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	683957.375
UTM-N:	3733854
Contact Name:	Not reported
Contact Phone:	Not reported

CY428 Target Property **CIRCLE K 2723064**
3710 WACCAMAW BLVD
MYRTLE BEACH, SC 29579

GWCI **U003628606**
N/A

Site 1 of 2 in cluster CY

Actual:
19 ft.
Focus Map:
28

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05104
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05104. RBCA Classification 3AC8. Awaiting Funding.

CY429 Target Property **CIRCLE K 2723064**
3710 WACCAMAW BLVD
MYRTLE BEACH, SC

LUST **U004291441**
UST **N/A**

Site 2 of 2 in cluster CY

Actual:
19 ft.
Focus Map:
28

LUST:

Name:	CIRCLE K 2723064
Address:	3710 WACCAMAW BLVD
City,State,Zip:	MYRTLE BEACH, SC 29579-9463
Release Number:	1
Facility ID:	05104
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported

CIRCLE K 2723064 (Continued) **U004291441**

Tank Owner First name:	Not reported
NFA Date:	05/14/2010
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/30/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	09/17/1990
Prefix:	Not reported
Total Score:	6

LUST:

Release Date:	12/30/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	8.929
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	09/17/1990
RP Name:	WOOD
RP Address:	PO BOX 2427
RP City:	FAYETTEVILLE
RP State:	NC
RP Zip:	28302-2427
SCRBCA Class Code:	CLASS3AC
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CIRCLE K 2723064
Address:	3710 WACCAMAW BLVD
City:	MYRTLE BEACH
Facility ID:	05104
Permit:	R 05104
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	CIRCLE K 2723064
Address:	3710 WACCAMAW BLVD
City:	MYRTLE BEACH

Tank ID:	2

CIRCLE K 2723064 (Continued) **U004291441**

Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5
Name:	CIRCLE K 2723064
Address:	3710 WACCAMAW BLVD
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5
Name:	CIRCLE K 2723064
Address:	3710 WACCAMAW BLVD
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5

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430 **FORESTBROOK GROCERY** **EDR Hist Auto** **1020259311**
Target **700 FORESTBROOK RD** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
15 ft.

Focus Map:
28

Year:	Name:	Type:
1987	FORESTBROOK GROCERY	Grocery Stores
1988	FORESTBROOK GROCERY	Grocery Stores
1989	FORESTBROOK GROCERY	Convenience Stores
1990	FORESTBROOK GROCERY	Convenience Stores

CZ431 **SOCASTEE MINI MART** **EDR Hist Auto** **1020144264**
Target **8545 HIGHWAY 544** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster CZ

Actual:
23 ft.

EDR Hist Auto

Focus Map:
26

Year:	Name:	Type:
1993	SOCASTEE MINI MART	Convenience Stores
1994	SOCASTEE MINI MART	Convenience Stores
1995	SOCASTEE MINI MART	Convenience Stores
1996	SOCASTEE MINI MART	Convenience Stores

CZ432 **EASY STOP GROCERY** **LUST** **U004017476**
Target **8545 HWY 544** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster CZ

Actual:
23 ft.

Focus Map:
26

LUST:

Name:	EASY STOP GROCERY
Address:	8545 HWY 544
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	1
Facility ID:	13180
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	ELIADERANI ENTERPRISES IN12/23/91
Tank Owner Last Name:	ELIADERANI ENTERPRISES INC
Tank Owner First name:	Not reported
NFA Date:	12/22/1992
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/23/1992
Release Date:	Not reported
EID:	1774278
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	EASY STOP GROCERY
Local Fac First Name:	Not reported
User Name:	WILSONKA
Cleanup Initiated Date:	03/23/1992
Prefix:	R
Total Score:	Not reported

Name:	EASY STOP GROCERY
Address:	8545 HWY 544
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	2
Facility ID:	13180
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	ELIADERANI ENTERPRISES IN10/04/19
Tank Owner Last Name:	ELIADERANI ENTERPRISES INC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/23/1992
Release Date:	Not reported
EID:	1774278
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	EASY STOP GROCERY
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	10/25/2019
Prefix:	R

EASY STOP GROCERY (Continued) **U004017476**

Total Score: 1

UST:

Name:	EASY STOP GROCERY
Address:	8545 HWY 544
City:	MYRTLE BEACH
Facility ID:	13180
Permit:	R 13180
Owner:	ELIADERANI ENTERPRISES INC
Owner Address:	8545 HWY 544
Owner City, st, zip:	MYRTLE BEACH SC 29577-9220
Owner Phone:	843-340-0091
Tank ID:	1
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	10
Name:	EASY STOP GROCERY
Address:	8545 HWY 544
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Plus
Calcage:	10
Name:	EASY STOP GROCERY
Address:	8545 HWY 544
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline Super/Prem
Calcage:	10
Name:	EASY STOP GROCERY
Address:	8545 HWY 544
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Currently in Use**
Capacity:	4000
Product:	Diesel fuel
Calcage:	10
Name:	EASY STOP GROCERY
Address:	8545 HWY 544
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	1000
Product:	Kerosene

EASY STOP GROCERY (Continued) **U004017476**

Calcage: 10

Name: EASY STOP GROCERY
Address: 8545 HWY 544
City: MYRTLE BEACH

Tank ID: 6
Status: **Currently in Use**
Capacity: 1000
Product: Kerosene
Calcage: 10

---

433 **SUNCO POOL CO INC** **ECHO** **1012005575**
Target **116 APRIL GRAY LN** **N/A**
Property **MYRTLE BEACH, SC 29579**

Actual:
19 ft.
Focus Map:
28

ECHO:
Envid: 1012005575
Registry ID: 110038279742
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110038279742
Name: SUNCO POOL CO INC
Address: 116 APRIL GRAY LN
City,State,Zip: MYRTLE BEACH, SC 29579

---

434 **BP VENTURES LLC** **EDR Hist Auto** **1021868290**
Target **617 WATERWAY VILLAGE BLVD** **N/A**
Property **MYRTLE BEACH, SC 29579**

EDR Hist Auto

Actual:
31 ft.
Focus Map:
28

Year:	Name:	Type:
2008	BP VENTURES LLC	Gasoline Service Stations, NEC
2009	BP VENTURES LLC	Gasoline Service Stations, NEC
2010	BP VENTURES LLC	Gasoline Service Stations, NEC

---

435 **LAPELS DRY CLEANING** **EDR Hist Cleaner** **1018418943**
Target **492 RIVER OAKS DR** **N/A**
Property **MYRTLE BEACH, SC 29579**

EDR Hist Cleaner

Actual:
19 ft.
Focus Map:
28

Year:	Name:	Type:
2009	LAPELS DRY CLEANING	Laundry And Drycleaner Agents
2010	LAPELS DRY CLEANING	Laundry And Drycleaner Agents
2011	LAPELS DRY CLEANING	Laundry And Drycleaner Agents
2012	LAPELS DRY CLEANING	Laundry And Drycleaner Agents
2013	LAPELS DRY CLEANING	Laundry And Drycleaner Agents

DA436 **NEXT MEDIA OUTDOOR** **RCRA-VSQG** **1000835347**
Target **208 BUSH DR** **ECHO** **SCD987591435**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster DA

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2008-04-23 00:00:00.0
Handler Name:	NEXT MEDIA OUTDOOR
Handler Address:	208 BUSH DR
Handler City,State,Zip:	MYRTLE BEACH, SC 29577-3087
EPA ID:	SCD987591435
Contact Name:	BOBBY HOLT
Contact Address:	PO BOX 3087
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-236-1993
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	BUSH DR
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577-3087
Owner Name:	ELLER MEDIA CO
Owner Type:	Private
Operator Name:	ELLER MEDIA CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

NEXT MEDIA OUTDOOR (Continued) **1000835347**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner

NEXT MEDIA OUTDOOR (Continued) **1000835347**

Owner/Operator Name:	ELLER MEDIA CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2850 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AR 85016
Owner/Operator Telephone:	602-957-8116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELLER MEDIA CO
Legal Status:	Private
Date Became Current:	2008-04-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2850 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AR 85016
Owner/Operator Telephone:	602-957-8116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELLER MEDIA CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2850 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AR 85016
Owner/Operator Telephone:	602-957-8116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELLER MEDIA CO
Legal Status:	Private
Date Became Current:	1994-04-21 00:00:00.
Date Ended Current:	2008-03-24 00:00:00.
Owner/Operator Address:	2850 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AR 85016
Owner/Operator Telephone:	602-957-8116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELLER MEDIA CO
Legal Status:	Private
Date Became Current:	2008-04-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2850 E CAMELBACK RD
Owner/Operator City,State,Zip:	PHOENIX, AR 85016
Owner/Operator Telephone:	602-957-8116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NEXT MEDIA OUTDOOR (Continued) **1000835347**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEXT MEDIA GROUP INC
Legal Status:	Private
Date Became Current:	2008-03-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6312 S FIDDLER'S GREEN CIRCLE
Owner/Operator City,State,Zip:	ENGLEWOOD, CO 80111
Owner/Operator Telephone:	303-694-9118
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-02-03 00:00:00.0
Handler Name:	ELLER MEDIA CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-04-23 00:00:00.0
Handler Name:	NEXT MEDIA OUTDOOR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-03-24 00:00:00.0
Handler Name:	NEXT MEDIA OUTDOOR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11111

NEXT MEDIA OUTDOOR (Continued) **1000835347**

NAICS Description: SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

NEXT MEDIA OUTDOOR (Continued) **1000835347**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

NEXT MEDIA OUTDOOR (Continued) **1000835347**

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 2002-02-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2000-05-24 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-02-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ECHO:

Envid: 1000835347
Registry ID: 110002237231
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002237231
Name: ELLER MEDIA CO
Address: 208 BUSH DR
City,State,Zip: MYRTLE BEACH, SC 29579

DA437 **GOLDEN STRAND BODY SHOP** **ECHO** **1000186474**
Target **212 BUSH DRIVE WACCAMAW PK** **SCD982086480**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster DA

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1000186474
Registry ID:	110004939826
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004939826
Name:	GOLDEN STRAND BODY SHOP
Address:	212 BUSH DRIVE WACCAMAW PK
City,State,Zip:	MYRTLE BEACH, SC 29579

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438 **COASTAL PETRO LLC** **UST** **U004023081**
Target **595 BURCALE RD** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.

Focus Map:
28

UST:

Name:	COASTAL PETRO LLC
Address:	595 BURCALE RD
City:	MYRTLE BEACH
Facility ID:	19198
Permit:	P 19198
Owner:	PATEL, RUPAL
Owner Address:	1478 RICELAND CT
Owner City, st, zip:	MYRTLE BEACH SC 29579
Owner Phone:	843-236-1100

Tank ID:	1
Status:	**Currently in Use**
Capacity:	26000
Product:	Multiple petroleum
Calcage:	0

DB439 **SUN MART LLC** **EDR Hist Auto** **1020800443**
Target **102 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29579**

Site 1 of 2 in cluster DB

Actual:
19 ft.

Focus Map:
28

EDR Hist Auto

Year:	Name:	Type:
1999	SUN MART LLC	Convenience Stores
2000	SUN MART LLC	Convenience Stores
2004	SUN MART LLC	Convenience Stores
2005	SUN MART LLC	Convenience Stores

DB440 **SUNHOUSE PETROLEUM #9** **LUST** **U003628752**
Target **102 GEORGE BISHOP PKY** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 2 of 2 in cluster DB

Actual:
19 ft.

Focus Map:
28

LUST:

Name:	SUNHOUSE PETROLEUM #9
Address:	102 GEORGE BISHOP PKY
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	05169
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	SUNHOUSE PETROLEUM LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/11/2005
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	08/23/2005
Prefix:	Not reported
Total Score:	227

LUST:

Release Date:	02/11/2005
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.54
Ground Water Flow Direction:	RAD
Release Number:	1
Confirmed date:	08/23/2005
RP Name:	SUN MART LLC
RP Address:	920 JACKSON BLUFF RD
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SUNHOUSE PETROLEUM #9
Address:	102 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Facility ID:	05169
Permit:	R 05169
Owner:	SUNHOUSE PETROLEUM LLC
Owner Address:	1270 BURCALE RD

SUNHOUSE PETROLEUM #9 (Continued) **U003628752**

Owner City, st, zip:	MYRTLE BEACH SC 29579-8361
Owner Phone:	843-236-8003
Tank ID:	1
Status:	**Currently in Use**
Capacity:	5000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	SUNHOUSE PETROLEUM #9
Address:	102 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	0
Name:	SUNHOUSE PETROLEUM #9
Address:	102 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	0
Name:	SUNHOUSE PETROLEUM #9
Address:	102 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	0
Name:	SUNHOUSE PETROLEUM #9
Address:	102 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	4000
Product:	Diesel fuel
Calcage:	0
Name:	SUNHOUSE PETROLEUM #9
Address:	102 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Tank ID:	6
Status:	**Currently in Use**
Capacity:	4000
Product:	Diesel fuel

SUNHOUSE PETROLEUM #9 (Continued) **U003628752**

Calcage: 0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05169
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05169. RBCA Classification 3BF6. Contacted.

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441 **CAROLINA ASSEMBLIES INCORPORATED MYRTLE BEACH** **ECHO** **1016120435**
Target **311 WESLEY ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1016120435
Registry ID:	110002248130
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248130
Name:	CAROLINA ASSEMBLIES INCORPORATED MYRTLE BEACH
Address:	311 WESLEY ST
City,State,Zip:	MYRTLE BEACH, SC 29577

442 **COASTAL PAPER CO INC** **ECHO** **1007256010**
Target **182 SPENCER ST** **N/A**
Property **MYRTLE BEACH, SC 29579**

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1007256010
Registry ID:	110017289236
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017289236
Name:	COASTAL PAPER CO INC
Address:	182 SPENCER ST
City,State,Zip:	MYRTLE BEACH, SC 29579

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443 **FORESTBROOK REMOTE SITE** **LUST** **U003521350**
Target **BURCALE RD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.

Focus Map:
28

LUST:

Name:	FORESTBROOK REMOTE SITE
Address:	BURCALE RD
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	10156
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HORRY TELEPHONE COOPER09/21/93
Tank Owner Last Name:	HORRY TELEPHONE COOPERATIVE INC
Tank Owner First name:	Not reported
NFA Date:	06/28/1995
Tank Owner City:	CONWAY
Confirmed Date:	06/28/1995
Release Date:	Not reported
EID:	1757703
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	FORESTBROOK REMOTE SITE
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	06/28/1995
Prefix:	P
Total Score:	Not reported

UST:

Name:	FORESTBROOK REMOTE SITE
Address:	BURCALE RD
City:	MYRTLE BEACH
Facility ID:	10156
Permit:	P 10156
Owner:	HORRY TELEPHONE COOPERATIVE INC
Owner Address:	3480 HWY 701 N
Owner City, st, zip:	CONWAY SC 29527
Owner Phone:	843-365-2151

Tank ID:	1
Status:	**Abandoned**
Capacity:	550
Product:	Diesel fuel

FORESTBROOK REMOTE SITE (Continued) **U003521350**

Calcage: Not reported

---

444 **SUN GRAPHICS INC** **ECHO** **1000966960**
Target **340 WESLEY ST** **SC0000445197**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.
Focus Map:
28

ECHO:

Envid:	1000966960
Registry ID:	110002247907
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247907
Name:	SUN GRAPHICS INCORPORATED
Address:	340 WESLEY ST
City,State,Zip:	MYRTLE BEACH, SC 29577

---

445 **EASYRIDERS OF MYRTLE BEACH INC** **ECHO** **1004781043**
Target **4019 HWY 501** **SCR000006684**
Property **MYRTLE BEACH, SC 29579**

Actual:
19 ft.
Focus Map:
28

ECHO:

Envid:	1004781043
Registry ID:	110002329917
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002329917
Name:	EASYRIDERS OF MYRTLE BEACH INCORPORATED
Address:	4019 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29579

DC446 **200 GEORGE BISHOP PKWY** **HMIRS** **2016015529**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC447 **200 GEORGE BISHOP PKWY** **HMIRS** **2016004231**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC448 Target Property	**200 GEORGE BISHOP PKWY 200 GEORGE BISHOP PKWY MYRTLE BEACH, SC 29577**	**HMIRS**	**2016002326 N/A**

Site 3 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC449 Target Property	**200 GEORGE BISHOP PKWY 200 GEORGE BISHOP PKWY MYRTLE BEACH, SC 29577**	**HMIRS**	**2010110356 N/A**

Site 4 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC450 Target Property	**UPS MYRTLE BEACH 200 GEORGE BISHOP PKY MYRTLE BEACH, SC**	**UST**	**U004254132 N/A**

Site 5 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

UST:

Name:	UPS MYRTLE BEACH
Address:	200 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Facility ID:	13786
Permit:	P 13786
Owner:	UPS W COLUMBIA
Owner Address:	148 ABERDEEN DR
Owner City, st, zip:	FLORENCE SC 29501
Owner Phone:	803-939-4030
Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	0

DC451 Target Property	**UPS MYRTLE BEACH 200 GEORGE BISHOP PKY MYRTLE BEACH, SC**	**LUST UST**	**U004253416 N/A**

Site 6 of 22 in cluster DC

Actual:
19 ft.

Focus Map:
28

LUST:

Name:	UPS MYRTLE BEACH
Address:	200 GEORGE BISHOP PKY
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	10613
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	UPS ATLANTA PERIM CTR
Tank Owner Last Name:	UPS ATLANTA PERIM CTR
Tank Owner First name:	Not reported
NFA Date:	09/02/2003
Tank Owner City:	ATLANTA
Confirmed Date:	01/16/1996
Release Date:	08/06/1991
EID:	1760520
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BE
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	UPS MYRTLE BEACH
Local Fac First Name:	Not reported
User Name:	PADGETJP
Cleanup Initiated Date:	01/16/1996
Prefix:	P
Total Score:	1

LUST:

Release Date:	08/06/1991
Cleanup Complete Date:	08/18/2003
Depth to Ground Water:	6
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	01/16/1996
RP Name:	UPS ATLANTA PERIM CTR
RP Address:	400 PERIMETER CNTR TER NE 300
RP City:	ATLANTA
RP State:	GA
RP Zip:	30346-1230
SCRBCA Class Code:	CLASS3BE
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	WS

UST:

Name:	UPS MYRTLE BEACH
Address:	200 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Facility ID:	10613
Permit:	P 10613
Owner:	UPS ATLANTA PERIM CTR
Owner Address:	400 PERIMETER CNTR TER NE 300

UPS MYRTLE BEACH (Continued) **U004253416**

Owner City, st, zip:	ATLANTA GA 30346-1230
Owner Phone:	803-796-0717
Tank ID:	1
Status:	**Abandoned**
Capacity:	550
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

DC452 **HMIRS** **2001030659**
Target **200 GEORGE BISHOP BLVD** **N/A**
Property **MYRTLE BEACH, SC**

Site 7 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC453 **HMIRS** **2014001426**
Target **N/A**
Property **NEWARK, NJ 07105**

Site 8 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC454 **200 GEORGE BISHOP PKWY** **HMIRS** **2015002790**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 9 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC455 **200 GEORGE BISHOP PKWY** **HMIRS** **2016001981**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 10 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC456 **200 GEORGE BISHOP PKWY** **HMIRS** **2014019509**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 11 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC457 **200 GEORGE BISHOP PKWY** **HMIRS** **2019009335**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 12 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC458 **UNITED PARCEL SERVICE** **RCRA-VSQG** **1000398590**
Target **200 GEORGE BISHOP PARKWAY** **ECHO** **SCD980847792**
Property **MYRTLE BEACH, SC 29579**

Site 13 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2002-04-15 00:00:00.0
Handler Name:	UNITED PARCEL SERVICE MYRTLE BEACH
Handler Address:	200 GEORGE BISHOP PKWY
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD980847792
Contact Name:	BART SNEAD
Contact Address:	124 CREEKSIDE RD
Contact City,State,Zip:	WEST COLUMBIA, SC 29172
Contact Telephone:	803-822-6364

UNITED PARCEL SERVICE (Continued) **1000398590**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	CREEKSIDE RD
Mailing City,State,Zip:	WEST COLUMBIA, SC 29172
Owner Name:	UNITED PARCEL SERVICE INC
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

UNITED PARCEL SERVICE (Continued) **1000398590**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	55 GLENLAKE PKWY NE
Owner/Operator City,State,Zip:	ATLANTA, GA 30328
Owner/Operator Telephone:	404-828-6064
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-11-02 00:00:00.0
Handler Name:	UNITED PARCEL SERVICE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

UNITED PARCEL SERVICE (Continued) **1000398590**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-04-15 00:00:00.0
Handler Name:	UNITED PARCEL SERVICE MYRTLE BEACH
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

UNITED PARCEL SERVICE (Continued) **1000398590**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1988-12-07 00:00:00.0
Actual Return to Compliance Date: 1989-03-31 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1988-12-07 00:00:00.0
Actual Return to Compliance Date: 1989-03-31 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

UNITED PARCEL SERVICE (Continued) **1000398590**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1988-12-07 00:00:00.0
Actual Return to Compliance Date:	1989-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

UNITED PARCEL SERVICE (Continued) **1000398590**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-09-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1988-12-07 00:00:00.0

UNITED PARCEL SERVICE (Continued) **1000398590**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-12-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-12-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1000398590
Registry ID:	110013197824
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013197824
Name:	UNITED PARCEL SERVICE

UNITED PARCEL SERVICE (Continued) **1000398590**

Address: 200 GEORGE BISHOP PARKWAY
City,State,Zip: MYRTLE BEACH, SC 29579

DC459
Target
Property

200 GEORGE BISHOP PKWY
200 GEORGE BISHOP PKWY
MYRTLE BEACH, SC 29577

HMIRS **2019013782**
N/A

Site 14 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC460
Target
Property

200 GEORGE BISHOP PKWY
200 GEORGE BISHOP PKWY
MYRTLE BEACH, SC 29577

HMIRS **2019013852**
N/A

Site 15 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC461
Target
Property

UNKNOWN
UNKNOWN
NORTH JACKSON, OH 44451

HMIRS **2019002731**
N/A

Site 16 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC462 **200 GEORGE BISHOP PKWY** **HMIRS** **2017000724**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 17 of 22 in cluster DC

Actual:
19 ft.

Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC463 **UPS MYRTLE BEACH** **UST** **U004256042**
Target **200 GEORGE BISHOP PKY** **N/A**
Property **MYRTLE BEACH, SC**

Site 18 of 22 in cluster DC

Actual:
19 ft.

Focus Map:
28

UST:

Name:	UPS MYRTLE BEACH
Address:	200 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Facility ID:	04902
Permit:	N 04902
Owner:	SOCOL REALTY CO
Owner Address:	51 WEAVER ST OP5
Owner City, st, zip:	GREENWICH CT 06831-5119
Owner Phone:	203-290-6054
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10
Name:	UPS MYRTLE BEACH
Address:	200 GEORGE BISHOP PKY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	500
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

DC464 **200 GEORGE BISHOP PKWY** **HMIRS** **2014019755**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 19 of 22 in cluster DC

Actual:
19 ft.

Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

DC465 **200 GEORGE BISHOP PKWY** **HMIRS** **2020003774**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 20 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC466 **200 GEORGE BISHOP PKWY** **HMIRS** **2017010432**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 21 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DC467 **200 GEORGE BISHOP PKWY** **HMIRS** **2018016201**
Target **200 GEORGE BISHOP PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 22 of 22 in cluster DC

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DD468 **FORESTBROOK GROCERY** **EDR Hist Auto** **1020318574**
Target **1272 FORESTBROOK RD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster DD

Actual:
15 ft.
Focus Map:
27

EDR Hist Auto

Year:	Name:	Type:
1991	FORESTBROOK GROCERY	Convenience Stores
1992	FORESTBROOK GROCERY	Convenience Stores
1993	FORESTBROOK GROCERY	Convenience Stores
1994	FORESTBROOK GROCERY	Convenience Stores
1995	FORESTBROOK GROCERY	Convenience Stores
1996	FORESTBROOK GROCERY	Convenience Stores
1997	PATEL SANJAY	Convenience Stores

FORESTBROOK GROCERY (Continued) **1020318574**

1998	PATEL SANJAY	Convenience Stores
1999	PATEL SANJAY	Convenience Stores
2000	PATEL SANJAY	Convenience Stores
2001	PATEL SANJAY	Convenience Stores
2002	FORESTBROOK GROCERY	Convenience Stores
2003	FORESTBROOK GROCERY	Convenience Stores
2004	FORESTBROOK GROCERY	Convenience Stores
2005	FORESTBROOK GROCERY	Convenience Stores
2006	FORESTBROOK GROCERY	Convenience Stores
2007	FORESTBROOK GROCERY	Convenience Stores
2008	FORESTBROOK GROCERY	Convenience Stores
2009	FORESTBROOK GROCERY	Convenience Stores
2010	FORESTBROOK GROCERY	Convenience Stores
2011	FORESTBROOK GROCERY	Convenience Stores
2012	FORESTBROOK GROCERY	Convenience Stores
2013	FORESTBROOK GROCERY	Convenience Stores
2014	FORESTBROOK GROCERY	Convenience Stores

DD469 **FORESTBROOK GROCERY** **LUST** **U003629839**
Target **1272 FORESTBROOK RD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster DD

Actual:
15 ft.
Focus Map:
27

LUST:

Name:	FORESTBROOK GROCERY
Address:	1272 FORESTBROOK RD
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	17398
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	SANJAY & ULKA PATEL
Tank Owner Last Name:	SANJAY & ULKA PATEL
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/04/2014
Release Date:	01/21/2014
EID:	99684764
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	CNQ
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	FORESTBROOK GROCERY
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	03/04/2014
Prefix:	R
Total Score:	1

UST:

Name:	FORESTBROOK GROCERY
Address:	1272 FORESTBROOK RD
City:	MYRTLE BEACH
Facility ID:	17398

FORESTBROOK GROCERY (Continued) **U003629839**

Permit:	R 17398
Owner:	SANJAY & ULKA PATEL
Owner Address:	2521 HUNTERS TRAIL
Owner City, st, zip:	MYRTLE BEACH SC 29588
Owner Phone:	843-236-4849
Tank ID:	1
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	10
Name:	FORESTBROOK GROCERY
Address:	1272 FORESTBROOK RD
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Extended Out-of-Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	10

---

470 **WACCAMAW PAINT & BODY SHOP, INC.** **ECHO** **1000449135**
Target **150 WESLEY STREET** **SCD987572385**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1000449135
Registry ID:	110002193698
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193698
Name:	WACCAMAW PAINT & BODY SHOP INCORPORATED
Address:	150 WESLEY ST
City,State,Zip:	MYRTLE BEACH, SC 29577

---

471 **VILLAGE CREEK MOBILE HOME** **EDR Hist Auto** **1020684385**
Target **800 BURCALE RD** **N/A**
Property **MYRTLE BEACH, SC 29579**

Actual:
19 ft.

Focus Map:
28

EDR Hist Auto

Year:	Name:	Type:
2002	VILLAGE CREEK MOBILE HOME	Gasoline Service Stations
2003	VILLAGE CREEK MOBILE HOME	Gasoline Service Stations

472	**CLEAN AIR INC**	**RCRA-VSQG**	**1004780870**
Target	**319 BUSH DR**	**ECHO**	**SCR000001636**
Property	**MYRTLE BEACH, SC 29577**		

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	1995-10-05 00:00:00.0
Handler Name:	CLEAN AIR INC
Handler Address:	319 BUSH DR
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000001636
Contact Name:	CLEL ELDRIDGE LEE II
Contact Address:	PO BOX 954
Contact City,State,Zip:	MT PLEASANT, SC 29464
Contact Telephone:	803-293-3324
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 954
Mailing City,State,Zip:	MT PLEASANT, SC 29464
Owner Name:	CLEL ELDRIDGE LEE SR & JR
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

CLEAN AIR INC (Continued) **1004780870**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CLEL ELDRIDGE LEE SR & JR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 954
Owner/Operator City,State,Zip:	MT PLEASANT, SC 29464
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-10-05 00:00:00.0
Handler Name:	CLEAN AIR INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

CLEAN AIR INC (Continued) **1004780870**

Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004780870
Registry ID:	110002248158
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248158
Name:	CLEAN AIR INCORPORATED
Address:	319 BUSH DR
City,State,Zip:	MYRTLE BEACH, SC 29579

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473 **STARWOOD INC** **UST** **U003525609**
Target **326 BUSH DR** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.

Focus Map:
28

UST:

Name:	STARWOOD INC
Address:	326 BUSH DR
City:	MYRTLE BEACH
Facility ID:	11582
Permit:	N 11582
Owner:	STARWOOD INC
Owner Address:	326 BUSH DR
Owner City, st, zip:	MYRTLE BEACH SC 29577-7314
Owner Phone:	803-236-4000
Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Gasoline
Calcage:	Not reported
Name:	STARWOOD INC
Address:	326 BUSH DR
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	500
Product:	Gasoline
Calcage:	Not reported

474 **RICK SPARTKS ENTERPRISES INCORPORATED** **ECHO** **1005816315**
Target **3509 HIGHWAY 501 WEST** **N/A**
Property **MYRTLE BEACH, SC 29579**

Actual:
31 ft.
Focus Map:
28

ECHO:

Envid:	1005816315
Registry ID:	110002330335
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330335
Name:	RICK SPARTKS ENTERPRISES INCORPORATED
Address:	3509 HIGHWAY 501 WEST
City,State,Zip:	MYRTLE BEACH, SC 29579

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475 **WACCAMAW CLAY PRODUCTS** **RCRA-VSQG** **1004780774**
Target **3000 WACCAMAW BLVD** **ECHO** **SCD987597671**
Property **MYRTLE BEACH, SC 29579**

Actual:
21 ft.
Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2007-07-02 00:00:00.0
Handler Name:	WACCAMAW CLAY PRODUCTS CO INC
Handler Address:	3000 WACCAMAW BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD987597671
Contact Name:	EDSEL DEVILLE
Contact Address:	3000 WACCAMAW BLVD
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	803-236-2121
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 50490
Mailing City,State,Zip:	MYRTLE BEACH, SC 29579
Owner Name:	WACCAMAW CLAY PRODUCTS CO INC
Owner Type:	Private
Operator Name:	WACCAMAW CLAY PRODUCTS CO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

WACCAMAW CLAY PRODUCTS (Continued) **1004780774**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WACCAMAW CLAY PRODUCTS CO INC
Legal Status:	Private
Date Became Current:	Not reported

WACCAMAW CLAY PRODUCTS (Continued) **1004780774**

Date Ended Current:	Not reported
Owner/Operator Address:	3000 WACCAMAW BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-236-6106
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WACCAMAW CLAY PRODUCTS CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3000 WACCAMAW BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-236-6106
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WACCAMAW CLAY PRODUCTS CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3000 WACCAMAW BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-236-6106
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-06-07 00:00:00.0
Handler Name:	WACCAMAW CLAY PRODUCTS CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	WACCAMAW CLAY PRODUCTS CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

WACCAMAW CLAY PRODUCTS (Continued) **1004780774**

Electronic Manifest Broker:	Not reported
Receive Date:	2007-07-02 00:00:00.0
Handler Name:	WACCAMAW CLAY PRODUCTS CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004780774
Registry ID:	110002180149
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002180149
Name:	WACCAMAW CLAY PRODUCTS
Address:	3000 WACCAMAW BLVD
City,State,Zip:	MYRTLE BEACH, SC 29579

476
Target
Property

ADAMS GULF SERVICE STATION
131 BROOKGATE DR
MYRTLE BEACH, SC 29577

EDR Hist Auto **1021110078**
N/A

EDR Hist Auto

Actual:
15 ft.

Focus Map:
27

Year:	Name:	Type:
1991	ADAMS GULF SERVICE STATION	Gasoline Service Stations, NEC
1992	ADAMS GULF SERVICE STATION	Gasoline Service Stations, NEC
1993	ADAMS GULF SERVICE STATION	Gasoline Service Stations, NEC

477 **Target** **Property**	**WACCAMAW CONVENIENCE MART** **311 GEORGE J BISHOP PKY** **MYRTLE BEACH, SC**	**LUST** **UST**	**U003526446** **N/A**

Actual:
19 ft.

Focus Map:
28

LUST:

Name:	WACCAMAW CONVENIENCE MART
Address:	311 GEORGE J BISHOP PKY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	10488
Release Status Number:	4
Substance:	PETRO
Tank Owner Company Name:	WACCAMAW CONVENIENCE
Tank Owner Last Name:	WACCAMAW CONVENIENCE MART INC
Tank Owner First name:	Not reported
NFA Date:	12/07/2004
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	08/28/1997
Release Date:	08/21/1997
EID:	1759585
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BE
Release Fin Type Code:	WOC
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	WACCAMAW CONVENIENCE MART
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	08/28/1997
Prefix:	P
Total Score:	1

LUST:

Release Date:	08/21/1997
Cleanup Complete Date:	11/04/2004
Depth to Ground Water:	8
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	08/28/1997
RP Name:	WACCAMAW CONVENIENCE MART INC
RP Address:	3200 POTTERY DR STE B
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BE
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WOC

UST:

Name:	WACCAMAW CONVENIENCE MART
Address:	311 GEORGE J BISHOP PKY
City:	MYRTLE BEACH
Facility ID:	10488
Permit:	P 10488
Owner:	WACCAMAW CONVENIENCE MART INC
Owner Address:	3200 POTTERY DR STE B
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-236-9245

WACCAMAW CONVENIENCE MART (Continued) **U003526446**

Tank ID: 1
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: Not reported

Name: WACCAMAW CONVENIENCE MART
Address: 311 GEORGE J BISHOP PKY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: Not reported

Name: WACCAMAW CONVENIENCE MART
Address: 311 GEORGE J BISHOP PKY
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: Not reported

478
Target
Property

GROUND GUNNERY & RANGE COMPLEX
MYRTLE BEACH, SC

UXO **1024713964**
N/A

Actual:
19 ft.
Focus Map:
28

UXO:
DoD Component: FUDS
Installation Name: MYRTLE BEACH B&G RANGE
Name: GROUND GUNNERY & RANGE COMPLEX
Address: Not reported
Address 2: Not reported
City,State,Zip: MYRTLE BEACH, SC
Site ID: 01OEW
Site Type: Multi Use Range
Latitude: 33.714722
Longitude: -78.933056

479
Target
Property

RIVERWALK INN
101 FANTASY HARBOUR BLVD
MYRTLE BEACH, SC

UST **U003868975**
N/A

Actual:
22 ft.
Focus Map:
28

UST:
Name: RIVERWALK INN
Address: 101 FANTASY HARBOUR BLVD
City: MYRTLE BEACH
Facility ID: 18861
Permit: N 18861
Owner: R L JORDAN OIL COMPANY OF NORTH CAROLINA INC
Owner Address: 1451 FERNWOOD GLENDALE RD
Owner City, st, zip: SPARTANBURG SC 29307-3044
Owner Phone: 800-340-1627

RIVERWALK INN (Continued) **U003868975**

Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Diesel fuel
Calcage:	0

DE480 **TARGET STORE 0963** **RCRA-LQG** **1009218508**
Target **1150 SEABOARD ST** **SCR000767525**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster DE

Actual:
19 ft.

Focus Map:
29

RCRA Listings:

Date Form Received by Agency:	2017-01-01 00:00:00.0
Handler Name:	TARGET STORE 0963
Handler Address:	1150 SEABOARD ST
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000767525
Contact Name:	STEVE MUSSER
Contact Address:	PO BOX 111
Contact City,State,Zip:	MINNEAPOLIS, MN 55440
Contact Telephone:	800-587-2228
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 111
Mailing City,State,Zip:	MINNEAPOLIS, MN 55440
Owner Name:	TARGET CORP
Owner Type:	Private
Operator Name:	TARGET CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

TARGET STORE 0963 (Continued) **1009218508**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-15 11:29:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001

Waste Description: IGNITABLE WASTE

TARGET STORE 0963 (Continued) **1009218508**

Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P012
Waste Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Waste Code:	P042
Waste Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

TARGET STORE 0963 (Continued) **1009218508**

Waste Code:	P046
Waste Description:	ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	P081
Waste Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U075
Waste Description:	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U200
Waste Description:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
Waste Code:	U201
Waste Description:	1,3-BENZENEDIOL (OR) RESORCINOL

TARGET STORE 0963 (Continued) **1009218508**

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: TARGET CORP
Legal Status: Private
Date Became Current: 2006-01-25 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 111
Owner/Operator City,State,Zip: MINNEAPOLIS, MN 55440
Owner/Operator Telephone: 612-304-4417
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TARGET CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TARGET CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TARGET CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 111
Owner/Operator City,State,Zip: MINNEAPOLIS, MN 55440
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TARGET CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported

TARGET STORE 0963 (Continued) **1009218508**

Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2006-01-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	612-304-4417
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP

TARGET STORE 0963 (Continued) **1009218508**

Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2006-01-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	612-304-4417
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2006-01-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	612-304-4417
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TARGET STORE 0963 (Continued) **1009218508**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-01-01 00:00:00.0
Handler Name:	TARGET STORE 0963
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	TARGET STORE 0963
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	TARGET STORE 0963
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TARGET STORE 0963 (Continued) **1009218508**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-01 00:00:00.0
Handler Name:	TARGET STORE 0963
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2006-01-25 00:00:00.0
Handler Name:	TARGET STORE 0963
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-11-03 00:00:00.0
Handler Name:	TARGET STORE 0963
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-30 00:00:00.0
Handler Name:	TARGET STORE 0963
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

TARGET STORE 0963 (Continued) **1009218508**

Electronic Manifest Broker: Not reported

Receive Date: 2015-01-30 00:00:00.0
Handler Name: TARGET STORE 0963
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 452112
NAICS Description: DISCOUNT DEPARTMENT STORES

NAICS Code: 452319
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TARGET STORE 0963 (Continued) **1009218508**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2017-11-01 00:00:00.0
Actual Return to Compliance Date: 2018-02-23 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2018-01-08 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCEDW
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2017-11-01 00:00:00.0
Actual Return to Compliance Date: 2018-02-23 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2018-02-14 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TARGET STORE 0963 (Continued) **1009218508**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCEDW
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2017-11-01 00:00:00.0
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2018-02-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCEDW
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TARGET STORE 0963 (Continued) **1009218508**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2017-11-01 00:00:00.0
Actual Return to Compliance Date: 2018-02-23 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2017-11-08 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TARGET STORE 0963 (Continued) **1009218508**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2017-11-01 00:00:00.0
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2018-02-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCEDW
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TARGET STORE 0963 (Continued) **1009218508**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2017-11-01 00:00:00.0
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2017-11-08 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2017-11-01 00:00:00.0
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2018-02-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TARGET STORE 0963 (Continued) **1009218508**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCEDW
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2017-11-01 00:00:00.0
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2018-01-08 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	SCEDW
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TARGET STORE 0963 (Continued) **1009218508**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-08-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TARGET STORE 0963 (Continued) **1009218508**

Evaluation Date:	2006-04-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM

TARGET STORE 0963 (Continued) **1009218508**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

DE481 **TARGET STORE 0963** **ECHO** **1016028926**
Target **1150 SEABOARD ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster DE

Actual:
19 ft.

Focus Map:
29

ECHO:

Envid:	1016028926
Registry ID:	110044992924
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044992924
Name:	TARGET STORE 0963
Address:	1150 SEABOARD ST
City,State,Zip:	MYRTLE BEACH, SC 29577

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482 **QUALITY COLLISION** **RCRA-VSQG** **1001489902**
Target **905 JASON BLVD** **ECHO** **SCR000004036**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2009-07-20 00:00:00.0
Handler Name:	QUALITY COLLISION
Handler Address:	905 JASON BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000004036
Contact Name:	RHONDA SMITH
Contact Address:	905 JASON BLVD
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-946-6753
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

QUALITY COLLISION (Continued) **1001489902**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	QUALITY COLLISION INC
Owner Type:	Private
Operator Name:	QUALITY COLLISION INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

QUALITY COLLISION (Continued) **1001489902**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	QUALITY COLLISION INC
Legal Status:	Private
Date Became Current:	2009-07-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	905 JASON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-946-6753
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	QUALITY COLLISION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	905 JASON BLVD

QUALITY COLLISION (Continued) **1001489902**

Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-946-6753
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	QUALITY COLLISION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	905 JASON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-946-6753
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-26 00:00:00.0
Handler Name:	QUALITY COLLISION
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-07-20 00:00:00.0
Handler Name:	QUALITY COLLISION
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

QUALITY COLLISION (Continued) **1001489902**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1999-07-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ECHO:
Envid: 1001489902
Registry ID: 110002193803
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002193803
Name: QUALITY COLLISION
Address: 905 JASON BLVD
City,State,Zip: MYRTLE BEACH, SC 29577

DF483	**MINUTEMAN FOOD MART 54**	**UST**	**U004255309**
Target	**1960 MR JOE WHITE AVE**		**N/A**
Property	**MYRTLE BEACH, SC**		

Site 1 of 4 in cluster DF

Actual: **21 ft.**
Focus Map: **29**

UST:

Name:	MINUTEMAN FOOD MART 54
Address:	1960 MR JOE WHITE AVE
City:	MYRTLE BEACH
Facility ID:	19628
Permit:	P 19628
Owner:	THE GAS MART INC
Owner Address:	PO BOX 39
Owner City, st, zip:	ELIZABETHTOWN NC 28337
Owner Phone:	910-862-8423
Tank ID:	1
Status:	**Currently in Use**
Capacity:	25000
Product:	Gasoline RUL
Calcage:	0
Name:	MINUTEMAN FOOD MART 54
Address:	1960 MR JOE WHITE AVE
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	16000
Product:	Multiple petroleum
Calcage:	0

DF484	**HESS CORPORATION**	**EDR Hist Auto**	**1020543365**
Target	**1960 10TH AVE N**		**N/A**
Property	**MYRTLE BEACH, SC 29577**		

Site 2 of 4 in cluster DF

Actual: **21 ft.**
Focus Map: **29**

EDR Hist Auto

Year:	Name:	Type:
2006	HESS CORPORATION	Gasoline Service Stations
2007	HESS CORPORATION	Gasoline Service Stations
2008	HESS CORPORATION	Gasoline Service Stations

DF485	**TIGER MART 14**	**GWCI**	**U004019016**
Target	**1960 10TH AVE N**		**N/A**
Property	**MYRTLE BEACH, SC 29577**		

Site 3 of 4 in cluster DF

Actual: **21 ft.**
Focus Map: **29**

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05170

TIGER MART 14 (Continued) **U004019016**

WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05170. RBCA Classification 3BA8. Awaiting Funding.

DF486 **TIGER MART 14** **LUST** **U004256091**
Target **1960 10TH AVE N** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 4 of 4 in cluster DF

Actual:
21 ft.

Focus Map:
29

LUST:

Name:	TIGER MART 14
Address:	1960 10TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05170
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	RIOPKO-CARTER, ELIZABETH
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/05/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/27/1988
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported

TIGER MART 14 (Continued) **U004256091**

Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 07/26/1988
Prefix: Not reported
Total Score: 46

LUST:
Release Date: 06/27/1988
Cleanup Complete Date: Not reported
Depth to Ground Water: 5.660
Ground Water Flow Direction: S
Release Number: 1
Confirmed date: 07/26/1988
RP Name: CARTER
RP Address: 830 44TH AVE K1
RP City: MYRTLE BEACH
RP State: SC
RP Zip: 29577
SCRBCA Class Code: CLASS3BF
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:
Name: TIGER MART 14
Address: 1960 10TH AVE N
City: MYRTLE BEACH
Facility ID: 05170
Permit: R 05170
Owner: RIOPKO-CARTER, ELIZABETH
Owner Address: 830 44TH AVE N UNIT K-1
Owner City, st, zip: MYRTLE BEACH SC 29577
Owner Phone: Not reported

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: TIGER MART 14
Address: 1960 10TH AVE N
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: TIGER MART 14
Address: 1960 10TH AVE N
City: MYRTLE BEACH

Tank ID: 3

TIGER MART 14 (Continued) **U004256091**

Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5
Name:	TIGER MART 14
Address:	1960 10TH AVE N
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5

DG487 **MYRTLE BEACH SECTION SHED** **LUST** **U003628182**
Target **2779 HWY 501** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 1 of 2 in cluster DG

Actual:
46 ft.

Focus Map:
28

LUST:

Name:	MYRTLE BEACH SECTION SHED
Address:	2779 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05079
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SC DEPARTMENT OF TRANSP12/30/91
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/16/2009
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MINERRS
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	11/16/2009
Depth to Ground Water:	4
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	SC DEPARTMENT OF TRANSPORTATION
RP Address:	PO BOX 191

MYRTLE BEACH SECTION SHED (Continued) **U003628182**

RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BF
Project Manager:	MINER, READ S
Release Fin Type Code:	DS

Release Date:	12/30/1991
Cleanup Complete Date:	11/16/2009
Depth to Ground Water:	4
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	SCDOT
RP Address:	PO BOX 191
RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BF
Project Manager:	MINER, READ S
Release Fin Type Code:	DS

UST:

Name:	MYRTLE BEACH SECTION SHED
Address:	2779 HWY 501
City:	MYRTLE BEACH
Facility ID:	05079
Permit:	P 05079
Owner:	SC DEPARTMENT OF TRANSPORTATION
Owner Address:	PO BOX 191
Owner City, st, zip:	COLUMBIA SC 29202-0191
Owner Phone:	803-786-0128

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	25

Name:	MYRTLE BEACH SECTION SHED
Address:	2779 HWY 501
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported

Name:	MYRTLE BEACH SECTION SHED
Address:	2779 HWY 501
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	6000

MYRTLE BEACH SECTION SHED (Continued) **U003628182**

Product:	Gasoline
Calcage:	0
Name:	MYRTLE BEACH SECTION SHED
Address:	2779 HWY 501
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	6000
Product:	Diesel fuel
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05079
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05079. RBCA Classification 3BF4. Active corrective action.

DG488 **SCDOT MYRTLE BEACH** **ECHO** **1001969326**
Target **2779 HWY 501** **SCR000075440**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster DG

Actual:
46 ft.
Focus Map:
28

ECHO:

Envid:	1001969326
Registry ID:	110002329702
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002329702
Name:	SC DOT MYRTLE BEACH
Address:	2779 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577

---

489 **WACCAMAW POTTERY** **UST** **U003558679**
Target **HWY 501** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
13 ft.
Focus Map:
28

UST:

Name:	WACCAMAW POTTERY
Address:	HWY 501
City:	MYRTLE BEACH
Facility ID:	17640
Permit:	N 17640
Owner:	WPP PROPERTIES LIMITED PARTNERS
Owner Address:	3200 POTTERY DR STE B
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-236-6772
Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	15

DH490 **NEIL JOHNSON BUICK GMC INC** **LUST** **U004017545**
Target **922 FRONTAGE RD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 3 in cluster DH

Actual:
19 ft.
Focus Map:
28

LUST:

Name:	NEIL JOHNSON BUICK GMC INC
Address:	922 FRONTAGE RD
City,State,Zip:	MYRTLE BEACH, SC 29577-6700
Release Number:	1
Facility ID:	14021
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HYATT BUICK GMC
Tank Owner Last Name:	HYATT BUICK GMC
Tank Owner First name:	Not reported
NFA Date:	12/04/1992
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	12/30/1991
Release Date:	12/30/1991
EID:	1776276
Local Facility District:	Myrtle Beach EQC Office

NEIL JOHNSON BUICK GMC INC (Continued) **U004017545**

SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	NEIL JOHNSON BUICK GMC INC
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	12/30/1991
Prefix:	N
Total Score:	Not reported

UST:

Name:	NEIL JOHNSON BUICK GMC INC
Address:	922 FRONTAGE RD
City:	MYRTLE BEACH
Facility ID:	14021
Permit:	N 14021
Owner:	HYATT BUICK GMC
Owner Address:	HWY 17 BYPASS
Owner City, st, zip:	MYRTLE BEACH SC 29578
Owner Phone:	803-448-4426
Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

---

491 **WINDOW WORLD** **ECHO** **1022960134**
Target **131 CAUSEY STREET** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
22 ft.

Focus Map:
28

ECHO:

Envid:	1022960134
Registry ID:	110069437416
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069437416
Name:	WINDOW WORLD
Address:	131 CAUSEY STREET
City,State,Zip:	MYRTLE BEACH, SC 29577

DH492 **HYATT BUICK GMC** **ECHO** **1016304647**
Target **922 FRONTAGE ROAD EAST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster DH

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1016304647
Registry ID:	110013763141
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013763141
Name:	HYATT BUICK GMC
Address:	922 FRONTAGE ROAD EAST
City,State,Zip:	MYRTLE BEACH, SC 29577

DH493 **HYATT BUICK GMC** **RCRA-VSQG** **1000274415**
Target **922 FRONTAGE RD E** **SCD036224731**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster DH

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2002-02-28 00:00:00.0
Handler Name:	HYATT BUICK GMC
Handler Address:	922 FRONTAGE RD E
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD036224731
Contact Name:	TOM KILLIAN
Contact Address:	922 FRONTAGE RD E
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-448-4426
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	FRONTAGE RD E
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	CHARLES F HYATT
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

HYATT BUICK GMC (Continued) **1000274415**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES F HYATT
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4405 HITCHING POST LN
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	843-651-6128
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999

HYATT BUICK GMC (Continued) **1000274415**

Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-11-02 00:00:00.0
Handler Name:	HYATT BUICK GMC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-28 00:00:00.0
Handler Name:	HYATT BUICK GMC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HYATT BUICK GMC (Continued) **1000274415**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

HYATT BUICK GMC (Continued) **1000274415**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HYATT BUICK GMC (Continued) **1000274415**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

HYATT BUICK GMC (Continued) **1000274415**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HYATT BUICK GMC (Continued) **1000274415**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

HYATT BUICK GMC (Continued) **1000274415**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1990-04-26 00:00:00.0
Actual Return to Compliance Date:	1990-06-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1990-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH

HYATT BUICK GMC (Continued) **1000274415**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-09-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-07-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

HYATT BUICK GMC (Continued) **1000274415**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-01-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-06-18 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

DI494 **HMIRS** **2003133483**
Target **1946 10TH AVENUE NORTH** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 4 in cluster DI

Actual:
19 ft.

Focus Map:
29

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

DI495 **Target Property**

1946 10TH AVENUE NORTH
MYRTLE BEACH, SC

HMIRS **2004101004** **N/A**

Site 2 of 4 in cluster DI

Actual: **19 ft.**
Focus Map: **29**

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DI496 **Target Property**

SAMS CLUB 6353
1946 10TH AVE N
MYRTLE BEACH, SC

UST **U004226533** **N/A**

Site 3 of 4 in cluster DI

Actual: **19 ft.**
Focus Map: **29**

UST:

Name:	SAMS CLUB 6353
Address:	1946 10TH AVE N
City:	MYRTLE BEACH
Facility ID:	18332
Permit:	P 18332
Owner:	WALMART STORES INC
Owner Address:	702 SW 8TH ST DEPT 8916
Owner City, st, zip:	BENTONVILLE AR 72716-0500
Owner Phone:	479-273-8483

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Multiple petroleum
Calcage:	0

Name:	SAMS CLUB 6353
Address:	1946 10TH AVE N
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0

DI497 **Target Property**

SAMS CLUB 6353
1946 10TH AVE N
MYRTLE BEACH, SC 29577

RCRA-VSQG **1004780938**
ECHO **SCR000003947**

Site 4 of 4 in cluster DI

Actual: **19 ft.**
Focus Map: **29**

RCRA Listings:

Date Form Received by Agency:	2019-01-21 00:00:00.0
Handler Name:	SAMS CLUB 6353
Handler Address:	1946 10TH AVE N
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000003947

SAMS CLUB 6353 (Continued) **1004780938**

Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	WALMART STORES INC
Owner Type:	Private
Operator Name:	WALMART STORES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

SAMS CLUB 6353 (Continued) **1004780938**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-21 14:40:01.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016

SAMS CLUB 6353 (Continued) **1004780938**

Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P046
Waste Description:	ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

SAMS CLUB 6353 (Continued) **1004780938**

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411

SAMS CLUB 6353 (Continued) **1004780938**

Waste Description:	U411

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041

SAMS CLUB 6353 (Continued) **1004780938**

Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private

SAMS CLUB 6353 (Continued) **1004780938**

Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAMS CLUB 6353 (Continued) **1004780938**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported

SAMS CLUB 6353 (Continued) **1004780938**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST

SAMS CLUB 6353 (Continued) **1004780938**

Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private

SAMS CLUB 6353 (Continued) **1004780938**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAMS CLUB 6353 (Continued) **1004780938**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	702 SW 8TH ST DEPT 8013
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-8013
Owner/Operator Telephone:	843-448-3887
Owner/Operator Telephone Ext:	Not reported

SAMS CLUB 6353 (Continued) **1004780938**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2008-01-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72716-0605
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	2008-01-30 00:00:00.
Owner/Operator Address:	2001 SE 10TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0550
Owner/Operator Telephone:	479-204-9914
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS EAST INC
Legal Status:	Private
Date Became Current:	2013-02-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041

SAMS CLUB 6353 (Continued) **1004780938**

Owner/Operator City,State,Zip:	BENTONVILLE, AZ 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-27 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-09-18 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-12 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-07-09 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SAMS CLUB 6353 (Continued) **1004780938**

Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-30 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-01-30 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-01 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-11-05 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-24 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Small Quantity Generator

SAMS CLUB 6353 (Continued) **1004780938**

State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-31 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-29 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-23 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-06-10 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SAMS CLUB 6353 (Continued) **1004780938**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-01-21 00:00:00.0
Handler Name:	SAMS CLUB 6353
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

SAMS CLUB 6353 (Continued) **1004780938**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2000-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1004780938
Registry ID:	110002247952
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247952
Name:	SAMS CLUB 6353
Address:	1946 10TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577

498
Target
Property

BEACH FORD LINCOLN MERCURY INCORPORATED
851 JASON BLVD
MYRTLE BEACH, SC 29577

RCRA-VSQG **1000266469**
ECHO **SCD039807854**

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2010-12-23 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY VOLVO MAXDA INC
Handler Address:	851 JASON BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD039807854
Contact Name:	BRETT MEYER
Contact Address:	JASON BLVD
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-626-3666
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	COMPLIANCE SPECIALIST
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	JASON BLVD
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	BEACH PROPERTIES INC
Owner Type:	Private
Operator Name:	BEACH FORD LINCOLN MERCURY INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-09-09 13:42:17.0

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEACH FORD LINCOLN MERCURY INC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	851 JASON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-626-3666
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEACH PROPERTIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2104 PETERS CREEK PARKWAY
Owner/Operator City,State,Zip:	WINSTON SALEM, NC 27127
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEACH PROPERTIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2104 PETERS CREEK PARKWAY
Owner/Operator City,State,Zip:	WINSTON SALEM, NC 27127
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEACH FORD LINCOLN MERCURY INC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	851 JASON BLVD

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-626-3666
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEACH PROPERTIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2104 PETERS CREEK PARKWAY
Owner/Operator City,State,Zip:	WINSTON SALEM, NC 27127
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEACH FORD LINCOLN MERCURY INC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	851 JASON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-626-3666
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEACH PROPERTIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2104 PETERS CREEK PARKWAY
Owner/Operator City,State,Zip:	WINSTON SALEM, NC 27127
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEACH PROPERTIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2104 PETERS CREEK PARKWAY
Owner/Operator City,State,Zip:	WINSTON SALEM, NC 27127
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEACH PROPERTIES INC
Legal Status:	Private

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2104 PETERS CREEK PARKWAY
Owner/Operator City,State,Zip:	WINSTON SALEM, NC 27127
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEACH FORD LINCOLN MERCURY INC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	851 JASON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-626-3666
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEACH FORD LINCOLN MERCURY INC
Legal Status:	Private
Date Became Current:	2003-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	851 JASON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-626-3666
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-03-13 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-10-03 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-31 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-07 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-01-08 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY VOLVO MAXDA INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-01-19 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY VOLVO MAXDA INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-12-23 00:00:00.0
Handler Name:	BEACH FORD LINCOLN MERCURY VOLVO MAXDA INC

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1989-03-23 00:00:00.0
Actual Return to Compliance Date:	1989-06-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Violation Short Description: Generators - General
Date Violation was Determined: 1989-03-23 00:00:00.0
Actual Return to Compliance Date: 1989-06-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1989-03-23 00:00:00.0
Actual Return to Compliance Date: 1989-06-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2007-09-26 00:00:00.0
Actual Return to Compliance Date: 2008-03-17 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-10-01 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1989-06-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-08-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-03-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-03-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Evaluation Date:	1993-03-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-03-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-12-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK

BEACH FORD LINCOLN MERCURY INCORPORATED (Continued) **1000266469**

Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ECHO:
Envid: 1000266469
Registry ID: 110002248210
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002248210
Name: BEACH FORD LINCOLN MERCURY INCORPORATED
Address: 851 JASON BLVD
City,State,Zip: MYRTLE BEACH, SC 29577

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499 **MYRTLE BEACH UST** **LUST** **U003908268**
Target **7851 HWY 544** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
23 ft.

Focus Map:
26

LUST:
Name: MYRTLE BEACH UST
Address: 7851 HWY 544
City,State,Zip: MYRTLE BEACH, SC 29577
Release Number: 1
Facility ID: 18912
Release Status Number: 8
Substance: PETROL
Tank Owner Company Name: SC DEPARTMENT OF TRANSP03/04/03
Tank Owner Last Name: SC DEPARTMENT OF TRANSPORTATION
Tank Owner First name: Not reported
NFA Date: 08/10/2009
Tank Owner City: COLUMBIA
Confirmed Date: 03/13/2003
Release Date: Not reported
EID: 4643102
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: 3BF
Release Fin Type Code: W25
Qualified: Not reported
Release Source: UST
Local Fac Last Name: MYRTLE BEACH UST
Local Fac First Name: Not reported
User Name: RIDGLECT
Cleanup Initiated Date: 03/13/2003
Prefix: U
Total Score: 1

LUST:
Release Date: 03/04/2003
Cleanup Complete Date: 08/10/2009
Depth to Ground Water: 5.549
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 03/13/2003
RP Name: SC DEPARTMENT OF TRANSPORTATION
RP Address: PO BOX 191

MYRTLE BEACH UST (Continued) **U003908268**

RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25
Release Date:	03/04/2003
Cleanup Complete Date:	08/10/2009
Depth to Ground Water:	5.549
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/13/2003
RP Name:	SCDOT
RP Address:	PO BOX 191
RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	MYRTLE BEACH UST
Address:	7851 HWY 544
City:	MYRTLE BEACH
Facility ID:	18912
Permit:	U 18912
Owner:	SC DEPARTMENT OF TRANSPORTATION
Owner Address:	PO BOX 191
Owner City, st, zip:	COLUMBIA SC 29202-0191
Owner Phone:	803-786-0128
Tank ID:	1
Status:	**Abandoned**
Capacity:	550
Product:	Gasoline
Calcage:	0
Name:	MYRTLE BEACH UST
Address:	7851 HWY 544
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	550
Product:	Gasoline
Calcage:	0

500 **Target** **Property**	**MERCHANTS TIRE & AUTO 05054** **825 JASON BLVD** **MYRTLE BEACH, SC 29577**	**ECHO**	**1004779820** **SC0000902866**

Actual: **19 ft.**
Focus Map: **28**

ECHO:

Envid:	1004779820
Registry ID:	110002247989
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247989
Name:	MERCHANTS TIRE & AUTO LOCATION NUMBER 05054
Address:	825 JASON BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577

DJ501 **Target** **Property**	**MYRTLE BEACH CHRYSLER PLYMOUTH JEEP** **785 JASON BLVD** **MYRTLE BEACH, SC 29577**	**RCRA-VSQG** **ECHO**	**1004780965** **SCR000004648**

Site 1 of 3 in cluster DJ

Actual: **22 ft.**
Focus Map: **28**

RCRA Listings:

Date Form Received by Agency:	1998-07-27 00:00:00.0
Handler Name:	MYRTLE BEACH CHRYSLER PLYMOUTH JEEP
Handler Address:	785 JASON BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000004648
Contact Name:	TODD JOHNSON
Contact Address:	785 JASON BLVD
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-448-1191
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	JASON BLVD
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	KEFFER MANAGEMENT
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

MYRTLE BEACH CHRYSLER PLYMOUTH JEEP (Continued) **1004780965**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D027

MYRTLE BEACH CHRYSLER PLYMOUTH JEEP (Continued) **1004780965**

Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: KEFFER MANAGEMENT
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 8200 E INDEPENDENCE BLVD
Owner/Operator City,State,Zip: CHARLOTTE, NC 28226
Owner/Operator Telephone: 704-563-5966
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1998-07-27 00:00:00.0
Handler Name: MYRTLE BEACH CHRYSLER PLYMOUTH JEEP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:
Envid: 1004780965
Registry ID: 110002248014
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002248014
Name: MYRTLE BEACH CHRYSLER PLYMOUTH JEEP

MYRTLE BEACH CHRYSLER PLYMOUTH JEEP (Continued) **1004780965**

Address:	785 JASON BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577

DK502 **SANTEE COOPER MB SUBSTATION MT** **RCRA-VSQG** **1015758098**
Target **1935C 10TH AVE N** **SCD981921174**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 3 in cluster DK

Actual:
19 ft.

Focus Map:
29

RCRA Listings:

Date Form Received by Agency:	2016-05-20 00:00:00.0
Handler Name:	SANTEE COOPER MB SUBSTATION MT
Handler Address:	1935C 10TH AVE N
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD981921174
Contact Name:	AUBREE DECOTEAU
Contact Address:	ONE RIVERWOOD DR
Contact City,State,Zip:	MONCKS CORNER, SC 29461
Contact Telephone:	843-761-8000 5159
Contact Fax:	Not reported
Contact Email:	AUBREE.DECOTEAU@SANTEECOPPER.COM
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	RIVERWOOD DR
Mailing City,State,Zip:	MONCKS CORNER, SC 29461
Owner Name:	SC PUBLIC SERVICES
Owner Type:	State
Operator Name:	SC PUBLIC SERVICES
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

SANTEE COOPER MB SUBSTATION MT (Continued) **1015758098**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-06-15 15:19:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC PUBLIC SERVICES
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC PUBLIC SERVICES
Legal Status:	State

SANTEE COOPER MB SUBSTATION MT (Continued) **1015758098**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC PUBLIC SERVICES
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC PUBLIC SERVICES
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC PUBLIC SERVICES
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SANTEE COOPER MB SUBSTATION MT (Continued) **1015758098**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC PUBLIC SERVICES
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC PUBLIC SERVICES
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-01-20 00:00:00.0
Handler Name:	SANTEE COOPER MB SUBSTATION MT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-09-18 00:00:00.0
Handler Name:	SANTEE COOPER MB SUBSTATION MT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-24 00:00:00.0
Handler Name:	SANTEE COOPER MB SUBSTATION MT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SANTEE COOPER MB SUBSTATION MT (Continued) **1015758098**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-05-20 00:00:00.0
Handler Name:	SANTEE COOPER MB SUBSTATION MT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221112
NAICS Description:	FOSSIL FUEL ELECTRIC POWER GENERATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

DJ503 **RICHBOURGS SALES & RENTALS** **UST** **U003524620**
Target **749 JASON BLVD** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 3 in cluster DJ

Actual:
22 ft.

Focus Map:
28

UST:

Name:	RICHBOURGS SALES & RENTALS
Address:	749 JASON BLVD
City:	MYRTLE BEACH
Facility ID:	11465
Permit:	N 11465
Owner:	RICHBOURGS SALES & RENTALS
Owner Address:	1500 W LUCAS ST
Owner City, st, zip:	FLORENCE SC 29501-1224
Owner Phone:	Not reported

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	5

DJ504 **RICHBOURGS SALES & RENTALS** **RCRA-VSQG** **1004779748**
Target **749 JASON BLVD** **ECHO** **SC0000357814**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster DJ

Actual:
22 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	1994-05-26 00:00:00.0
Handler Name:	RICHBOURGS SALES & RENTALS
Handler Address:	749 JASON BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SC0000357814
Contact Name:	BRUCE RICHBOURG
Contact Address:	1500 W LUCAS ST
Contact City,State,Zip:	FLORENCE, SC 29501
Contact Telephone:	803-669-3281
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	W LUCAS ST
Mailing City,State,Zip:	FLORENCE, SC 29501
Owner Name:	BRUCE RICHBOURG
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

RICHBOURGS SALES & RENTALS (Continued) **1004779748**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE RICHBOURG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1500 W LUCAS ST
Owner/Operator City,State,Zip:	FLORENCE, SC 29501
Owner/Operator Telephone:	803-669-3281
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-05-26 00:00:00.0
Handler Name:	RICHBOURGS SALES & RENTALS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

RICHBOURGS SALES & RENTALS (Continued) **1004779748**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004779748
Registry ID:	110002247934
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247934
Name:	RICHBOURGS SALES & RENTALS
Address:	749 JASON BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577

DK505 **MYRTLE BEACH OPERATIONS CTR** **LUST** **U004018995**
Target **1935 MR JOE WHITE AVE** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 3 in cluster DK

Actual:
19 ft.

Focus Map:
29

LUST:

Name:	MYRTLE BEACH OPERATIONS CTR
Address:	1935 MR JOE WHITE AVE
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05040
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SANTEE COOPER
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/17/1996
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	11/21/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	ANDERSPE
Cleanup Initiated Date:	03/23/1992
Prefix:	Not reported
Total Score:	0

MYRTLE BEACH OPERATIONS CTR (Continued) **U004018995**

LUST:

Release Date:	07/25/2007
Cleanup Complete Date:	01/03/2008
Depth to Ground Water:	4.429
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	07/30/2007
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS5B
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

Release Date:	11/21/1991
Cleanup Complete Date:	01/17/1996
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS999
Project Manager:	ANDERSON, PAULA E
Release Fin Type Code:	UNK

Name:	MYRTLE BEACH OPERATIONS CTR
Address:	1935 MR JOE WHITE AVE
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	2
Facility ID:	05040
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	SANTEE COOPER
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/11/2008
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/25/2007
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	07/30/2007
Prefix:	Not reported

MYRTLE BEACH OPERATIONS CTR (Continued) **U004018995**

Total Score: 1

LUST:

Release Date:	07/25/2007
Cleanup Complete Date:	01/03/2008
Depth to Ground Water:	4.429
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	07/30/2007
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS5B
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

Release Date:	11/21/1991
Cleanup Complete Date:	01/17/1996
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS999
Project Manager:	ANDERSON, PAULA E
Release Fin Type Code:	UNK

UST:

Name:	MYRTLE BEACH OPERATIONS CTR
Address:	1935 MR JOE WHITE AVE
City:	MYRTLE BEACH
Facility ID:	05040
Permit:	P 05040
Owner:	SANTEE COOPER
Owner Address:	PO BOX 2946101
Owner City, st, zip:	MONCKS CORNER SC 29461-6101
Owner Phone:	843-761-8000

Tank ID:	1
Status:	**Abandoned**
Capacity:	24000
Product:	Gasoline
Calcage:	Not reported

Name:	MYRTLE BEACH OPERATIONS CTR
Address:	1935 MR JOE WHITE AVE
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**

MYRTLE BEACH OPERATIONS CTR (Continued) **U004018995**

Capacity: 12000
Product: Diesel fuel
Calcage: Not reported

Name: MYRTLE BEACH OPERATIONS CTR
Address: 1935 MR JOE WHITE AVE
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 6000
Product: Diesel fuel
Calcage: 0

Name: MYRTLE BEACH OPERATIONS CTR
Address: 1935 MR JOE WHITE AVE
City: MYRTLE BEACH

Tank ID: 4
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

DL506 **OLD POLICE STATION** **LUST** **U003558303**
Target **10TH AVE N** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 2 in cluster DL

Actual:
19 ft.
Focus Map:
29

LUST:

Name:	OLD POLICE STATION
Address:	10TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	04926
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/18/1993
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/02/1990
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	08/20/1990
Prefix:	Not reported
Total Score:	Not reported

OLD POLICE STATION (Continued) **U003558303**

UST:

Name:	OLD POLICE STATION
Address:	10TH AVE N
City:	MYRTLE BEACH
Facility ID:	04926
Permit:	N 04926
Owner:	MYRTLE BEACH CITY OF
Owner Address:	PO BOX 2468
Owner City, st, zip:	MYRTLE BEACH SC 29578-2468
Owner Phone:	843-918-2160

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported

DL507 **OLD SHOP PUBLIC WORKS BLDG** **LUST** **U003558304**
Target **10TH AVE N** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster DL

Actual:
19 ft.

Focus Map:
29

LUST:

Name:	OLD SHOP PUBLIC WORKS BLDG
Address:	10TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	04925
Release Status Number:	Not reported
Substance:	UNKNOWN
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/20/1991
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	04/30/1990
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	LONGKH
Cleanup Initiated Date:	08/13/1990
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	OLD SHOP PUBLIC WORKS BLDG
Address:	10TH AVE N
City:	MYRTLE BEACH
Facility ID:	04925
Permit:	N 04925

OLD SHOP PUBLIC WORKS BLDG (Continued) **U003558304**

Owner:	MYRTLE BEACH CITY OF
Owner Address:	PO BOX 2468
Owner City, st, zip:	MYRTLE BEACH SC 29578-2468
Owner Phone:	843-918-2160

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	Not reported

DK508 **SANTEE COOPER MB SUBSTATION MT** **ECHO** **1004594602**
Target **1935-C 10TH AVE N** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster DK

Actual:
19 ft.
Focus Map:
29

ECHO:

Envid:	1004594602
Registry ID:	110004939513
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004939513
Name:	SANTEE COOPER MB SUBSTATION MT
Address:	1935-C 10TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577

DM509 **HAKSIM INC DBA PEACHTREE GROCERY** **LUST** **U003629504**
Target **7981 HWY 544** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 2 in cluster DM

Actual:
22 ft.
Focus Map:
26

LUST:

Name:	HAKSIM INC DBA PEACHTREE GROCERY
Address:	7981 HWY 544
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	1
Facility ID:	12248
Release Status Number:	3
Substance:	PETROL
Tank Owner Company Name:	TAING, HAK
Tank Owner Last Name:	TAING
Tank Owner First name:	HAK
NFA Date:	04/30/2014
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	09/03/2009
Release Date:	09/02/2009
EID:	50606989
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	HAKSIM INC DBA PEACHTREE GROCERY
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	09/03/2009

HAKSIM INC DBA PEACHTREE GROCERY (Continued) **U003629504**

Prefix:	P
Total Score:	2

LUST:

Release Date:	09/02/2009
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.200
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	09/03/2009
RP Name:	TAING
RP Address:	7981 HWY 544
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29588
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	HAKSIM INC DBA PEACHTREE GROCERY
Address:	7981 HWY 544
City:	MYRTLE BEACH
Facility ID:	12248
Permit:	P 12248
Owner:	TAING, HAK
Owner Address:	7981 HWY 544
Owner City, st, zip:	MYRTLE BEACH SC 29588
Owner Phone:	843-236-6108

Tank ID:	1
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	0

Name:	HAKSIM INC DBA PEACHTREE GROCERY
Address:	7981 HWY 544
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0

Name:	HAKSIM INC DBA PEACHTREE GROCERY
Address:	7981 HWY 544
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline Super/Prem
Calcage:	0

510 **CONCRETE SUPPLY CO - SOUTH MYRTLE BEACH** **ECHO** **1006797011**
Target **2231 HWY 643** **2957WCNCRT2231H**
Property **MYRTLE BEACH, SC 29577**

Actual:
22 ft.

Focus Map:
28

ECHO:

Envid:	1006797011
Registry ID:	110013669967
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013669967
Name:	CONCRETE SUPPLY CO LLC SOUTH MYRTLE BEACH PLT
Address:	2231 HWY 643
City,State,Zip:	MYRTLE BEACH, SC 29577

DM511 **MYRTLE BEACH BODY WORKS** **RCRA-VSQG** **1000414319**
Target **HWY 544 & N LILAC RD** **SCD982086282**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster DM

Actual:
22 ft.

Focus Map:
26

RCRA Listings:

Date Form Received by Agency:	2002-03-27 00:00:00.0
Handler Name:	MYRTLE BEACH BODY WORKS
Handler Address:	HWY 544 & N LILAC RD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD982086282
Contact Name:	DON SMITH
Contact Address:	HWY 544 & N LILAC RD
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	803-236-4900
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 544 & N LILAC RD
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	DON SMITH
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

MYRTLE BEACH BODY WORKS (Continued) **1000414319**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: F003

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005

MYRTLE BEACH BODY WORKS (Continued) **1000414319**

Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON SMITH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	HWY 544 & N LILAC RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1988-10-31 00:00:00.0
Handler Name:	MYRTLE BEACH BODY WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	MYRTLE BEACH BODY WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

MYRTLE BEACH BODY WORKS (Continued) **1000414319**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

DN512 **CIRCLE K 2723221** **LUST** **U004291695**
Target **1929 MR JOE WHITE AVE** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 3 in cluster DN

Actual:
19 ft.

Focus Map:
29

LUST:

Name:	CIRCLE K 2723221
Address:	1929 MR JOE WHITE AVE
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	09957
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/29/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	09/25/1990
Prefix:	Not reported
Total Score:	6

LUST:

Release Date:	12/29/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.019
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	09/25/1990

CIRCLE K 2723221 (Continued) **U004291695**

RP Name: PANTRY INC
RP Address: 1801 DOUGLAS DR
RP City: SANFORD
RP State: NC
RP Zip: 27330
SCRBCA Class Code: CLASS4BC
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:
Name: CIRCLE K 2723221
Address: 1929 MR JOE WHITE AVE
City: MYRTLE BEACH
Facility ID: 09957
Permit: P 09957
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: CIRCLE K 2723221
Address: 1929 MR JOE WHITE AVE
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Plus
Calcage: 0

Name: CIRCLE K 2723221
Address: 1929 MR JOE WHITE AVE
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 8000
Product: Gasoline Super/Prem
Calcage: 0

Name: CIRCLE K 2723221
Address: 1929 MR JOE WHITE AVE
City: MYRTLE BEACH

Tank ID: 4
Status: **Currently in Use**
Capacity: 4000
Product: Diesel fuel
Calcage: 0

CIRCLE K 2723221 (Continued) **U004291695**

Name:	CIRCLE K 2723221
Address:	1929 MR JOE WHITE AVE
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	1000
Product:	Kerosene
Calcage:	0

DN513 **PANTRY 3221 DBA KANGAROO** **GWCI** **U003666035**
Target **1929 10TH AVE N** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster DN

Actual:
19 ft.

Focus Map:
29

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	09957
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 09957. RBCA Classification 4BC8. Awaiting Funding.

DN514 **PANTRY INC** **EDR Hist Auto** **1020548588**
Target **1929 10TH AVE N** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster DN

Actual:
19 ft.

Focus Map:
29

EDR Hist Auto

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

DO515 **CAYCE COMPANY INC** **LUST** **U004291872**
Target **909 SEABOARD ST** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 4 in cluster DO

Actual:
19 ft.

Focus Map:
29

LUST:

Name:	CAYCE COMPANY INC
Address:	909 SEABOARD ST
City,State,Zip:	MYRTLE BEACH, SC 29577-6531
Release Number:	1
Facility ID:	13949
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CAYCE COMPANY INC
Tank Owner Last Name:	CAYCE COMPANY INC
Tank Owner First name:	Not reported
NFA Date:	07/11/1995
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	07/11/1995
Release Date:	04/13/1994
EID:	1775767
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	CAYCE COMPANY INC
Local Fac First Name:	Not reported
User Name:	BERENBMK
Cleanup Initiated Date:	07/11/1995
Prefix:	N
Total Score:	Not reported

UST:

Name:	CAYCE COMPANY INC
Address:	909 SEABOARD ST
City:	MYRTLE BEACH
Facility ID:	13949

CAYCE COMPANY INC (Continued) **U004291872**

Permit:	N 13949
Owner:	CAYCE COMPANY INC
Owner Address:	2710 S IRBY ST
Owner City, st, zip:	FLORENCE SC 29505
Owner Phone:	843-241-1808

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	15

DO516 **ACS** **LUST** **U003518805**
Target **909 SEABOARD INDUST PARK** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 4 in cluster DO

Actual:
19 ft.

Focus Map:
29

LUST:

Name:	ACS
Address:	909 SEABOARD INDUST PARK
City,State,Zip:	MYRTLE BEACH, SC 29577-3809
Release Number:	1
Facility ID:	11187
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CHAPIN CO
Tank Owner Last Name:	CHAPIN CO
Tank Owner First name:	Not reported
NFA Date:	08/13/1993
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/23/1992
Release Date:	12/30/1991
EID:	1763521
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	ACS
Local Fac First Name:	Not reported
User Name:	WRIGHTJW
Cleanup Initiated Date:	03/23/1992
Prefix:	N
Total Score:	Not reported

UST:

Name:	ACS
Address:	909 SEABOARD INDUST PARK
City:	MYRTLE BEACH
Facility ID:	11187
Permit:	N 11187
Owner:	CHAPIN CO
Owner Address:	744 MAIN ST
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-448-6954

ACS (Continued) **U003518805**

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 10

Name: ACS
Address: 909 SEABOARD INDUST PARK
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: 10

517
Target
Property

HD SUPPLY ELECTRICAL LTD HG005D
170 JACOB LANE
MYRTLE BEACH, SC 29579

ECHO **1010481893**
N/A

Actual:
22 ft.

Focus Map:
28

ECHO:

Envid:	1010481893
Registry ID:	110031418213
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110031418213
Name:	HD SUPPLY ELECTRICAL LTD HG005D
Address:	170 JACOB LANE
City,State,Zip:	MYRTLE BEACH, SC 29579

DO518
Target
Property

PRIME EQUIPMENT #415
915 SEABOARD ST
MYRTLE BEACH, SC 29577

ECHO **1004780776**
SCD987597697

Site 3 of 4 in cluster DO

Actual:
19 ft.

Focus Map:
29

ECHO:

Envid:	1004780776
Registry ID:	110002193778
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193778
Name:	PRIME EQUIPMENT NUMBER 415
Address:	915 SEABOARD ST
City,State,Zip:	MYRTLE BEACH, SC 29577

DO519
Target
Property

RENTAL SERVICE CORP STORE 615
915 SEABOARD ST
MYRTLE BEACH, SC

LUST
UST
GWCI

U003524421
N/A

Site 4 of 4 in cluster DO

Actual:
19 ft.

Focus Map:
29

LUST:

Name:	RENTAL SERVICE CORP STORE 615
Address:	915 SEABOARD ST
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05012
Release Status Number:	Not reported

RENTAL SERVICE CORP STORE 615 (Continued) **U003524421**

Substance:	PETRO
Tank Owner Company Name:	PRIME SERVICE INC DBA RSC12/31/91
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/18/2008
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MADABHS
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	9

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	PRIME SERVICE INC DBA RSC
RP Address:	6929 E GREENWAY PKWY
RP City:	SCOTTSDALE
RP State:	AZ
RP Zip:	85254
SCRBCA Class Code:	CLASS3AC
Project Manager:	MADABHUSHI, SRIRAM
Release Fin Type Code:	WS

UST:

Name:	RENTAL SERVICE CORP STORE 615
Address:	915 SEABOARD ST
City:	MYRTLE BEACH
Facility ID:	05012
Permit:	N 05012
Owner:	PRIME SERVICE INC DBA RSC
Owner Address:	6929 E GREENWAY PKWY
Owner City, st, zip:	SCOTTSDALE AZ 85254
Owner Phone:	480-905-3300

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

Name:	RENTAL SERVICE CORP STORE 615
Address:	915 SEABOARD ST

RENTAL SERVICE CORP STORE 615 (Continued) **U003524421**

City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 5

Name: RENTAL SERVICE CORP STORE 615
Address: 915 SEABOARD ST
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05012
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05012. RBCA Classification 3AC4. Active corrective action.

520 MYRTLE BEACH SALES YARD — **LUST** **U000481126**
Target US HWY 501 — **UST** **N/A**
Property MYRTLE BEACH, SC

Actual:
22 ft.

Focus Map:
28

LUST:

Name:	MYRTLE BEACH SALES YARD
Address:	US HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	05057
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	VULCAN CONSTRUCTION MAT02/25/98
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	04/16/1999
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILLIACJ
Cleanup Initiated Date:	03/23/1998
Prefix:	Not reported
Total Score:	43

LUST:

Release Date:	02/25/1998
Cleanup Complete Date:	04/16/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1998
RP Name:	VULCAN CONSTRUCTION MATERIALS LP
RP Address:	201 BROWN RD
RP City:	PIEDMONT
RP State:	SC
RP Zip:	29673
SCRBCA Class Code:	CLASS3BD
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	W25

UST:

Name:	MYRTLE BEACH SALES YARD
Address:	US HWY 501
City:	MYRTLE BEACH
Facility ID:	05057
Permit:	N 05057
Owner:	VULCAN CONSTRUCTION MATERIALS LLC
Owner Address:	201 BROWN RD
Owner City, st, zip:	PIEDMONT SC 29673
Owner Phone:	864-299-4785

MYRTLE BEACH SALES YARD (Continued) **U000481126**

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel
Calcage:	5
Name:	MYRTLE BEACH SALES YARD
Address:	US HWY 501
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

DP521 **BRUCES AUTO REPR TRANSMISSIONS** **EDR Hist Auto** **1022118343**
Target **725 SEABOARD ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster DP

Actual:
19 ft.
EDR Hist Auto

Focus Map:
28

Year:	Name:	Type:
1994	BRUCES AUTO REPR TRANSMISSIONS	Automotive Transmission Repair Shops
1994	BRUCES AUTO REPAIR	Automotive Transmission Repair Shops
1995	BRUCES AUTO REPAIR	Automotive Transmission Repair Shops
1995	BRUCES AUTO REPR TRANSMISSIONS	Automotive Transmission Repair Shops
1996	BRUCES AUTO REPAIR	Automotive Transmission Repair Shops
1996	BRUCES AUTO REPR TRANSMISSIONS	Automotive Transmission Repair Shops

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DP522 **BAIDEN & ASSOCIATES INC** **ECHO** **1000229028**
Target **801 SEABOARD ST** **SCD131454621**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster DP

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1000229028
Registry ID:	110002248103
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248103
Name:	BAIDEN & ASSOCIATES INCORPORATED
Address:	801 SEABOARD STREET
City,State,Zip:	MYRTLE BEACH, SC 29577

523 **Target** **Property**	**CHAVIS VAN & STORAGE** **800/802 SEABOARD ST** **MYRTLE BEACH, SC**	**LUST** **UST** **GWCI**	**U003628758** **N/A**

Actual:
19 ft.

Focus Map:
28

LUST:

Name:	CHAVIS VAN & STORAGE
Address:	800/802 SEABOARD ST
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05172
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CHAVIS VAN & STORAGE
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/15/2005
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	03/23/1992
Prefix:	Not reported
Total Score:	314

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	W
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	CHAVIS VAN & STORAGE
RP Address:	800/802 SEABOARD ST
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BD
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

UST:

Name:	CHAVIS VAN & STORAGE
Address:	800/802 SEABOARD ST
City:	MYRTLE BEACH
Facility ID:	05172
Permit:	N 05172
Owner:	CHAVIS VAN & STORAGE
Owner Address:	800/802 SEABOARD ST
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-448-2121

CHAVIS VAN & STORAGE (Continued) **U003628758**

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	5

Name:	CHAVIS VAN & STORAGE
Address:	800/802 SEABOARD ST
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05172
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05172. RBCA Classification 3BD3. Monitored Natural Attenuation.

524 **GENERAL TELEPHONE OF THE SOUTH** **ECHO** **1016185131**
Target **1900 10TH AVE** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.
Focus Map:
29

ECHO:

Envid:	1016185131
Registry ID:	110002248096
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248096
Name:	GENERAL TELEPHONE OF THE SOUTH
Address:	1900 10TH AVE
City,State,Zip:	MYRTLE BEACH, SC 29577

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525 **EQUIPMENT RENTAL & SUPPLY** **UST** **U003521095**
Target **709 SEABOARD ST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.
Focus Map:
28

UST:

Name:	EQUIPMENT RENTAL & SUPPLY
Address:	709 SEABOARD ST
City:	MYRTLE BEACH
Facility ID:	13948
Permit:	N 13948
Owner:	EQUIPMENT RENTAL & SUPPLY
Owner Address:	709 SEABOARD ST
Owner City, st, zip:	MYRTLE BEACH SC 29577-6511
Owner Phone:	803-448-3185

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	Not reported

Name:	EQUIPMENT RENTAL & SUPPLY
Address:	709 SEABOARD ST
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	Not reported

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526 **NEW IMAGE UPHOLSTERY & C** **EDR Hist Cleaner** **1018590133**
Target **2507 FRESTBROOK RD UNIT B** **N/A**
Property **MYRTLE BEACH, SC 29588**

Actual:
19 ft.
Focus Map:
27

EDR Hist Cleaner

Year:	Name:	Type:
2009	SONSHINE CLEANERS	Laundry And Drycleaner Agents
2010	SONSHINE CLEANERS	Laundry And Drycleaner Agents
2011	SONSHINE CLEANERS	Laundry And Drycleaner Agents
2014	NEW IMAGE UPHOLSTERY & C	Carpet And Upholstery Cleaning

527 **HONDA DOCTOR** **EDR Hist Auto** **1020203541**
Target **601 SEABOARD ST STE C7** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
19 ft.

Focus Map:
28

Year:	Name:	Type:
1986	ROPADEN ENTERPRISES INC	Automotive Repair Shops, NEC
1987	ROPADEN ENTERPRISES INC	Automotive Repair Shops, NEC
1988	ROPADEN ENTERPRISES INC	Automotive Repair Shops, NEC
1988	ELLIS R J	Automotive Repair Shops, NEC
1989	GRAHAM S AUTOMOTIVE REPAIR	General Automotive Repair Shops
1991	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1992	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1993	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1993	BLOCKHEADS	Automotive Repair Shops, NEC, NEC
1994	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1994	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
1995	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1995	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
1996	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
1996	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1997	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
1997	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1998	MAYERS RADIATOR SHOP	Powertrain Components Repair Services
1998	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
1999	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2000	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2001	HONDA DOCTOR	General Automotive Repair Shops
2001	IMPORT SPECIALTIES	General Automotive Repair Shops
2001	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2002	IMPORT SPECIALTIES	General Automotive Repair Shops
2002	HONDA DOCTOR	General Automotive Repair Shops
2002	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2003	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2003	HONDA DOCTOR	General Automotive Repair Shops
2003	IMPORT SPECIALTIES	General Automotive Repair Shops
2004	HONDA DOCTOR	General Automotive Repair Shops
2004	IMPORT SPECIALTIES	General Automotive Repair Shops
2004	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2005	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2005	HONDA DOCTOR	General Automotive Repair Shops
2005	IMPORT SPECIALTIES	General Automotive Repair Shops
2006	IMPORT SPECIALTIES	General Automotive Repair Shops
2006	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2006	HONDA DOCTOR	General Automotive Repair Shops
2007	IMPORT SPECIALTIES	General Automotive Repair Shops
2007	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2008	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2009	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2010	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2010	AFFORDABLE AUTOMOBILES LLC	General Automotive Repair Shops
2011	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2011	AFFORDABLE AUTOMOBILES LLC	General Automotive Repair Shops
2012	AFFORDABLE AUTOMOBILES LLC	General Automotive Repair Shops
2012	JOES GARAGE	Frame And Front End Repair Services
2013	AFFORDABLE AUTOMOBILES LLC	General Automotive Repair Shops
2013	ARMOR SHIELD AUTOMOTIVE	General Automotive Repair Shops
2014	JOES GARAGE	Frame And Front End Repair Services

HONDA DOCTOR (Continued) **1020203541**

2014 AFFORDABLE AUTOMOBILES LLC General Automotive Repair Shops

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528 **ROBERT O COLLINS/SOCASTEE PIT** **ECHO** **1005532455**
Target **7600 HIGHWAY 544** **N/A**
Property **MYRTLE BEACH, SC 29588**

Actual:
20 ft.
Focus Map:
26

ECHO:

Envid:	1005532455
Registry ID:	110006840286
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006840286
Name:	ROBERT O COLLINS/SOCASTEE PIT
Address:	7600 HIGHWAY 544
City,State,Zip:	MYRTLE BEACH, SC 29588

DQ529 **SPEEDWAY 4575** **ECHO** **1018382818**
Target **1845 MR JOE WHITE AVE** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 3 in cluster DQ

Actual:
19 ft.
Focus Map:
29

ECHO:

Envid:	1018382818
Registry ID:	110069457527
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069457527
Name:	SPEEDWAY 4575
Address:	1845 MR JOE WHITE AVE
City,State,Zip:	MYRTLE BEACH, SC 29577

DQ530 **SPEEDWAY 4575** **RCRA-VSQG** **1019326535**
Target **1845 MR JOE WHITE AVE** **SCR000782904**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster DQ

Actual:
19 ft.
Focus Map:
29

RCRA Listings:

Date Form Received by Agency:	2016-07-21 00:00:00.0
Handler Name:	SPEEDWAY 4575
Handler Address:	1845 MR JOE WHITE AVE
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000782904
Contact Name:	CHARLES BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMIN
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC

SPEEDWAY 4575 (Continued) **1019326535**

State District:	WM
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	County
Operator Name:	SPEEDWAY LLC
Operator Type:	County
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-05 10:59:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

SPEEDWAY 4575 (Continued) **1019326535**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	County
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	County
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-07-21 00:00:00.0
Handler Name:	SPEEDWAY 4575
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	447110

SPEEDWAY 4575 (Continued) **1019326535**

NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

DQ531 **SPEEDWAY 4575** **UST** **U004158030**
Target **1845 MR JOE WHITE AVE** **N/A**
Property **MYRTLE BEACH, SC**

Site 3 of 3 in cluster DQ

Actual:
19 ft.

Focus Map:
29

UST:

Name:	SPEEDWAY 4575
Address:	1845 MR JOE WHITE AVE
City:	MYRTLE BEACH
Facility ID:	19492
Permit:	P 19492
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	SPEEDWAY 4575
Address:	1845 MR JOE WHITE AVE
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	SPEEDWAY 4575
Address:	1845 MR JOE WHITE AVE
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

DR532 **SANTEE COOPER MYRTLE BEACH GAS TURBINES** **ECHO** **1000695824**
Target **429 WATERSIDE DR** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 3 in cluster DR

Actual:
15 ft.
Focus Map:
28

ECHO:

Envid:	1000695824
Registry ID:	110002247872
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247872
Name:	SANTEE COOPER MYRTLE BEACH GAS TURBINES
Address:	429 WATERSIDE DR
City,State,Zip:	MYRTLE BEACH, SC 29577

DR533 **SANTEE COOPER MYRTLE BEACH GAS TURBINES** **RCRA-SQG** **1007116037**
Target **429 WATERSIDE DR** **SCD987589595**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster DR

Actual:
15 ft.
Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2018-11-30 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH GAS TURBINES
Handler Address:	429 WATERSIDE DR
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD987589595
Contact Name:	AUBREE DECOTEAU
Contact Address:	ONE RIVERWOOD DR
Contact City,State,Zip:	MONCKS CORNER, SC 29461-2901
Contact Telephone:	843-761-8000 5159
Contact Fax:	Not reported
Contact Email:	AUBREE.DECOTEAU@SANTEECOPPER.COM
Contact Title:	ENGINEER II
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	RIVERWOOD DR
Mailing City,State,Zip:	MONCKS CORNER, SC 29461-2901
Owner Name:	SANTEE COOPER
Owner Type:	Private
Operator Name:	SANTEE COOPER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

SANTEE COOPER MYRTLE BEACH GAS TURBINES (Continued) **1007116037**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-12-07 09:20:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private

SANTEE COOPER MYRTLE BEACH GAS TURBINES (Continued) **1007116037**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SANTEE COOPER MYRTLE BEACH GAS TURBINES (Continued) **1007116037**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANTEE COOPER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE RIVERWOOD DR
Owner/Operator City,State,Zip:	MONCKS CORNER, SC 29461
Owner/Operator Telephone:	843-761-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-01-27 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH GAS TURBINES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-05-20 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH GAS TURBINES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-12-18 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH GAS TURBINES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SANTEE COOPER MYRTLE BEACH GAS TURBINES (Continued) **1007116037**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2018-11-30 00:00:00.0
Handler Name:	SANTEE COOPER MYRTLE BEACH GAS TURBINES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2000-01-03 00:00:00.0
Handler Name:	SANTEE COOPER-MYRTLE BEACH GAS TURBINES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221112
NAICS Description:	FOSSIL FUEL ELECTRIC POWER GENERATION

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

SANTEE COOPER MYRTLE BEACH GAS TURBINES (Continued) **1007116037**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

SANTEE COOPER MYRTLE BEACH GAS TURBINES (Continued) **1007116037**

Evaluation Action Summary:

Evaluation Date:	1997-04-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-10-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

DR534 **SANTEE COOPER MYRTLE B DIV EAR** **LUST** **1000399581**
Target **429 WATERSIDE DRIVE** **UST** **SCD981475825**
Property **MYRTLE BEACH, SC 29277**

Site 3 of 3 in cluster DR

Actual:
15 ft.

Focus Map:
28

LUST:

Name:	SANTEE COOPER MYRTLE BEACH GARA
Address:	429 WATERSIDE DR
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	12684
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	SANTEE COOPER
Tank Owner Last Name:	SANTEE COOPER
Tank Owner First name:	Not reported
NFA Date:	11/17/1997
Tank Owner City:	MONCKS CORNER
Confirmed Date:	08/07/1990
Release Date:	12/15/1989
EID:	1771700
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WOC
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SANTEE COOPER MYRTLE BEACH GARAGE
Local Fac First Name:	Not reported

SANTEE COOPER MYRTLE B DIV EAR (Continued) **1000399581**

User Name: WILLIACJ
Cleanup Initiated Date: 08/07/1990
Prefix: N
Total Score: 0

LUST:
Release Date: 12/15/1989
Cleanup Complete Date: 11/17/1997
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 08/07/1990
RP Name: SANTEE COOPER
RP Address: 1 RIVERWOOD DR
RP City: MONCKS CORNER
RP State: SC
RP Zip: 29461
SCRBCA Class Code: CLASS3BF
Project Manager: WILLIAMS, CHARLES J
Release Fin Type Code: WOC

UST:
Name: SANTEE COOPER MYRTLE BEACH GARAGE
Address: 429 WATERSIDE DR
City: MYRTLE BEACH
Facility ID: 12684
Permit: N 12684
Owner: SANTEE COOPER
Owner Address: PO BOX 2946101
Owner City, st, zip: MONCKS CORNER SC 29461-6101
Owner Phone: 843-761-8000

Tank ID: 1
Status: **Abandoned**
Capacity: 1500
Product: Gasoline
Calcage: 25

---

535 **TADS TRANSMISSION** **EDR Hist Auto** **1020279726**
Target **485 PIEDMONT DR** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
15 ft.
Focus Map:
28

Year:	Name:	Type:
1998	TADS TRANSMISSION-INBOARDS	General Automotive Repair Shops
1999	TADS TRANSMISSION	General Automotive Repair Shops
2000	TADS TRANSMISSION	General Automotive Repair Shops
2000	DAVES AUTOMOTIVE REPAIR SVC	Automotive Transmission Repair Shops
2001	DAVES AUTOMOTIVE REPAIR SVC	Automotive Transmission Repair Shops
2001	TADS TRANSMISSION	General Automotive Repair Shops
2002	DAVES AUTOMOTIVE REPAIR SVC	Automotive Transmission Repair Shops
2002	TADS TRANSMISSION	General Automotive Repair Shops
2003	DAVES AUTOMOTIVE REPAIR SVC	Automotive Transmission Repair Shops
2003	TADS TRANSMISSION	General Automotive Repair Shops
2004	TADS TRANSMISSION	General Automotive Repair Shops
2005	TADS TRANSMISSION	General Automotive Repair Shops

TADS TRANSMISSION (Continued) **1020279726**

2006	TADS TRANSMISSION	General Automotive Repair Shops
2007	TADS TRANSMISSION	General Automotive Repair Shops
2008	TADS TRANSMISSION	General Automotive Repair Shops
2009	TADS TRANSMISSION	General Automotive Repair Shops
2011	TADS TRANSMISSION	General Automotive Repair Shops
2012	TADS TRANSMISSION	General Automotive Repair Shops
2013	TADS TRANSMISSION	General Automotive Repair Shops
2014	TADS TRANSMISSION	General Automotive Repair Shops

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536 **CIRCLE K STORES INC** **EDR Hist Auto** **1020201733**
Target **2016 HIGHWAY 17 BYP S** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
19 ft.
Focus Map:
28

Year:	Name:	Type:
1997	TOSCO MARKETING COMPANY	Convenience Stores
1998	TOSCO MARKETING COMPANY INC	Convenience Stores
1999	TOSCO MARKETING COMPANY	Convenience Stores
2000	TOSCO MARKETING COMPANY	Convenience Stores
2001	TOSCO MARKETING COMPANY	Convenience Stores
2002	CIRCLE K STORES INC	Convenience Stores
2003	CIRCLE K STORES INC	Convenience Stores
2004	CIRCLE K STORES INC	Convenience Stores
2005	CIRCLE K STORES INC	Convenience Stores
2006	CIRCLE K STORES INC	Convenience Stores
2007	CIRCLE K STORES INC	Convenience Stores
2008	CIRCLE K STORES INC	Convenience Stores
2009	CIRCLE K STORES INC	Convenience Stores
2010	CIRCLE K STORES INC	Convenience Stores
2011	CIRCLE K STORES INC	Convenience Stores

---

537 **EASTON INDUSTRIES** **ECHO** **1016117656**
Target **550 PIEDMONT AVE.** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
15 ft.
Focus Map:
28

ECHO:

Envid:	1016117656
Registry ID:	110000353974
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000353974
Name:	EASTON INDUSTRIES
Address:	550 PIEDMONT AVE.
City,State,Zip:	MYRTLE BEACH, SC 29577

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538 **TIMMYS AUTOMOTIVE SALES & SVC** **EDR Hist Auto** **1021725535**
Target **600 SEABOARD ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
22 ft.
Focus Map:
28

Year:	Name:	Type:
2005	TIMMYS AUTOMOTIVE SALES & SER	General Automotive Repair Shops
2006	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops
2008	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops
2009	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops

TIMMYS AUTOMOTIVE SALES & SVC (Continued) **1021725535**

2010	ANTHONYS TRANSMISSION & AUTO	General Automotive Repair Shops
2010	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops
2011	ANTHONYS TRANSMISSION & AUTO	General Automotive Repair Shops
2011	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops
2012	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops
2012	ANTHONYS TRANSMISSION & AUTO	General Automotive Repair Shops
2013	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops
2014	TIMMYS AUTOMOTIVE SALES & SVC	General Automotive Repair Shops
2014	ROY TRANMISSION & AUTOCA	Automotive Transmission Repair Shops

---

539
Target Property
2301 HWY 501
MYRTLE BEACH, SC 29579

CDL **S116230203**
N/A

Actual:
22 ft.
Focus Map:
28

CDL 2:

Name:	Not reported
Address:	2301 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29579
Date Seized:	02/24/2014
Facility Detail:	Not reported
Lab Address:	2301 Hwy 501; Myrtle Beach 29579
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Lab-14-1397
Children Present:	Not reported
Lab Type:	2 One-Pots
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

Name:	Not reported
Address:	2301 HWY 501
City,State,Zip:	MYRTLE BEACH 29579, SC
Date Seized:	02/24/2014
Facility Detail:	Not reported
Lab Address:	2301 Hwy 501Myrtle Beach 29579
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

Name:	Not reported
Address:	2301 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29579
Date Seized:	02/24/2014
Facility Detail:	Not reported
Lab Address:	2301 Hwy 501; Myrtle Beach 29579
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Lab-14-1397

(Continued) **S116230203**

Children Present:	Not reported
Lab Type:	2 One-Pots
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

---

540 **HARPER PLUMBING** **LUST** **U003522131**
Target **1607 EXECUTIVE AVE** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.

Focus Map:
28

LUST:

Name:	HARPER PLUMBING
Address:	1607 EXECUTIVE AVE
City,State,Zip:	MYRTLE BEACH, SC 29557
Release Number:	1
Facility ID:	14128
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HARPER PLUMBING
Tank Owner Last Name:	HARPER PLUMBING
Tank Owner First name:	Not reported
NFA Date:	08/28/1995
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/23/1992
Release Date:	12/30/1991
EID:	1777216
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	HARPER PLUMBING
Local Fac First Name:	Not reported
User Name:	CORLEYHR
Cleanup Initiated Date:	03/23/1992
Prefix:	N
Total Score:	Not reported

UST:

Name:	HARPER PLUMBING
Address:	1607 EXECUTIVE AVE
City:	MYRTLE BEACH
Facility ID:	14128
Permit:	N 14128
Owner:	HARPER PLUMBING
Owner Address:	1607 EXECUTIVE AVE
Owner City, st, zip:	MYRTLE BEACH SC 29557
Owner Phone:	Not reported

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

DS541	**SHERWIN WILLIAMS CO 2032**	**ECHO**	**1016044471**
Target	**1626 PLAZA PLACE**		**N/A**
Property	**MYRTLE BEACH, SC 29577**		

Site 1 of 2 in cluster DS

Actual:
19 ft.

Focus Map:
29

ECHO:

Envid:	1016044471
Registry ID:	110054862378
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110054862378
Name:	SHERWIN WILLIAMS CO 2032
Address:	1626 PLAZA PLACE
City,State,Zip:	MYRTLE BEACH, SC 29577

DS542	**SHERWIN WILLIAMS CO 2032**	**RCRA-VSQG**	**1012188392**
Target	**1626 PLAZA PLACE**		**SCR000771527**
Property	**MYRTLE BEACH, SC 29577**		

Site 2 of 2 in cluster DS

Actual:
19 ft.

Focus Map:
29

RCRA Listings:

Date Form Received by Agency:	2012-02-13 00:00:00.0
Handler Name:	SHERWIN WILLIAMS CO 2032
Handler Address:	1626 PLAZA PLACE
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000771527
Contact Name:	APRIL URBAN
Contact Address:	PROSPECT AVE 333 REPUBLIC BLDG
Contact City,State,Zip:	CLEVELAND, OH 44115
Contact Telephone:	216-515-7850
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SAF & ENV MGR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PROSPECT AVE 333 REPUBLIC BLDG
Mailing City,State,Zip:	CLEVELAND, OH 44115
Owner Name:	KEVIN M MURRY
Owner Type:	Private
Operator Name:	SHERWIN WILLIAMS CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

SHERWIN WILLIAMS CO 2032 (Continued) **1012188392**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F035
Waste Description:	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE

SHERWIN WILLIAMS CO 2032 (Continued) **1012188392**

TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHERWIN WILLIAMS CO
Legal Status:	Private
Date Became Current:	2009-11-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	101 PROSPECT AVE
Owner/Operator City,State,Zip:	CLEVELAND, OH 44115
Owner/Operator Telephone:	216-515-7850
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN M MURRY
Legal Status:	Private
Date Became Current:	2009-11-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1406 COMMERCE PL
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-448-2515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHERWIN WILLIAMS CO
Legal Status:	Private
Date Became Current:	2009-11-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	101 PROSPECT AVE
Owner/Operator City,State,Zip:	CLEVELAND, OH 44115
Owner/Operator Telephone:	216-515-7850
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN M MURRY
Legal Status:	Private
Date Became Current:	2009-11-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1406 COMMERCE PL
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-448-2515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-11-24 00:00:00.0
Handler Name:	SHERWIN WILLIAMS CO 2032
Federal Waste Generator Description:	Small Quantity Generator

SHERWIN WILLIAMS CO 2032 (Continued) **1012188392**

State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-13 00:00:00.0
Handler Name:	SHERWIN WILLIAMS CO 2032
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

SHERWIN WILLIAMS CO 2032 (Continued) **1012188392**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-12-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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543 **GENERAL ELECTRIC CO.** **RCRA-VSQG** **1004780573**
Target **1620 STOCKHOLDER STREET** **ECHO** **SCD987583663**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.
Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2002-03-27 00:00:00.0
Handler Name:	GENERAL ELECTRIC CO.
Handler Address:	1620 STOCKHOLDER STREET
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD987583663
Contact Name:	GENE KING
Contact Address:	1620 STOCKHOLDER STREET
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	803-626-7411
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	STOCKHOLDER STREET
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	ALPHA OMEGA
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported

GENERAL ELECTRIC CO. (Continued) **1004780573**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

GENERAL ELECTRIC CO. (Continued) **1004780573**

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALPHA OMEGA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1200 SOUTH OCEAN BLVD.
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1991-10-17 00:00:00.0
Handler Name:	GENERAL ELECTRIC CO.
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	GENERAL ELECTRIC CO.
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

GENERAL ELECTRIC CO. (Continued) **1004780573**

ECHO:
Envid: 1004780573
Registry ID: 110002193965
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002193965
Name: GENERAL ELECTRIC COMPANY
Address: 1620 STOCKHOLDER STREET
City,State,Zip: MYRTLE BEACH, SC 29577

DT544 **COSTCO WHOLESALE 338** **UST** **U003908292**
Target **1021 OAK FOREST LN** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 3 in cluster DT

Actual:
22 ft.
Focus Map:
28

UST:
Name: COSTCO WHOLESALE 338
Address: 1021 OAK FOREST LN
City: MYRTLE BEACH
Facility ID: 18938
Permit: P 18938
Owner: COSTCO WHOLESALE CORPORATION
Owner Address: 999 LAKE DR
Owner City, st, zip: ISSAQUAH WA 98027
Owner Phone: 425-313-8545

Tank ID: 1
Status: **Currently in Use**
Capacity: 20000
Product: Gasoline RUL
Calcage: 0

Name: COSTCO WHOLESALE 338
Address: 1021 OAK FOREST LN
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 20000
Product: Gasoline RUL
Calcage: 0

Name: COSTCO WHOLESALE 338
Address: 1021 OAK FOREST LN
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 20000
Product: Gasoline Super/Prem
Calcage: 0

Name: COSTCO WHOLESALE 338
Address: 1021 OAK FOREST LN
City: MYRTLE BEACH

Tank ID: 4
Status: **Currently in Use**

COSTCO WHOLESALE 338 (Continued) **U003908292**

Capacity:	1500
Product:	Petroleum additive
Calcage:	0

DT545 Target Property	**COSTCO WHOLESALE 338 1021 OAK FOREST LN MYRTLE BEACH, SC 29577**	**ECHO**	**1007214079 N/A**

Site 2 of 3 in cluster DT

Actual: 22 ft.
Focus Map: 28

ECHO:

Envid:	1007214079
Registry ID:	110016712253
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110016712253
Name:	COSTCO WHOLESALE 338
Address:	1021 OAK FOREST LN
City,State,Zip:	MYRTLE BEACH, SC 29577

DT546 Target Property	**COSTCO WHOLESALE 338 1021 OAK FOREST LN MYRTLE BEACH, SC 29577**	**RCRA-SQG**	**1007119507 SCR000765081**

Site 3 of 3 in cluster DT

Actual: 22 ft.
Focus Map: 28

RCRA Listings:

Date Form Received by Agency:	2020-01-30 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Handler Address:	1021 OAK FOREST LN
Handler City,State,Zip:	MYRTLE BEACH, SC 29577-9795
EPA ID:	SCR000765081
Contact Name:	SHARON SAKNIT
Contact Address:	3207 GREY HAWK CT STE 200
Contact City,State,Zip:	CARLSBAD, CA 92010-6664
Contact Telephone:	425-416-2334
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3207 GREY HAWK CT STE 200
Mailing City,State,Zip:	CARLSBAD, CA 92010-6664
Owner Name:	COSTCO WHOLESALE CORP
Owner Type:	Private
Operator Name:	COSTCO WHOLESALE CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

COSTCO WHOLESALE 338 (Continued) **1007119507**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-31 15:25:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

COSTCO WHOLESALE 338 (Continued) **1007119507**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

COSTCO WHOLESALE 338 (Continued) **1007119507**

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 2003-12-12 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027
Owner/Operator Telephone: 425-313-8100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORP
Legal Status: Private
Date Became Current: 2003-12-12 00:00:00.
Date Ended Current: Not reported

COSTCO WHOLESALE 338 (Continued) **1007119507**

Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2003-12-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP

COSTCO WHOLESALE 338 (Continued) **1007119507**

Legal Status:	Private
Date Became Current:	2003-12-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2003-12-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COSTCO WHOLESALE 338 (Continued) **1007119507**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2003-12-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

COSTCO WHOLESALE 338 (Continued) **1007119507**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2003-12-12 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-11-19 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-05-05 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-02 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

COSTCO WHOLESALE 338 (Continued) **1007119507**

Receive Date:	2019-01-07 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2020-01-30 00:00:00.0
Handler Name:	COSTCO WHOLESALE 338
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	45291
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

COSTCO WHOLESALE 338 (Continued) **1007119507**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-12-30 00:00:00.0
Actual Return to Compliance Date: 2016-12-30 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

COSTCO WHOLESALE 338 (Continued) **1007119507**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2016-12-30 00:00:00.0
Actual Return to Compliance Date:	2017-01-09 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

COSTCO WHOLESALE 338 (Continued) **1007119507**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2007-09-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCMM
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-12-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCKM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-12-30 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2004-03-24 00:00:00.0
Evaluation Responsible Agency: State

COSTCO WHOLESALE 338 (Continued) **1007119507**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-12-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-01-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

DU547 **COBLE DAIRY MYRTLE BEACH** **LUST** **U003557839**
Target **HWY 501** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 3 in cluster DU

Actual:
22 ft.
Focus Map:
28

LUST:

Name:	COBLE DAIRY MYRTLE BEACH
Address:	HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29572
Release Number:	1
Facility ID:	13957
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	COBLE DAIRY
Tank Owner Last Name:	COBLE DAIRY
Tank Owner First name:	Not reported
NFA Date:	07/15/1993
Tank Owner City:	LEXINGTON
Confirmed Date:	07/15/1993
Release Date:	11/15/1990
EID:	1775799
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	COBLE DAIRY MYRTLE BEACH
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	07/15/1993
Prefix:	U
Total Score:	Not reported

COBLE DAIRY MYRTLE BEACH (Continued) **U003557839**

UST:

Name:	COBLE DAIRY MYRTLE BEACH
Address:	HWY 501
City:	MYRTLE BEACH
Facility ID:	13957
Permit:	U 13957
Owner:	COBLE DAIRY
Owner Address:	PO BOX 629
Owner City, st, zip:	LEXINGTON NC 27292-2534
Owner Phone:	704-249-9931
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	Not reported

DU548 **NATIONAL TIRE & BATTERY #8483** **ECHO** **1018380410**
Target **2075 HWY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster DU

Actual:
22 ft.
Focus Map:
28

ECHO:

Envid:	1018380410
Registry ID:	110069393098
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069393098
Name:	NATIONAL TIRE & BATTERY #8483
Address:	2075 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577

DU549 **NATIONAL TIRE & BATTERY #8483** **RCRA-VSQG** **1019326510**
Target **2075 HWY 501** **SCR000782649**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster DU

Actual:
22 ft.
Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2019-02-05 00:00:00.0
Handler Name:	NATIONAL TIRE & BATTERY #8483
Handler Address:	2075 HWY 501
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000782649
Contact Name:	AARON ENGI
Contact Address:	PROFESSIONAL CENTER DR STE 400
Contact City,State,Zip:	PALM BEACH GARDENS, FL 33410
Contact Telephone:	561-383-3000
Contact Fax:	Not reported
Contact Email:	EHS@TBCCORP.COM
Contact Title:	SR MGR OF SAFETY & HEALTH
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

NATIONAL TIRE & BATTERY #8483 (Continued) **1019326510**

Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PROFESSIONAL CENTER DR STE 400
Mailing City,State,Zip:	PALM BEACH GARDENS, FL 33410
Owner Name:	NTW LLC
Owner Type:	Private
Operator Name:	NTW LLC /NATIONAL TIRE & BATTERY NTB 483
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-11 15:09:57.0

NATIONAL TIRE & BATTERY #8483 (Continued) **1019326510**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NTW LLC /NATIONAL TIRE & BATTERY NTB 483
Legal Status:	Private
Date Became Current:	2016-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2840 PROFESSIONAL CENTER DR STE 400

NATIONAL TIRE & BATTERY #8483 (Continued) **1019326510**

Owner/Operator City,State,Zip:	PALM BEACH GARDEN, FL 33410
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NTW LLC
Legal Status:	Private
Date Became Current:	2016-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2840 PROFESSIONAL CENTER DR STE 400
Owner/Operator City,State,Zip:	PALM BEACH GARDEN, FL 33410
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NTW LLC
Legal Status:	Private
Date Became Current:	2016-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2840 PROFESSIONAL CENTER DR STE 400
Owner/Operator City,State,Zip:	PALM BEACH GARDEN, FL 33410
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NTW LLC /NATIONAL TIRE & BATTERY NTB 483
Legal Status:	Private
Date Became Current:	2016-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2840 PROFESSIONAL CENTER DR STE 400
Owner/Operator City,State,Zip:	PALM BEACH GARDEN, FL 33410
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-05-31 00:00:00.0
Handler Name:	NTW LLC D/B/A NATIONAL TIRE & BATTERY NTB 483
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-05 00:00:00.0

NATIONAL TIRE & BATTERY #8483 (Continued) **1019326510**

Handler Name:	NATIONAL TIRE & BATTERY #8483
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	81111
NAICS Description:	AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

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550 **AVX CORP SEABOARD WAREHOUSE** **ECHO** **1012109468**
Target **1900 HWY 501 E** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.

Focus Map:
28

ECHO:

Envid:	1012109468
Registry ID:	110038911103
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038911103
Name:	AVX CORP SEABOARD WAREHOUSE
Address:	1900 HWY 501 E
City,State,Zip:	MYRTLE BEACH, SC 29577

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551 **PRO CLEANERS LLC** **EDR Hist Cleaner** **1020067285**
Target **1405 HEMINGWAY ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Cleaner

Actual:
25 ft.

Focus Map:
29

Year:	Name:	Type:
2003	PRO CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2004	PRO CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2005	PRO CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2006	PRO CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2007	PRO CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC
2008	PRO CLEANERS LLC	Drycleaning Plants, Except Rugs, NEC

DV552 **Target Property** — **FEDERAL EXPRESS CORPORATION**, **1600 STOCKHOLDERS AVE.**, **MYRTLE BEACH, SC 29577** — **RCRA-VSQG** — **1001489881** **SCD987572138**

Site 1 of 4 in cluster DV

Actual: **19 ft.**
Focus Map: **28**

RCRA Listings:

Date Form Received by Agency:	1999-07-13 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORPORATION
Handler Address:	1600 STOCKHOLDERS AVE.
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD987572138
Contact Name:	LEWIS SHERRILL
Contact Address:	1600 STOCKHOLDERS AVE.
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-448-2334
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	STOCKHOLDERS AVE.
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	FDX CORP
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

FEDERAL EXPRESS CORPORATION (Continued) **1001489881**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FDX CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 727
Owner/Operator City,State,Zip:	MEMPHIS, TN 38194
Owner/Operator Telephone:	901-797-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-13 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORPORATION
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

FEDERAL EXPRESS CORPORATION (Continued) **1001489881**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH

FEDERAL EXPRESS CORPORATION (Continued) **1001489881**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

DV553 **FEDERAL EXPRESS CORPORATION MYRTLE BEACH** **ECHO** **1016117939**
Target **1600 STOCKHOLDERS AVE** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 4 in cluster DV

Actual:
19 ft.
Focus Map:
28

ECHO:

Envid:	1016117939
Registry ID:	110002193947
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193947
Name:	FEDERAL EXPRESS CORPORATION MYRTLE BEACH
Address:	1600 STOCKHOLDERS AVE
City,State,Zip:	MYRTLE BEACH, SC 29577

DV554 **HMIRS** **94050417**
Target **1600 STOCKHOLDER** **N/A**
Property **MYRTLE BEACH, SC**

Site 3 of 4 in cluster DV

Actual:
19 ft.
Focus Map:
28

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

DW555 **HOME DEPOT 1116** **RCRA-SQG** **1007571727**
Target **951 OAK FOREST LN** **SCR000766113**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster DW

Actual:
19 ft.
Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2020-01-22 00:00:00.0
Handler Name:	HOME DEPOT 1116
Handler Address:	951 OAK FOREST LN
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000766113
Contact Name:	ASHLEY CAMPBELL
Contact Address:	CHEMICAL RD
Contact City,State,Zip:	PASADENA, TX 77507
Contact Telephone:	713-985-5472
Contact Fax:	Not reported
Contact Email:	ASHLEY.CAMPBELL@STERICYCLE.COM

HOME DEPOT 1116 (Continued) **1007571727**

Contact Title:	ENV COMPLIANCE SPEC
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	CHEMICAL RD
Mailing City,State,Zip:	PASADENA, TX 77507
Owner Name:	THE HOME DEPOT USA
Owner Type:	Private
Operator Name:	THE HOME DEPOT USA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

HOME DEPOT 1116 (Continued) **1007571727**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-24 15:37:26.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: U002

HOME DEPOT 1116 (Continued) **1007571727**

Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code:	U279
Waste Description:	U279

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HOME DEPOT 1116 (Continued) **1007571727**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT 1116
Legal Status:	Private
Date Became Current:	2015-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	951 OAK FOREST LANE
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-916-2229
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported

HOME DEPOT 1116 (Continued) **1007571727**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT 1116
Legal Status:	Private
Date Became Current:	2015-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	951 OAK FOREST LANE
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-916-2229
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT 1116
Legal Status:	Private
Date Became Current:	2015-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	951 OAK FOREST LANE
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-916-2229
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD

HOME DEPOT 1116 (Continued) **1007571727**

Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE HOME DEPOT USA
Legal Status: Private
Date Became Current: 2004-08-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE HOME DEPOT 1116
Legal Status: Private
Date Became Current: 2015-01-29 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 951 OAK FOREST LANE
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-916-2229
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE HOME DEPOT USA
Legal Status: Private
Date Became Current: 2004-08-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: PP
Owner/Operator Name: THE HOME DEPOT USA
Legal Status: Private
Date Became Current: 2004-08-09 00:00:00.
Date Ended Current: 2015-01-29 00:00:00.
Owner/Operator Address: 2455 PACES FERRY RD
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE HOME DEPOT USA
Legal Status: Private

HOME DEPOT 1116 (Continued) **1007571727**

Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HOME DEPOT 1116 (Continued) **1007571727**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PP
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	2015-01-29 00:00:00.
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT 1116
Legal Status:	Private
Date Became Current:	2015-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	951 OAK FOREST LANE
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-916-2229
Owner/Operator Telephone Ext:	Not reported

HOME DEPOT 1116 (Continued) **1007571727**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD

HOME DEPOT 1116 (Continued) **1007571727**

Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT 1116
Legal Status:	Private
Date Became Current:	2015-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	951 OAK FOREST LANE
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-916-2229
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-08-09 00:00:00.0
Handler Name:	THE HOME DEPOT 1116
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-25 00:00:00.0

HOME DEPOT 1116 (Continued) **1007571727**

Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-19 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-10 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-04-08 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-25 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

HOME DEPOT 1116 (Continued) **1007571727**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-23 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-04 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-19 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-29 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

HOME DEPOT 1116 (Continued) **1007571727**

Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-01 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-26 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-05 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2019-01-28 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2020-01-22 00:00:00.0
Handler Name:	HOME DEPOT 1116
Federal Waste Generator Description:	Small Quantity Generator

HOME DEPOT 1116 (Continued) **1007571727**

State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

NAICS Code: 444110
NAICS Description: HOME CENTERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

HOME DEPOT 1116 (Continued) **1007571727**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2004-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-01-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM

HOME DEPOT 1116 (Continued) **1007571727**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

DW556 **THE HOME DEPOT 1116** **ECHO** **1007733232**
Target **951 OAK FOREST LN** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster DW

Actual:
19 ft.
Focus Map:
28

ECHO:

Envid:	1007733232
Registry ID:	110018901857
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018901857
Name:	THE HOME DEPOT 1116
Address:	951 OAK FOREST LN
City,State,Zip:	MYRTLE BEACH, SC 29577

DV557 **KENSEAL CONSTRUCTION** **ECHO** **1012109685**
Target **1580 STOCKHOLDER AVE STE 2** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 4 in cluster DV

Actual:
19 ft.
Focus Map:
28

ECHO:

Envid:	1012109685
Registry ID:	110038911112
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038911112
Name:	KENSEAL CONSTRUCTION
Address:	1580 STOCKHOLDER AVE STE 2
City,State,Zip:	MYRTLE BEACH, SC 29577

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558 **HARRELSON CONSTRUCTION COMPANY** **SHWS** **S108664281**
Target **2045 MINERAL SPRINGS RD** **N/A**
Property **CONWAY, SC 29527**

Actual:
14 ft.
Focus Map:
24

SHWS:

Name:	HARRELSON CONSTRUCTION COMPANY
Address:	2045 MINERAL SPRINGS RD
City,State,Zip:	CONWAY, SC 29527
EPA ID:	SCS123457090

559 **COBURG DAIRY INC** **LUST** **U003520334**
Target **2110 HWY 501** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
22 ft.

Focus Map:
28

LUST:

Name:	COBURG DAIRY INC
Address:	2110 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577-9760
Release Number:	1
Facility ID:	05014
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	COBURG DAIRY INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/20/1995
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/03/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	ANDERSPE
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	01/03/1992
Cleanup Complete Date:	03/20/1995
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	COBURG DAIRY LLC NORTH CHARLESTON
RP Address:	5001 LA CROSS RD
RP City:	N CHARLESTON
RP State:	SC
RP Zip:	29406
SCRBCA Class Code:	CLASS3BF
Project Manager:	ANDERSON, PAULA E
Release Fin Type Code:	QNW

UST:

Name:	COBURG DAIRY INC
Address:	2110 HWY 501
City:	MYRTLE BEACH
Facility ID:	05014
Permit:	N 05014
Owner:	COBURG DAIRY INC
Owner Address:	175 COBURG RD
Owner City, st, zip:	CHARLESTON SC 29407
Owner Phone:	803-556-4870

COBURG DAIRY INC (Continued) **U003520334**

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	Not reported

---

560 **NATIVE SONS** **RCRA-VSQG** **1001091392**
Target **1346 ENTERPRISE AVE** **ECHO** **SCR000002303**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	1996-01-19 00:00:00.0
Handler Name:	NATIVE SONS
Handler Address:	1346 ENTERPRISE AVE
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000002303
Contact Name:	STEVE TAYLOR
Contact Address:	1346 ENTERPRISE AVE
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	803-448-0585
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	ENTERPRISE AVE
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	STEVEN C TAYLOR
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

NATIVE SONS (Continued) **1001091392**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039

NATIVE SONS (Continued) **1001091392**

Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEVEN C TAYLOR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1346 ENTERPRISE AVE
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-01-19 00:00:00.0
Handler Name:	NATIVE SONS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

NATIVE SONS (Continued) **1001091392**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

NATIVE SONS (Continued) **1001091392**

Evaluation Action Summary:

Evaluation Date:	2000-05-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-08-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1001091392
Registry ID:	110002248032
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248032
Name:	NATIVE SONS
Address:	1346 ENTERPRISE AVE
City,State,Zip:	MYRTLE BEACH, SC 29577

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561 **ASPEN DENTAL** **RCRA-VSQG** **1016145012**
Target **1209 N RETAIL CT** **ECHO** **SCR000776989**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	2013-05-01 00:00:00.0
Handler Name:	ASPEN DENTAL
Handler Address:	1209 N RETAIL CT
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000776989
Contact Name:	STEPHANIE DONEGAN
Contact Address:	SANDERS CREEK PKWY
Contact City,State,Zip:	EAST SYRACUSE, NY 13057
Contact Telephone:	315-454-6000 1458
Contact Fax:	Not reported
Contact Email:	SDONEGAN@ASPENDENTAL.COM
Contact Title:	COMPLIANCE SPECIALIST
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported

ASPEN DENTAL (Continued) **1016145012**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	SANDERS CREEK PKWY
Mailing City,State,Zip:	EAST SYRACUSE, NY 13057
Owner Name:	SC DENTAL PC
Owner Type:	Private
Operator Name:	ASPEN DENTAL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

ASPEN DENTAL (Continued) **1016145012**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2013-05-08 10:04:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASPEN DENTAL
Legal Status:	Private
Date Became Current:	2013-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	281 SANDERS CREEK PKWY
Owner/Operator City,State,Zip:	EAST SYRACUSE, NY 13057
Owner/Operator Telephone:	315-454-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC DENTAL PC
Legal Status:	Private
Date Became Current:	2013-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	281 SANDERS CREEK PKWY
Owner/Operator City,State,Zip:	EAST SYRACUSE, NY 13057
Owner/Operator Telephone:	315-454-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2013-05-01 00:00:00.0
Handler Name:	ASPEN DENTAL
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

ASPEN DENTAL (Continued) **1016145012**

NAICS Code:	621210
NAICS Description:	OFFICES OF DENTISTS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-08-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ASPEN DENTAL (Continued) **1016145012**

ECHO:

Envid:	1016145012
Registry ID:	110055474017
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055474017
Name:	ASPEN DENTAL
Address:	1209 N RETAIL CT
City,State,Zip:	MYRTLE BEACH, SC 29577

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562 Target Property **WALMART SUPERCENTER 2712 540 SEABOARD ST MYRTLE BEACH, SC 29577** **RCRA-VSQG** **1001961999 SCR000074906**

Actual: 19 ft.

Focus Map: 28

RCRA Listings:

Date Form Received by Agency:	2020-02-20 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Handler Address:	540 SEABOARD ST
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000074906
Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	CASSIE.CLARK@WALMART.COM
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	WALMART STORES EAST LP
Owner Type:	Private
Operator Name:	WALMART STORES EAST LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-26 10:40:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Description:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	P001

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2002-02-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 702 SW 8TH ST
Owner/Operator City,State,Zip: BENTONVILLE, AR 72716-0555
Owner/Operator Telephone: 507-273-6756
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2002-02-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1300 SE 8TH ST
Owner/Operator City,State,Zip: BENTONVILLE, AR 72716

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-10-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Receive Date:	2002-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-12-31 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-01-30 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-01 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-11-05 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-31 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-29 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-23 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-27 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-06-10 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-30 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2020-02-20 00:00:00.0
Handler Name:	WALMART SUPERCENTER 2712
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	445291
NAICS Description:	BAKED GOODS STORES
NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

WALMART SUPERCENTER 2712 (Continued) **1001961999**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1999-12-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

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563 **COX MILLWORK & SUPPLY INC** **ECHO** **1007086039**
Target **1350 COMMERCE PLACE** **N/A**
Property **MYRTLE BEACH, SC 29577**

ECHO:
Envid: 1007086039
Actual: Registry ID: 110015653041
19 ft. DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110015653041
Focus Map: Name: COX MILLWORK & SUPPLY INC
28 Address: 1350 COMMERCE PLACE
City,State,Zip: MYRTLE BEACH, SC 29577

564 Target Property **MURPHY USA 7618**
865 OAK FOREST LN
MYRTLE BEACH, SC

UST **U004239871** **N/A**

Actual: 19 ft.
Focus Map: 28

UST:

Name:	MURPHY USA 7618
Address:	865 OAK FOREST LN
City:	MYRTLE BEACH
Facility ID:	19784
Permit:	P 19784
Owner:	MURPHY OIL USA INC
Owner Address:	200 E PEACH ST
Owner City, st, zip:	EL DORADO AR 71730
Owner Phone:	870-875-7600
Tank ID:	1
Status:	**Currently in Use**
Capacity:	25000
Product:	Gasoline RUL
Calcage:	0
Name:	MURPHY USA 7618
Address:	865 OAK FOREST LN
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	26000
Product:	Multiple petroleum
Calcage:	0

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565 Target Property **ROBERT O COLLINS/FORESTBROOK**
7600 HWY 544
CONWAY, SC 29528

ECHO **1006154710** **N/A**

Actual: 20 ft.
Focus Map: 26

ECHO:

Envid:	1006154710
Registry ID:	110006693248
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006693248
Name:	ROBERT O COLLINS/FORESTBROOK
Address:	7600 HWY 544
City,State,Zip:	CONWAY, SC 29528

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566 Target Property **HYATT AUTOMOTIVE GROUP LLC**
1953 HWY 501 WEST
MYRTLE BEACH, SC 29577

ECHO **1000337708** **SCD982116386**

Actual: 22 ft.
Focus Map: 28

ECHO:

Envid:	1000337708
Registry ID:	110002330344
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330344
Name:	TYSON SIGN SYSTEMS INCORPORATED
Address:	1953 HIGHWAY 501 WEST
City,State,Zip:	MYRTLE BEACH, SC 29577

567 Target Property — **MYRTLE BEACH CONVENTION CENTER**
21ST AVE N & OAK ST
MYRTLE BEACH, SC

LUST U001119443
UST N/A

Actual: 28 ft.
Focus Map: 29

LUST:

Name:	MYRTLE BEACH CONVENTION CENTER
Address:	21ST AVE N & OAK ST
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	15254
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	MYRTLE BEACH CITY OF
Tank Owner First name:	Not reported
NFA Date:	05/02/1994
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	05/02/1994
Release Date:	06/16/1993
EID:	1784437
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	MYRTLE BEACH CONVENTION CENTER
Local Fac First Name:	Not reported
User Name:	WHITEJL
Cleanup Initiated Date:	05/02/1994
Prefix:	N
Total Score:	Not reported

UST:

Name:	MYRTLE BEACH CONVENTION CENTER
Address:	21ST AVE N & OAK ST
City:	MYRTLE BEACH
Facility ID:	15254
Permit:	N 15254
Owner:	MYRTLE BEACH CITY OF
Owner Address:	PO BOX 2468
Owner City, st, zip:	MYRTLE BEACH SC 29578-2468
Owner Phone:	843-918-2160

Tank ID:	1
Status:	**Abandoned**
Capacity:	350
Product:	Gasoline
Calcage:	25

DX568 Target Property — **CANTY ROGERS**
3000 PIEDMONT AVE BLDG 4
MYRTLE BEACH, SC 29546

RCRA-VSQG 1001225611
ECHO SCR000006130

Site 1 of 2 in cluster DX

Actual: 19 ft.
Focus Map: 28

RCRA Listings:

Date Form Received by Agency:	1998-02-19 00:00:00.0
Handler Name:	CANTY ROGERS
Handler Address:	3000 PIEDMONT AVE BLDG 4

CANTY ROGERS (Continued) **1001225611**

Handler City,State,Zip:	MYRTLE BEACH, SC 29546
EPA ID:	SCR000006130
Contact Name:	CANTY ROGERS
Contact Address:	PO BOX 64
Contact City,State,Zip:	GRESHAM, SC 29546
Contact Telephone:	803-362-9997
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 64
Mailing City,State,Zip:	GRESHAM, SC 29546
Owner Name:	CANTY ROGERS
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

CANTY ROGERS (Continued) **1001225611**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CANTY ROGERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3000 PIEDMONT AVE
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29546
Owner/Operator Telephone:	803-362-9997
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-02-19 00:00:00.0
Handler Name:	CANTY ROGERS

CANTY ROGERS (Continued) **1001225611**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1998-03-11 00:00:00.0

CANTY ROGERS (Continued) **1001225611**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1001225611
Registry ID:	110007838457
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007838457
Name:	CANTY ROGERS
Address:	3000 PIEDMONT AVE BLDG 4
City,State,Zip:	MYRTLE BEACH, SC 29577

DX569 **THE BODY SHOP** **RCRA-VSQG** **1001225607**
Target **3001 PIEDMONT AVE** **ECHO** **SCR000006098**
Property **MYRTLE BEACH, SC 29477**

Site 2 of 2 in cluster DX

Actual:
19 ft.

Focus Map:
28

RCRA Listings:

Date Form Received by Agency:	1998-02-17 00:00:00.0
Handler Name:	THE BODY SHOP
Handler Address:	3001 PIEDMONT AVE
Handler City,State,Zip:	MYRTLE BEACH, SC 29477
EPA ID:	SCR000006098
Contact Name:	RICK THORNBURG
Contact Address:	3578 TOWNSEND LANE
Contact City,State,Zip:	CONWAY, SC 29527
Contact Telephone:	803-946-9682
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	TOWNSEND LANE
Mailing City,State,Zip:	CONWAY, SC 29527
Owner Name:	RICHARD THORNBURG
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No

THE BODY SHOP (Continued) **1001225607**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001

THE BODY SHOP (Continued) **1001225607**

Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: RICHARD THORNBURG
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3001 PIEDMONT AVE
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 803-946-9682
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1998-02-17 00:00:00.0
Handler Name: THE BODY SHOP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

THE BODY SHOP (Continued) **1001225607**

Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1998-03-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1001225607
Registry ID:	110002239836
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002239836
Name:	BODY SHOP THE
Address:	3001 PIEDMONT AVE
City,State,Zip:	MYRTLE BEACH, SC 29577

570 **SINGLE SOURCE INC** **ECHO** **1018396183**
Target **1306-B ENTERPRISE AVE** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.
Focus Map:
28

ECHO:

Envid:	1018396183
Registry ID:	110069512405
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069512405
Name:	SINGLE SOURCE INC
Address:	1306-B ENTERPRISE AVE
City,State,Zip:	MYRTLE BEACH, SC 29577

---

571 **PORTRAIT INNOVATIONS 196** **ECHO** **1014835924**
Target **1768 PINE ISLAND RD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.
Focus Map:
28

ECHO:

Envid:	1014835924
Registry ID:	110042191794
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110042191794
Name:	PORTRAIT INNOVATIONS 196
Address:	1768 PINE ISLAND RD
City,State,Zip:	MYRTLE BEACH, SC 29577

---

572 **CDL** **S116230146**
Target **1512 EXECUTIVE AVE** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.
Focus Map:
29

CDL 2:

Name:	Not reported
Address:	1512 EXECUTIVE AVE
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	02/19/2014
Facility Detail:	Not reported
Lab Address:	1512 Executive Ave; Myrtle Beach, SC
Lat/Longitude:	Not reported
Police Agency Name:	Horry County Sheriff’s Office
Lab Number:	Lab-14-1377
Children Present:	Not reported
Lab Type:	2 One-Pot
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

Name:	Not reported
Address:	1512 EXECUTIVE AVE
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	02/18/2014
Facility Detail:	Not reported
Lab Address:	1512 Executive AveMyrtle Beach, SC
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported

(Continued) **S116230146**

Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

Name:	Not reported
Address:	1512 EXECUTIVE AVE
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	05/01/2014
Facility Detail:	Not reported
Lab Address:	1512 Executive Ave; Myrtle Beach
Lat/Longitude:	Not reported
Police Agency Name:	Myrtle Beach PD
Lab Number:	Lab-14-1542
Children Present:	Not reported
Lab Type:	One-Pot
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

Name:	Not reported
Address:	1512 EXECUTIVE AVE
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	05/01/2014
Facility Detail:	Not reported
Lab Address:	1512 Executive Ave; Myrtle Beach
Lat/Longitude:	Not reported
Police Agency Name:	Myrtle Beach PD
Lab Number:	Lab-14-1542
Children Present:	Not reported
Lab Type:	One-Pot
Contractor Name:	Phillips Recoveries
Invoice Amount:	$4,450.00
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

Name:	Not reported
Address:	1512 EXECUTIVE AVE
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	02/19/2014
Facility Detail:	Not reported
Lab Address:	1512 Executive Ave; Myrtle Beach, SC
Lat/Longitude:	Not reported
Police Agency Name:	Horry County Sheriff's Office
Lab Number:	Lab-14-1377
Children Present:	Not reported
Lab Type:	2 One-Pot
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

573 **Target Property** — **BOSTAR BUILDING**, **1987 HWY 501**, **MYRTLE BEACH, SC** — **UST** — **U003629966** **N/A**

Actual: **19 ft.**
Focus Map: **28**

UST:

Name:	BOSTAR BUILDING
Address:	1987 HWY 501
City:	MYRTLE BEACH
Facility ID:	14443
Permit:	U 14443
Owner:	BOSTAR GENERAL PARTNERSHIP
Owner Address:	PO BOX 332
Owner City, st, zip:	MYRTLE BEACH SC 29578
Owner Phone:	803-448-9483

Tank ID:	1
Status:	**Last used before 1974 and empty**
Capacity:	1500
Product:	Gasoline
Calcage:	20

Name:	BOSTAR BUILDING
Address:	1987 HWY 501
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Last used before 1974 and empty**
Capacity:	10000
Product:	Gasoline
Calcage:	25

---

574 **Target Property** — **BADGER R BAZEN CO INC**, **1519 EXECUTIVE BLVD**, **MYRTLE BEACH, SC** — **LUST** **UST** **GWCI** — **U003519162** **N/A**

Actual: **19 ft.**
Focus Map: **29**

LUST:

Name:	BADGER R BAZEN CO INC
Address:	1519 EXECUTIVE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577-6501
Release Number:	1
Facility ID:	13249
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	BADGER R BAZEN CO INC
Tank Owner Last Name:	BADGER R BAZEN CO INC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	JOHNSONVILLE
Confirmed Date:	09/04/1991
Release Date:	06/19/1991
EID:	1774624
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5A
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	BADGER R BAZEN CO INC
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	09/04/1991

BADGER R BAZEN CO INC (Continued) **U003519162**

Prefix:	N
Total Score:	34

LUST:

Release Date:	06/19/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/04/1991
RP Name:	BADGER R BAZEN CO INC
RP Address:	PO BOX 870
RP City:	JOHNSONVILLE
RP State:	SC
RP Zip:	29555-0870
SCRBCA Class Code:	CLASS5A
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	BADGER R BAZEN CO INC
Address:	1519 EXECUTIVE BLVD
City:	MYRTLE BEACH
Facility ID:	13249
Permit:	N 13249
Owner:	BADGER R BAZEN CO INC
Owner Address:	PO BOX 870
Owner City, st, zip:	JOHNSONVILLE SC 29555-0870
Owner Phone:	803-386-3931

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

Name:	BADGER R BAZEN CO INC
Address:	1519 EXECUTIVE BLVD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

Name:	BADGER R BAZEN CO INC
Address:	1519 EXECUTIVE BLVD
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported

BADGER R BAZEN CO INC (Continued) **U003519162**

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	13249
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 13249. RBCA Classification 4BC6. Contacted.

---

575 **PERFORMANCE CHEVROLET** **ECHO** **1016185564**
Target **1887 HWY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
21 ft.

Focus Map:
35

ECHO:

Envid:	1016185564
Registry ID:	110002330399
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330399
Name:	PERFORMANCE CHEVROLET
Address:	1887 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577

DY576 **F & G INC** **EDR Hist Auto** **1020929059**
Target **2101 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster DY

Actual:
22 ft.

Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1969	F & G INC	Gasoline Service Stations
1970	F & G INC	Gasoline Service Stations
1971	F & G INC	Gasoline Service Stations
1972	F & G INC	Gasoline Service Stations
1973	F & G INC	Gasoline Service Stations
1974	F & G INCORPORATED	Gasoline Service Stations
1975	F & G INCORPORATED	Gasoline Service Stations
1976	F & G INCORPORATED	Gasoline Service Stations
1977	F & G INCORPORATED	Gasoline Service Stations
1978	F & G INCORPORATED	Gasoline Service Stations
1979	F & G INCORPORATED	Gasoline Service Stations
1980	F & G INCORPORATED	Gasoline Service Stations
1982	F & G INCORPORATED	Gasoline Service Stations
1983	F & G INCORPORATED	Gasoline Service Stations
1985	F & G INCORPORATED	Gasoline Service Stations
1987	F & G INCORPORATED	Carwashes

DY577 **F&G INC** **UST** **U003521152**
Target **2101 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster DY

Actual:
22 ft.

Focus Map:
36

UST:

Name: F&G INC
Address: 2101 N KINGS HWY
City: MYRTLE BEACH
Facility ID: 05094
Permit: N 05094
Owner: EXXON MOBIL
Owner Address: 4045 SCENIC HWY
Owner City, st, zip: BATON ROUGE LA 70805
Owner Phone: 303-986-8011

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: F&G INC
Address: 2101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: F&G INC

F&G INC (Continued) **U003521152**

Address: 2101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: F&G INC
Address: 2101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: F&G INC
Address: 2101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: F&G INC
Address: 2101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 6
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

---

578 **CAROLINA WATERWAY PLANTATION** **ECHO** **1016028859**
Target **1805 N OAK ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
28 ft.

Focus Map:
36

ECHO:
Envid: 1016028859
Registry ID: 110044960496
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110044960496
Name: CAROLINA WATERWAY PLANTATION
Address: 1805 N OAK ST
City,State,Zip: MYRTLE BEACH, SC 29577

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
DZ579 Target Property	**FAMILY DOLLAR 10 1105 NORTH KING HWY MYRTLE BEACH, SC 29577**	**RCRA-VSQG**	**1018160154 SCR000778977**

Site 1 of 2 in cluster DZ

Actual: **25 ft.**
Focus Map: **36**

RCRA Listings:

Date Form Received by Agency:	2015-03-20 00:00:00.0
Handler Name:	FAMILY DOLLAR 10
Handler Address:	1105 NORTH KING HWY
Handler City,State,Zip:	MYRTLE BEACH, SC 29577-3632
EPA ID:	SCR000778977
Contact Name:	KEVIN STRAIGHT
Contact Address:	PO BOX 1017
Contact City,State,Zip:	CHARLOTTE, NC 29577-3632
Contact Telephone:	704-708-1909
Contact Fax:	Not reported
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Title:	PROGRAM MANAGER ENV COMPLIANCE
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1017
Mailing City,State,Zip:	CHARLOTTE, NC 29577-3632
Owner Name:	FAMILY DOLLAR STORES
Owner Type:	Private
Operator Name:	FAMILY DOLLAR STORES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

FAMILY DOLLAR 10 (Continued) **1018160154**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-06-10 12:32:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM

FAMILY DOLLAR 10 (Continued) **1018160154**

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2015-03-20 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2015-03-20 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-03-20 00:00:00.0
Handler Name: FAMILY DOLLAR 10
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45299

FAMILY DOLLAR 10 (Continued) **1018160154**

NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

DZ580 **FAMILY DOLLAR 10** **ECHO** **1018124213**
Target **1105 NORTH KING HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster DZ

Actual:
25 ft.

Focus Map:
36

ECHO:

Envid:	1018124213
Registry ID:	110064676471
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064676471
Name:	FAMILY DOLLAR 10
Address:	1105 NORTH KING HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

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581 **MYRTLE BEACH CHEVROLET** **RCRA-VSQG** **1000992012**
Target **1785 HWY 501** **SCR000000331**
Property **MYRTLE BEACH, SC 29577**

Actual:
22 ft.

Focus Map:
35

RCRA Listings:

Date Form Received by Agency:	2009-07-01 00:00:00.0
Handler Name:	MYRTLE BEACH CHEVROLET
Handler Address:	1785 HWY 501
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000000331
Contact Name:	JIMMY TRUETT SR
Contact Address:	HWY 501
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-448-3105
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	LUIS RODRIQUEZ
Owner Type:	Private
Operator Name:	LUIS RODRIQUEZ

MYRTLE BEACH CHEVROLET (Continued) **1000992012**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

MYRTLE BEACH CHEVROLET (Continued) **1000992012**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUIS RODRIQUEZ
Legal Status:	Private
Date Became Current:	2008-01-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1785 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-3105
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUIS RODRIQUEZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1785 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-3105
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUIS RODRIQUEZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1785 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-3105
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUIS RODRIQUEZ
Legal Status:	Private

MYRTLE BEACH CHEVROLET (Continued) **1000992012**

Date Became Current:	2008-01-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1785 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-3105
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUIS RODRIQUEZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1785 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-3105
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-03-08 00:00:00.0
Handler Name:	PERFORMANCE CHEVROLET & GEO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-17 00:00:00.0
Handler Name:	MYRTLE BEACH CHEVROLET
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-07-01 00:00:00.0
Handler Name:	MYRTLE BEACH CHEVROLET
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

MYRTLE BEACH CHEVROLET (Continued) **1000992012**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

MYRTLE BEACH CHEVROLET (Continued) **1000992012**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-02-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

582 **Target** **Property**	**NATIONAL COATINGS AND SUPPLIES** **633 ROBERT GRISSOM PARKWAY** **MYRTLE BEACH, SC 29577**	**RCRA-VSQG** **ECHO**	**1017788972** **SCR000780106**

Actual:
19 ft.

Focus Map:
35

RCRA Listings:

Date Form Received by Agency:	2015-03-23 00:00:00.0
Handler Name:	NATIONAL COATINGS AND SUPPLIES
Handler Address:	633 ROBERT GRISSOM PARKWAY
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000780106
Contact Name:	BARNEY MORGAN
Contact Address:	ROBERT GRISSOM PARKWAY
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-399-4433
Contact Fax:	Not reported
Contact Email:	BARNEY.MORGAN@NCS-COATINGS.COM
Contact Title:	STORE MANAGAER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	ROBERT GRISSOM PARKWAY
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	NATIONAL COATINGS AND SUPPLIES
Owner Type:	Private
Operator Name:	NATIONAL COATINGS AND SUPPLIES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

NATIONAL COATINGS AND SUPPLIES (Continued) **1017788972**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-03-23 15:45:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NATIONAL COATINGS AND SUPPLIES
Legal Status:	Private
Date Became Current:	2015-02-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4900 FALLS OF NEUSE STE 150
Owner/Operator City,State,Zip:	RALEIGH, NC 27609
Owner/Operator Telephone:	919-573-2900
Owner/Operator Telephone Ext:	Not reported

NATIONAL COATINGS AND SUPPLIES (Continued) **1017788972**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NATIONAL COATINGS AND SUPPLIES
Legal Status:	Private
Date Became Current:	2015-02-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4900 FALLS OF NEUSE STE 150
Owner/Operator City,State,Zip:	RALEIGH, NC 27609
Owner/Operator Telephone:	919-573-2900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-03-23 00:00:00.0
Handler Name:	NATIONAL COATINGS AND SUPPLIES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1017788972
Registry ID:	110064012839
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064012839
Name:	NATIONAL COATINGS AND SUPPLIES
Address:	633 ROBERT GRISSOM PARKWAY
City,State,Zip:	MYRTLE BEACH, SC 29577

583 **HAMMOND WOOD RECYCLING #2** **SWF/LF** **S108237929**
Target **N/A**
Property **HORRY (County), SC**

Actual: 18 ft.
Focus Map: 33

LF:

Name:	HAMMOND WOOD RECYCLING #2
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	262660-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	683419.0625
UTM-N:	3730888.75
Contact Name:	Not reported
Contact Phone:	Not reported

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584 **QUALITY COLLSION** **RCRA-VSQG** **1006811503**
Target **1560 HWY 501** **ECHO** **SCR000764118**
Property **MYRTLE BEACH, SC 29577**

Actual: 22 ft.
Focus Map: 35

RCRA Listings:

Date Form Received by Agency:	2009-03-05 00:00:00.0
Handler Name:	QUALITY COLLSION
Handler Address:	1560 HWY 501
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000764118
Contact Name:	RHONDA SMITH
Contact Address:	HWY 501
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-946-6753
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 501
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	TONY SMITH
Owner Type:	Private
Operator Name:	TONY SMITH
Operator Type:	Private

QUALITY COLLSION (Continued) **1006811503**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

QUALITY COLLSION (Continued) **1006811503**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TONY SMITH
Legal Status:	Private
Date Became Current:	2003-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1560 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-946-6753
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TONY SMITH
Legal Status:	Private
Date Became Current:	2003-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1560 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-946-6753
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TONY SMITH
Legal Status:	Private
Date Became Current:	2003-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1560 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-946-6753
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TONY SMITH
Legal Status:	Private
Date Became Current:	2003-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1560 HWY 501
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-946-6753
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-03-05 00:00:00.0
Handler Name:	QUALITY COLLSION
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

QUALITY COLLSION (Continued) **1006811503**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-05 00:00:00.0
Handler Name:	QUALITY COLLSION
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1006811503
Registry ID:	110014362876
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110014362876
Name:	QUALITY COLLSION
Address:	1560 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577

EA585 **CIRCLE K 2720909** **UST** **U003524157**
Target **1695 HWY 501 W** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 2 in cluster EA

Actual:
22 ft.
Focus Map:
35

UST:

Name:	CIRCLE K 2720909
Address:	1695 HWY 501 W
City:	MYRTLE BEACH
Facility ID:	17987
Permit:	P 17987
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

CIRCLE K 2720909 (Continued) **U003524157**

Tank ID:	1
Status:	**Currently in Use**
Capacity:	25000
Product:	Multiple petroleum
Calcage:	0

EA586 **PANTRY INC** **EDR Hist Auto** **1021812942**
Target **1695 HIGHWAY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster EA

Actual:
22 ft.

EDR Hist Auto

Focus Map:
35

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

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587 **ATLANTIS ASSOCIATION INC** **UST** **U003519098**
Target **400 20TH AVE N** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
25 ft.

Focus Map:
36

UST:

Name:	ATLANTIS ASSOCIATION INC
Address:	400 20TH AVE N
City:	MYRTLE BEACH
Facility ID:	18017
Permit:	N 18017
Owner:	ATLANTIS ASSOCIATION INC
Owner Address:	400 20TH AVE N
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-448-6404

Tank ID:	1
Status:	**Abandoned**
Capacity:	550
Product:	Diesel fuel
Calcage:	25

EB588 **M & J OVERTON INC** **EDR Hist Auto** **1020746724**
Target **7010 HIGHWAY 544** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster EB

Actual:
21 ft.

Focus Map:
33

EDR Hist Auto

Year:	Name:	Type:
1988	M & J OVERTON INC	Grocery Stores
1989	M & J OVERTON INC	Convenience Stores
1990	M & J OVERTON INC	Convenience Stores
1991	M & J OVERTON INC	Convenience Stores
1992	M & J OVERTON INC	Convenience Stores

EB589 **CASH & DASH** **LUST** **U003629594**
Target **7010 HWY 544 NEAR SOCASTEE** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 2 of 2 in cluster EB

Actual:
21 ft.

Focus Map:
33

LUST:

Name:	CASH & DASH
Address:	7010 HWY 544 NEAR SOCASTEE
City,State,Zip:	MYRTLE BEACH, SC 29572
Release Number:	1
Facility ID:	12901
Release Status Number:	10
Substance:	PETRO
Tank Owner Company Name:	YAM CITY OIL & GAS CO
Tank Owner Last Name:	YAM CITY OIL & GAS CO
Tank Owner First name:	Not reported
NFA Date:	02/14/2003
Tank Owner City:	TABOR CITY
Confirmed Date:	04/15/1992
Release Date:	12/30/1991
EID:	1772961
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CASH & DASH
Local Fac First Name:	Not reported
User Name:	MILENKMP
Cleanup Initiated Date:	04/15/1992
Prefix:	P
Total Score:	9

LUST:

Release Date:	04/11/2003
Cleanup Complete Date:	09/01/2010
Depth to Ground Water:	5.120
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	04/24/2003
RP Name:	YAM CITY OIL & GAS CO
RP Address:	PO BOX 715
RP City:	TABOR CITY
RP State:	NC

CASH & DASH (Continued) **U003629594**

RP Zip:	28463-0715
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

Release Date:	12/30/1991
Cleanup Complete Date:	06/20/2002
Depth to Ground Water:	10
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	04/15/1992
RP Name:	YAM CITY OIL & GAS CO
RP Address:	PO BOX 715
RP City:	TABOR CITY
RP State:	NC
RP Zip:	28463-0715
SCRBCA Class Code:	CLASS3BF
Project Manager:	MILENKOVA, MAIA P
Release Fin Type Code:	WS

Name:	CASH & DASH
Address:	7010 HWY 544 NEAR SOCASTEE
City,State,Zip:	MYRTLE BEACH, SC 29572
Release Number:	2
Facility ID:	12901
Release Status Number:	10
Substance:	PETROL
Tank Owner Company Name:	YAM CITY OIL & GAS CO
Tank Owner Last Name:	YAM CITY OIL & GAS CO
Tank Owner First name:	Not reported
NFA Date:	09/01/2010
Tank Owner City:	TABOR CITY
Confirmed Date:	04/15/1992
Release Date:	04/11/2003
EID:	1772961
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CASH & DASH
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	04/24/2003
Prefix:	P
Total Score:	0

LUST:

Release Date:	04/11/2003
Cleanup Complete Date:	09/01/2010
Depth to Ground Water:	5.120
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	04/24/2003
RP Name:	YAM CITY OIL & GAS CO
RP Address:	PO BOX 715
RP City:	TABOR CITY

CASH & DASH (Continued) **U003629594**

RP State: NC
RP Zip: 28463-0715
SCRBCA Class Code: CLASS3BF
Project Manager: RIDGLEY, CATHLEEN T
Release Fin Type Code: W25

Release Date: 12/30/1991
Cleanup Complete Date: 06/20/2002
Depth to Ground Water: 10
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 04/15/1992
RP Name: YAM CITY OIL & GAS CO
RP Address: PO BOX 715
RP City: TABOR CITY
RP State: NC
RP Zip: 28463-0715
SCRBCA Class Code: CLASS3BF
Project Manager: MILENKOVA, MAIA P
Release Fin Type Code: WS

UST:
Name: CASH & DASH
Address: 7010 HWY 544 NEAR SOCASTEE
City: MYRTLE BEACH
Facility ID: 12901
Permit: P 12901
Owner: YAM CITY OIL & GAS CO
Owner Address: PO BOX 715
Owner City, st, zip: TABOR CITY NC 28463-0715
Owner Phone: 910-653-2053

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 10

Name: CASH & DASH
Address: 7010 HWY 544 NEAR SOCASTEE
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 10

Name: CASH & DASH
Address: 7010 HWY 544 NEAR SOCASTEE
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 12000
Product: Gasoline

CASH & DASH (Continued) **U003629594**

Calcage: 0

Name: CASH & DASH
Address: 7010 HWY 544 NEAR SOCASTEE
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	12901
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 12901. RBCA Classification 5A1. Conducting investigation/Risk Assessment.

EC590 **AMERICAN CONCRETE PRODUCTS HWY 501-CLOSD** **ECHO** **1012092932**
Target **HWY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster EC

Actual:
22 ft.
Focus Map:
35

ECHO:

Envid:	1012092932
Registry ID:	110038798236
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038798236
Name:	AMERICAN CONCRETE PRODUCTS HWY 501-CLOSD
Address:	HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577

EC591 **TRASH REMOVAL SERVICE OF MYRTLE BEACH** **ECHO** **1005853698**
Target **HIGHWAY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster EC

Actual:
22 ft.
Focus Map:
35

ECHO:

Envid:	1005853698
Registry ID:	110008565445
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008565445
Name:	TRASH REMOVAL SERVICE OF MYRTLE BEACH
Address:	HIGHWAY 501
City,State,Zip:	MYRTLE BEACH, SC 29577

ED592 **SOUTHERN COPYROLL** **ECHO** **1017385842**
Target **1201 MR JOE WHITE AV** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster ED

Actual:
24 ft.
Focus Map:
36

ECHO:

Envid:	1017385842
Registry ID:	110062742288
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110062742288
Name:	SOUTHERN COPYROLL
Address:	1201 MR JOE WHITE AV
City,State,Zip:	MYRTLE BEACH, SC 29577

ED593 **STRAND LINEN INC** **UST** **U003525658**
Target **1201 TENTH AVE N** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster ED

Actual:
24 ft.
Focus Map:
36

UST:

Name:	STRAND LINEN INC
Address:	1201 TENTH AVE N
City:	MYRTLE BEACH
Facility ID:	12096
Permit:	N 12096
Owner:	HYAMS, W M
Owner Address:	4312 CEDAR DR
Owner City, st, zip:	PAWLEY S ISLAND SC 29585-5008

STRAND LINEN INC (Continued) **U003525658**

Owner Phone:	803-237-8569
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	Not reported

594
Target
Property

FOOD DEPOT
1101 TENTH AVE N
MYRTLE BEACH, SC

LUST
UST
GWCI

U004017361
N/A

Actual:
25 ft.

Focus Map:
36

LUST:

Name:	FOOD DEPOT
Address:	1101 TENTH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577-5609
Release Number:	1
Facility ID:	12540
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	CAMPBELL, ALBERTHA
Tank Owner Last Name:	CAMPBELL
Tank Owner First name:	ALBERTHA
NFA Date:	09/14/2010
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	11/05/1992
Release Date:	10/08/1992
EID:	1771151
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	FOOD DEPOT
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	11/05/1992
Prefix:	P
Total Score:	0

LUST:

Release Date:	10/08/1992
Cleanup Complete Date:	09/14/2010
Depth to Ground Water:	6.870
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	11/05/1992
RP Name:	OWENS GROUP
RP Address:	PO BOX 1408
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

FOOD DEPOT (Continued) **U004017361**

UST:

Name:	FOOD DEPOT
Address:	1101 TENTH AVE N
City:	MYRTLE BEACH
Facility ID:	12540
Permit:	P 12540
Owner:	CAMPBELL, ALBERTHA
Owner Address:	1101 TENTH AVE N
Owner City, st, zip:	MYRTLE BEACH SC 29577-5609
Owner Phone:	000-000-0000

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	0

Name:	FOOD DEPOT
Address:	1101 TENTH AVE N
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline Plus
Calcage:	0

Name:	FOOD DEPOT
Address:	1101 TENTH AVE N
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	0

Name:	FOOD DEPOT
Address:	1101 TENTH AVE N
City:	MYRTLE BEACH

Tank ID:	4
Status:	**Abandoned**
Capacity:	2000
Product:	Kerosene
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	12540
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO

FOOD DEPOT (Continued) **U004017361**

Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 12540. RBCA Classification 2BA1. Conducting investigation/Risk Assessment.

EE595 **SHERWIN WILLIAMS COMPANY** **ECHO** **1016185128**
Target **1611 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 4 in cluster EE

Actual:
28 ft.

Focus Map:
36

ECHO:

Envid:	1016185128
Registry ID:	110002247881
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247881
Name:	SHERWIN WILLIAMS COMPANY
Address:	1611 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

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596 **CDL** **S113669383**
Target **29577 1559 CANNON RD,** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
22 ft.

Focus Map:
35

CDL 2:

Name:	Not reported
Address:	29577 1559 CANNON RD,
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	03/30/2012
Facility Detail:	Not reported
Lab Address:	29577 1559 Cannon Rd, Myrtle Beach, SC
Lat/Longitude:	Not reported

(Continued) **S113669383**

Police Agency Name:	Myrtle Beach Police Department
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

EF597 **501 AMOCO** **LUST** **U003628722**
Target **1432 HWY 501** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 1 of 4 in cluster EF

Actual:
22 ft.

Focus Map:
36

LUST:

Name:	501 AMOCO
Address:	1432 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29566
Release Number:	1
Facility ID:	05156
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HUCKS PLAZA
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/31/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/23/1992
Prefix:	Not reported
Total Score:	300300

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	6.080
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	HUCKS PLAZA
RP Address:	1102 3RD AVE S
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M

501 AMOCO (Continued) **U003628722**

Release Fin Type Code: WS

UST:

Name:	501 AMOCO
Address:	1432 HWY 501
City:	MYRTLE BEACH
Facility ID:	05156
Permit:	N 05156
Owner:	HUCKS PLAZA
Owner Address:	1121 SIMONTON DR
Owner City, st, zip:	WATKINSVILLE GA 30677
Owner Phone:	803-236-8643

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	501 AMOCO
Address:	1432 HWY 501
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10

Name:	501 AMOCO
Address:	1432 HWY 501
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline
Calcage:	10

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05156
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False

501 AMOCO (Continued) **U003628722**

Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05156. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

EF598 **WESS PHILLIP 66** **EDR Hist Auto** **1021030569**
Target **1432 HW 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 4 in cluster EF

Actual: EDR Hist Auto
22 ft.

Focus Map:
36

Year:	Name:	Type:
1986	WESS PHILLIP 66	Gasoline Service Stations
1987	WESS PHILLIP 66	Gasoline Service Stations
1988	WESS PHILLIP 66	Gasoline Service Stations
2001	R & R AUTOMOTIVE	General Automotive Repair Shops
2002	R & R AUTOMOTIVE	General Automotive Repair Shops
2003	R & R AUTOMOTIVE	General Automotive Repair Shops
2005	R & R AUTOMOTIVE	General Automotive Repair Shops
2006	R & R AUTOMOTIVE	General Automotive Repair Shops
2007	R & R AUTOMOTIVE	General Automotive Repair Shops
2007	BEST BY AUTO SHOP	General Automotive Repair Shops
2008	R & R AUTOMOTIVE	General Automotive Repair Shops
2008	BEST BY AUTO SHOP	General Automotive Repair Shops

EE599 **SNJ MARKET** **UST** **U004254088**
Target **1601 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 4 in cluster EE

Actual: UST:
27 ft.

Focus Map:
36

Name:	SNJ MARKET
Address:	1601 N KINGS HWY
City:	MYRTLE BEACH
Facility ID:	13148

SNJ MARKET (Continued) **U004254088**

Permit:	P 13148
Owner:	G J CREEL & SONS INC
Owner Address:	708 12TH AVE
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-248-9113
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

EE600 **SNJ MARKET** **LUST** **U003714933**
Target **1601 N KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 3 of 4 in cluster EE

Actual:
27 ft.

Focus Map:
36

LUST:

Name:	SNJ MARKET
Address:	1601 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-3642
Release Number:	1
Facility ID:	05174
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PATEL, HARESH
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	10/10/2000
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/18/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DEVOREJA
Cleanup Initiated Date:	01/08/1990
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	07/18/1989
Cleanup Complete Date:	10/10/2000
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	01/08/1990
RP Name:	G J CREEL & SONS INC
RP Address:	708 12TH AVE
RP City:	CONWAY
RP State:	SC
RP Zip:	29526

SNJ MARKET (Continued) **U003714933**

SCRBCA Class Code: CLASS3BF
Project Manager: DEVORE, JAMES A
Release Fin Type Code: WS

UST:

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH
Facility ID: 05174
Permit: P 05174
Owner: PATEL, HARESH
Owner Address: 1601 N KINGS HWY
Owner City, st, zip: MYRTLE BEACH SC 29577-3642
Owner Phone: 843-617-2323

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 10
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 11
Status: **Currently in Use**
Capacity: 10000
Product: Diesel fuel
Calcage: 0

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 12
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 0

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 2

SNJ MARKET (Continued) **U003714933**

Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 10

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 6
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 7
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: SNJ MARKET
Address: 1601 N KINGS HWY

SNJ MARKET (Continued) **U003714933**

City: MYRTLE BEACH

Tank ID: 8
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 15

Name: SNJ MARKET
Address: 1601 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 9
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

EE601 **ADAMS GULF SERVICE STATION** **EDR Hist Auto** **1020347070**
Target **1601 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 4 in cluster EE

Actual: EDR Hist Auto
27 ft.

Focus Map:
36

Year:	Name:	Type:
1969	ADAMS EDWARD C	Gasoline Service Stations
1970	ADAMS EDWARD C	Gasoline Service Stations
1975	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1976	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1977	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1978	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1979	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1980	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1982	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1983	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1985	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1986	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1987	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1988	ADAMS GULF SERVICE STATION	Gasoline Service Stations
1989	ADAMS GULF SERVICE STATION	Gasoline Service Stations, NEC
1990	ADAMS GULF SERVICE STATION	Gasoline Service Stations, NEC
2003	QUIK MART	Convenience Stores
2004	QUIK MART	Convenience Stores
2005	QUIK MART	Convenience Stores
2006	QUIK MART	Convenience Stores
2007	QUIK MART	Convenience Stores
2008	QUIK MART	Convenience Stores
2009	QUIK MART	Convenience Stores
2010	QUIK MART	Convenience Stores
2011	QUIK MART	Convenience Stores
2012	QUIK MART	Convenience Stores
2013	QUIK MART	Convenience Stores
2014	QUIK MART	Convenience Stores

EF602	**PANTRY 3226 DBA FOOD CHIEF**	**LUST**	**U003796623**
Target	**1455 HWY 501**	**UST**	**N/A**
Property	**MYRTLE BEACH, SC**	**GWCI**	

Site 3 of 4 in cluster EF

Actual:
22 ft.

Focus Map:
36

LUST:

Name:	PANTRY 3226 DBA FOOD CHIEF
Address:	1455 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05232
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/06/2005
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/07/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	11/03/1989
Prefix:	Not reported
Total Score:	45

LUST:

Release Date:	07/07/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	11/03/1989
RP Name:	DILMAR OIL CO INC
RP Address:	401 S MARION ST
RP City:	LATTA
RP State:	SC
RP Zip:	29565
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

Release Date:	06/29/2001
Cleanup Complete Date:	10/30/2002
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	S
Release Number:	2
Confirmed date:	07/17/2001
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC

PANTRY 3226 DBA FOOD CHIEF (Continued) **U003796623**

RP Zip:	27330
SCRBCA Class Code:	CLASS5B
Project Manager:	ANDERSON, PAULA E
Release Fin Type Code:	W25

Name:	PANTRY 3226 DBA FOOD CHIEF
Address:	1455 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	2
Facility ID:	05232
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	10/30/2002
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/29/2001
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	ANDERSPE
Cleanup Initiated Date:	07/17/2001
Prefix:	Not reported
Total Score:	232

LUST:

Release Date:	07/07/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	11/03/1989
RP Name:	DILMAR OIL CO INC
RP Address:	401 S MARION ST
RP City:	LATTA
RP State:	SC
RP Zip:	29565
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

Release Date:	06/29/2001
Cleanup Complete Date:	10/30/2002
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	S
Release Number:	2
Confirmed date:	07/17/2001
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD

PANTRY 3226 DBA FOOD CHIEF (Continued) **U003796623**

RP State: NC
RP Zip: 27330
SCRBCA Class Code: CLASS5B
Project Manager: ANDERSON, PAULA E
Release Fin Type Code: W25

UST:
Name: PANTRY 3226 DBA FOOD CHIEF
Address: 1455 HWY 501
City: MYRTLE BEACH
Facility ID: 05232
Permit: R 05232
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: PANTRY 3226 DBA FOOD CHIEF
Address: 1455 HWY 501
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: PANTRY 3226 DBA FOOD CHIEF
Address: 1455 HWY 501
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: 5

Name: PANTRY 3226 DBA FOOD CHIEF
Address: 1455 HWY 501
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 5

SC GWIC:
Bureau: BLWM

PANTRY 3226 DBA FOOD CHIEF (Continued) **U003796623**

EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05232
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05232. RBCA Classification 3BF3. Monitored Natural Attenuation.

EG603 **J W S ENTERPRISES** **EDR Hist Auto** **1021313414**
Target **1350 HIGHWAY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster EG

Actual: EDR Hist Auto
19 ft.

Focus Map:
36

Year:	Name:	Type:
1998	J W S ENTERPRISES	Grocery Stores
1999	J W S ENTERPRISES	Grocery Stores
2000	J W S ENTERPRISES	Grocery Stores
2001	J W S ENTERPRISES	Grocery Stores
2002	J W S ENTERPRISES	Grocery Stores

EG604 **PHOENIXX MART** **UST** **U003629836**
Target **1350 HWY 501** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster EG

Actual:
19 ft.
Focus Map:
36

UST:

Name:	PHOENIXX MART
Address:	1350 HWY 501
City:	MYRTLE BEACH
Facility ID:	17388
Permit:	P 17388
Owner:	HABIBIS MEDITERRANEAN CUISINE INC
Owner Address:	1350 HWY 501
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-445-6740
Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	PHOENIXX MART
Address:	1350 HWY 501
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	PHOENIXX MART
Address:	1350 HWY 501
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Extended Out-of-Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

EF605 **501 SHELL** **GWCI** **U003557612**
Target **HWY 501 & 3RD AVE** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 4 in cluster EF

Actual:
22 ft.
Focus Map:
36

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05026
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False

501 SHELL (Continued) **U003557612**

Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05026. RBCA Classification 4BC1. Conducting investigation/Risk Assessment.

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606 **VERIZON MYRTLE BEACH TOLL** LUST **U001120020**
Target **919 LUMBER ST** UST **N/A**
Property **MYRTLE BEACH, SC**

Actual:
25 ft.

Focus Map:
36

LUST:

Name:	VERIZON MYRTLE BEACH TOLL
Address:	919 LUMBER ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3578
Release Number:	1
Facility ID:	11179
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	VERIZON COMMUNICATIONS
Tank Owner Last Name:	VERIZON COMMUNICATIONS DBA GTE
Tank Owner First name:	Not reported
NFA Date:	01/30/2002
Tank Owner City:	MARION
Confirmed Date:	01/30/2002
Release Date:	12/20/2001
EID:	3274576
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	VERIZON MYRTLE BEACH TOLL
Local Fac First Name:	Not reported
User Name:	HIGHTOCW
Cleanup Initiated Date:	01/30/2002
Prefix:	P

VERIZON MYRTLE BEACH TOLL (Continued) **U001120020**

Total Score: Not reported

UST:

Name: VERIZON MYRTLE BEACH TOLL
Address: 919 LUMBER ST
City: MYRTLE BEACH
Facility ID: 11179
Permit: P 11179
Owner: VERIZON COMMUNICATIONS DBA GTE
Owner Address: 1300 COLUMBUS SANDUSKY RD N
Owner City, st, zip: MARION OH 43302-8578
Owner Phone: 740-382-7702

Tank ID: 1
Status: **Abandoned**
Capacity: 5000
Product: Diesel fuel
Calcage: 0

607
Target
Property

CIRCLE K CONVENIENCE STORES
404 16TH AVE N
MYRTLE BEACH, SC 29577

EDR Hist Auto **1020744032**
N/A

EDR Hist Auto

Actual:
29 ft.
Focus Map:
36

Year:	Name:	Type:
1991	CIRCLE K CONVENIENCE STORES	Grocery Stores
1992	CIRCLE K CONVENIENCE STORES	Grocery Stores

608
Target
Property

AWS - KMART 3817
1403 NORTH KINGS HIGHWAY
MYRTLE BEACH, SC 29577

ECHO **1016274659**
N/A

Actual:
26 ft.
Focus Map:
36

ECHO:

Envid: 1016274659
Registry ID: 110008545155
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008545155
Name: AWS - KMART 3817
Address: 1403 NORTH KINGS HIGHWAY
City,State,Zip: MYRTLE BEACH, SC 29577

609 PANTRY 248 — LUST U001538550
Target 1213 THIRD AVE S — UST N/A
Property MYRTLE BEACH, SC

Actual:
21 ft.

Focus Map:
36

LUST:

Name:	PANTRY 248
Address:	1213 THIRD AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577-5546
Release Number:	1
Facility ID:	04989
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	10/13/2006
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/05/1987
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	BRINEYSM
Cleanup Initiated Date:	01/28/1988
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	03/05/1987
Cleanup Complete Date:	09/26/2006
Depth to Ground Water:	6.309
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	01/28/1988
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	BRINEY, STEPHANIE M
Release Fin Type Code:	WS

UST:

Name:	PANTRY 248
Address:	1213 THIRD AVE S
City:	MYRTLE BEACH
Facility ID:	04989
Permit:	N 04989
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

PANTRY 248 (Continued) **U001538550**

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported
Name:	PANTRY 248
Address:	1213 THIRD AVE S
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported
Name:	PANTRY 248
Address:	1213 THIRD AVE S
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported

610
Target **800 CANAL ST**
Property **MYRTLE BEACH, SC**

CDL **S113910648**
N/A

Actual:
19 ft.

Focus Map:
36

CDL 2:

Name:	Not reported
Address:	800 CANAL ST
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	07/02/2013
Facility Detail:	Not reported
Lab Address:	800 Canal StMyrtle Beach, SC
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

611 **AMERICAN TOWER CORPORATION (ATC) - CANNON ROAD** **ECHO** **1011983892**
Target **1455 CANNON ROAD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
22 ft.
Focus Map:
35

ECHO:

Envid:	1011983892
Registry ID:	110037950170
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037950170
Name:	AMERICAN TOWER CORPORATION (ATC) - CANNON ROAD
Address:	1455 CANNON ROAD
City,State,Zip:	MYRTLE BEACH, SC 29577

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612 **CDL** **S110375955**
Target **12TH AVE N AND OAK ST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
30 ft.
Focus Map:
36

CDL:

Lab/Seizure Unit # (Apt, Room Number, Ect.):	Not reported
Latitude:	Not reported
Longitude:	Not reported
QA/QC Id #:	953
Id Num Of GIS Data Point:	946
Has Call Been Verified To Be True:	Yes
EFIS Report Number:	0
Did DHEC Respond To The Site In Any Way?:	No
Direct Threat Of Environment Or Public Health?:	No
Type Of Report-Lab Seizure:	Yes
Report Chemicals/Glassware/Equipment Seizure:	No
Report-Dumpsite Seizure:	No
Official Police Report Or Case Number:	0
Seizure Date:	3/16/2010
Law Enforcement Agency In Charge (Generator):	DEA
Originating Agency Identification (Ori) Number:	0
Law Enforcement Agency In Charge City:	Columbia
Law Enforcement Agency In Charge State:	SC
Leo Case Or File Title:	0
Name Of Person Reporting Incident:	Ron Leadore
Telephone Number Of Caller:	0
Seizure Location - Apartment, Condo:	No
Seizure Location - Hotel Or Motel:	No
Seizure Location - Out Building (Shed,etc.):	No
Seizure Location - Vehicle:	Yes
Seizure Location - Family Dwelling House:	No
Seizure Location - Family Dwelling Mobile Home:	No
Seizure Loc-FamilyDwellingDuplex Or Other NonApartment MultiStructure:	No
Seizure Location - Dumpster:	No
Seizure Location - Storage Locker:	No
Seizure Location - Open - No Structure:	No
Seizure Location - Business:	No
Seizure Location - Other - Describe:	Not reported
Neighborhood - Commercial Or Industrial:	No
Neighborhood - Public Land - Check Box:	No
Neighborhood - Public Land - Name:	Not reported
Neighborhood - Rural:	No
Neighborhood - Suburban:	Yes
Neighborhood - Other - Check Box:	No
Neighborhood - Other - Describe:	Not reported
Neighborhood - Urban:	No
Lab Status - Operational, Not In Production:	No
Lab Status - Operational, In Production:	No

(Continued) **S110375955**

Lab Status - Abandoned:	No
Lab Status - Boxed Or Dismantled:	No
Lab Status - Fire Or Explosion:	No
Lab Status - Other, Check Box:	No
Lab Status - Other, Describe:	Not reported
Lab Mfg Proc-Ephedrin,RedP,HydriodicAcidAnd/OrIodineReduction:	No
LMP-Pseudoephedrin, RedP,HydriodicAcid And/Or Iodine Reduction:	No
Lab Mfg Process-P2p / Methylamine:	No
Lab Mfg Process-Hydrogenation:	No
LMP-Ephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,AnhydrousAmmonia:	No
LMP-Pseudoephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,An Ammonia:	No
Lab Mfg Process-Hydriodic Acid Method:	No
Lab Mfg Process-Anhydrous Ammonia Manufacturing:	No
Lab Mfg Process-Ephedrine Tablet Extraction:	No
Lab Mfg Process-Pseudoephedrine Tablet Extraction:	No
Lab Mfg Process-Other, Describe:	No
Lab Mfg Process-Other, Describe:	Not reported
Lab Type - Amphetamine:	0
Lab Type - Hydriodic Acid:	0
Lab Type - Tablet Extraction:	0
Lab Type - GHB:	0
Lab Type - Anhydrous Ammonia:	0
Lab Type - MDMA:	0
Lab Type - Methamphetamine:	1
Lab Type - Methcathinone:	0
Lab Type - PCP:	0
Lab Type - Other, Describe:	0
Lab Type - Other, Describe:	Not reported
Method Waste Disposal Cook Used.Poured Down Drains,etc.:	Not reported
Was There A Fire?:	No
Was There An Explosion?:	No
Was Anyone Injured?:	No
Were There Any Deaths?:	No
Other Than Lab Itself, Was There Evacuation Due To Hazard?:	No
Was A Chemist On Site? State Or Local.:	No
Was A Chemist On Site? Dea Or Dea Contractor:	No
Did The Leo Perform Removal?:	No
Was A Hazmat Contractor Used?:	No
Name Of Hm Contractor Used.:	Not reported
Remarks:	946- DEA HAZARDs data

EH613 **MAACO COLLISION REPAIRS** **ECHO** **1008230036**
Target **RTE 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster EH

Actual:
19 ft.

Focus Map:
36

ECHO:

Envid:	1008230036
Registry ID:	110020997750
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110020997750
Name:	MAACO COLLISION REPAIRS
Address:	RTE 501
City,State,Zip:	MYRTLE BEACH, SC 29577

614 Target Property	**BETTER BRANDS INC 908 JACKSON ST MYRTLE BEACH, SC**	**LUST UST GWCI**	**U003628258 N/A**

Actual:
25 ft.
Focus Map:
36

LUST:

Name:	BETTER BRANDS INC
Address:	908 JACKSON ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3569
Release Number:	1
Facility ID:	05031
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	BETTER BRANDS INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/17/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	12/17/1991
Prefix:	Not reported
Total Score:	121

LUST:

Release Date:	12/17/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	12/17/1991
RP Name:	BETTER BRANDS INC
RP Address:	908 JACKSON ST
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577-3569
SCRBCA Class Code:	CLASS3AC
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	BETTER BRANDS INC
Address:	908 JACKSON ST
City:	MYRTLE BEACH
Facility ID:	05031
Permit:	R 05031
Owner:	BETTER BRANDS INC
Owner Address:	908 JACKSON ST
Owner City, st, zip:	MYRTLE BEACH SC 29577-3569
Owner Phone:	843-626-9402

BETTER BRANDS INC (Continued) **U003628258**

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

Name: BETTER BRANDS INC
Address: 908 JACKSON ST
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Diesel fuel
Calcage: 5

Name: BETTER BRANDS INC
Address: 908 JACKSON ST
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: BETTER BRANDS INC
Address: 908 JACKSON ST
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 550
Product: Waste oil, burnt oil, used oil
Calcage: 5

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05031
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True

BETTER BRANDS INC (Continued) **U003628258**

Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05031. RBCA Classification 3AC8. Awaiting Funding.

EH615 **ROPADEN ENTERPRISES INC** **EDR Hist Auto** **1021552937**
Target **1297 HIGHWAY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster EH

Actual:
19 ft.

Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
2001	KIA TIME OF MYRTLE BEACH INC	General Automotive Repair Shops
2002	KIA TIME OF MYRTLE BEACH INC	General Automotive Repair Shops
2003	KIA TIME OF MYRTLE BEACH INC	General Automotive Repair Shops
2011	GPA AUTO	General Automotive Repair Shops
2012	GPA AUTO	General Automotive Repair Shops
2012	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2013	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops
2013	GPA AUTO	General Automotive Repair Shops
2014	ROPADEN ENTERPRISES INC	Automotive Transmission Repair Shops

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EI616 **MISS KITTYS INC** **LUST** **U003523650**
Target **1379 THIRD AVE S** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 1 of 2 in cluster EI

Actual:
19 ft.

Focus Map:
36

LUST:

Name:	MISS KITTYS INC
Address:	1379 THIRD AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577-5547
Release Number:	1
Facility ID:	15532
Release Status Number:	7
Substance:	PETRO
Tank Owner Company Name:	DANNY ENTERPRISES
Tank Owner Last Name:	DANNY ENTERPRISES
Tank Owner First name:	Not reported
NFA Date:	02/17/2005
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	06/07/1993

MISS KITTYS INC (Continued) **U003523650**

Release Date:	06/07/1993
EID:	1785830
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	MISS KITTYS INC
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	06/07/1993
Prefix:	N
Total Score:	41

LUST:

Release Date:	06/07/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	06/07/1993
RP Name:	DANNY ENTERPRISES
RP Address:	1600 S KINGS HWY
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577-4513
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

UST:

Name:	MISS KITTYS INC
Address:	1379 THIRD AVE S
City:	MYRTLE BEACH
Facility ID:	15532
Permit:	N 15532
Owner:	DANNY ENTERPRISES
Owner Address:	1600 S KINGS HWY
Owner City, st, zip:	MYRTLE BEACH SC 29577-4513
Owner Phone:	Not reported

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15

Name:	MISS KITTYS INC
Address:	1379 THIRD AVE S
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15

MISS KITTYS INC (Continued) **U003523650**

Name:	MISS KITTYS INC
Address:	1379 THIRD AVE S
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	500
Product:	Gasoline
Calcage:	Not reported
Name:	MISS KITTYS INC
Address:	1379 THIRD AVE S
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	500
Product:	Gasoline
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	15532
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 15532. RBCA Classification 3BF7. Approved Monitored Natural

MISS KITTYS INC (Continued) **U003523650**

Attenuation (MNA Awaiti.

EI617 **DUNES CYCLE MISS KITTY SALOON** **UST** **U003520924**
Target **1379 3RD AVE S** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster EI

Actual:
19 ft.

Focus Map:
36

UST:

Name:	DUNES CYCLE MISS KITTY SALOON
Address:	1379 3RD AVE S
City:	MYRTLE BEACH
Facility ID:	15698
Permit:	N 15698
Owner:	JUELS INC
Owner Address:	1895 POMPANO DR
Owner City, st, zip:	MURRELLS INLET SC 29576-5537
Owner Phone:	Not reported
Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	25
Name:	DUNES CYCLE MISS KITTY SALOON
Address:	1379 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	DUNES CYCLE MISS KITTY SALOON
Address:	1379 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	DUNES CYCLE MISS KITTY SALOON
Address:	1379 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

618 **Target Property** — **PAVILION WAREHOUSE NUMBER 2**, **811 10TH AVE N**, **MYRTLE BEACH, SC 29577** — **ECHO** — **1016120479** / **N/A**

Actual: **29 ft.**
Focus Map: **36**

ECHO:

Envid:	1016120479
Registry ID:	110002247925
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002247925
Name:	PAVILION WAREHOUSE NUMBER 2
Address:	811 10TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577

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619 **Target Property** — **5838 BEAR LANE**, **MYRTLE BEACH, SC** — **CDL** — **S117406251** / **N/A**

Actual: **17 ft.**
Focus Map: **33**

CDL 2:

Name:	Not reported
Address:	5838 BEAR LANE
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	08/16/2014
Facility Detail:	Not reported
Lab Address:	5838 Bear Lane; Myrtle Beach, SC
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Lab-14-1738
Children Present:	Not reported
Lab Type:	One-Pot
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

---

620 **Target Property** — **MYRTLE BEACH SC4110**, **901 LUMBER ST**, **MYRTLE BEACH, SC** — **UST** — **U003523788** / **N/A**

Actual: **25 ft.**
Focus Map: **36**

UST:

Name:	MYRTLE BEACH SC4110
Address:	901 LUMBER ST
City:	MYRTLE BEACH
Facility ID:	04903
Permit:	R 04903
Owner:	AT&T CORPORATION
Owner Address:	308 S AKARD ST RM 1700
Owner City, st, zip:	DALLAS TX 75202
Owner Phone:	214-464-1716

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	5

621 **MYRTLE BEACH CITY OF** **LUST** **U003520202**
Target **1101 OAK ST** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
30 ft.
Focus Map:
36

LUST:

Name:	MYRTLE BEACH CITY OF
Address:	1101 OAK ST
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05083
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/02/1998
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/29/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DEVOREJA
Cleanup Initiated Date:	08/20/1990
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/29/1989
Cleanup Complete Date:	06/02/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	08/20/1990
RP Name:	MYRTLE BEACH CITY OF
RP Address:	3210 10TH AVE N
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29578
SCRBCA Class Code:	CLASS3BF
Project Manager:	DEVORE, JAMES A
Release Fin Type Code:	WS

UST:

Name:	MYRTLE BEACH CITY OF
Address:	1101 OAK ST
City:	MYRTLE BEACH
Facility ID:	05083
Permit:	N 05083
Owner:	MYRTLE BEACH CITY OF
Owner Address:	PO BOX 2468
Owner City, st, zip:	MYRTLE BEACH SC 29578-2468
Owner Phone:	843-918-2160

MYRTLE BEACH CITY OF (Continued) **U003520202**

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: MYRTLE BEACH CITY OF
Address: 1101 OAK ST
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 500
Product: Diesel fuel
Calcage: 5

622
Target
Property

NU WAY LAUNDRY
1012 8TH AVE N
MYRTLE BEACH, SC

UST **U002040862**
N/A

Actual:
19 ft.
Focus Map:
36

UST:
Name: NU WAY LAUNDRY
Address: 1012 8TH AVE N
City: MYRTLE BEACH
Facility ID: 16954
Permit: N 16954
Owner: CHAPIN CO
Owner Address: 744 MAIN ST
Owner City, st, zip: MYRTLE BEACH SC 29577
Owner Phone: 803-448-6954

Tank ID: 1
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: 15

EJ623
Target
Property

FOOD LION 1202
1009 HWY 501
MYRTLE BEACH, SC 29577

ECHO **1017294217**
N/A

Site 1 of 2 in cluster EJ

Actual:
16 ft.
Focus Map:
36

ECHO:
Envid: 1017294217
Registry ID: 110052706540
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110052706540
Name: FOOD LION 1202
Address: 1009 HWY 501
City,State,Zip: MYRTLE BEACH, SC 29577

624 **MYRTLE BEACH CITY OF** **LUST** **U004256079**
Target **10TH AVE N & OAK ST** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
30 ft.

Focus Map:
36

LUST:

Name:	MYRTLE BEACH CITY OF
Address:	10TH AVE N & OAK ST
City,State,Zip:	MYRTLE BEACH, SC 29578-2468
Release Number:	1
Facility ID:	05084
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/01/1997
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	05/20/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	CORLEYHR
Cleanup Initiated Date:	07/02/1991
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	05/20/1991
Cleanup Complete Date:	05/23/1997
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	07/02/1991
RP Name:	MYRTLE BEACH CITY OF
RP Address:	3210 10TH AVE N
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29578
SCRBCA Class Code:	CLASS3BF
Project Manager:	CORLEY, H REED
Release Fin Type Code:	DS

Name:	MYRTLE BEACH CITY OF
Address:	10TH AVE N & OAK ST
City,State,Zip:	MYRTLE BEACH, SC 29578-2468
Release Number:	1
Facility ID:	05090
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/10/1995

MYRTLE BEACH CITY OF (Continued) **U004256079**

Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/10/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	COOKBA
Cleanup Initiated Date:	05/10/1995
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	MYRTLE BEACH CITY OF
Address:	10TH AVE N & OAK ST
City:	MYRTLE BEACH
Facility ID:	05084
Permit:	N 05084
Owner:	MYRTLE BEACH CITY OF
Owner Address:	PO BOX 2468
Owner City, st, zip:	MYRTLE BEACH SC 29578-2468
Owner Phone:	843-918-2160

Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Diesel fuel
Calcage:	5

Name:	MYRTLE BEACH CITY OF
Address:	10TH AVE N & OAK ST
City:	MYRTLE BEACH

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	Not reported

Name:	MYRTLE BEACH CITY OF
Address:	10TH AVE N & OAK ST
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	500
Product:	Diesel fuel
Calcage:	5

EJ625 **LONG JAMES C** **EDR Hist Auto** **1022028623**
Target **HWY 501 & 3RD AVE** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster EJ

Actual: EDR Hist Auto
17 ft.

Focus Map:
36

Year:	Name:	Type:
1969	LONG JAMES C	Gasoline Service Stations
1970	LONG JAMES C	Gasoline Service Stations

EK626 **SCOTT CARS OF MYRTLE BEACH INC** **LUST** **U004017336**
Target **1251 HWY 501** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 2 in cluster EK

Actual:
19 ft.

Focus Map:
36

LUST:

Name:	SCOTT CARS OF MYRTLE BEACH INC
Address:	1251 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	12420
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SCOTT, JAMES
Tank Owner Last Name:	SCOTT
Tank Owner First name:	JAMES
NFA Date:	11/04/1999
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	07/03/2008
Release Date:	06/16/1993
EID:	43088810
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	SCOTT CARS OF MYRTLE BEACH INC
Local Fac First Name:	Not reported
User Name:	WILSONRL
Cleanup Initiated Date:	07/07/1994
Prefix:	N
Total Score:	1

LUST:

Release Date:	06/16/1993
Cleanup Complete Date:	11/04/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	07/07/1994
RP Name:	SCOTT
RP Address:	1251 HWY 501
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BE
Project Manager:	WILSON, RODNEY L

SCOTT CARS OF MYRTLE BEACH INC (Continued) **U004017336**

Release Fin Type Code: WS

Name: SCOTT CARS OF MYRTLE BEACH INC
Address: 1251 HWY 501
City,State,Zip: MYRTLE BEACH, SC 29577
Release Number: 2
Facility ID: 12420
Release Status Number: Not reported
Substance: Not reported
Tank Owner Company Name: SCOTT, JAMES
Tank Owner Last Name: SCOTT
Tank Owner First name: JAMES
NFA Date: 07/03/2008
Tank Owner City: MYRTLE BEACH
Confirmed Date: 07/03/2008
Release Date: 06/30/2008
EID: 43088810
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: UST
Local Fac Last Name: SCOTT CARS OF MYRTLE BEACH INC
Local Fac First Name: Not reported
User Name: PLACEDM
Cleanup Initiated Date: 07/03/2008
Prefix: N
Total Score: Not reported

LUST:
Release Date: 06/16/1993
Cleanup Complete Date: 11/04/1999
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 07/07/1994
RP Name: SCOTT
RP Address: 1251 HWY 501
RP City: MYRTLE BEACH
RP State: SC
RP Zip: 29577
SCRBCA Class Code: CLASS3BE
Project Manager: WILSON, RODNEY L
Release Fin Type Code: WS

UST:
Name: SCOTT CARS OF MYRTLE BEACH INC
Address: 1251 HWY 501
City: MYRTLE BEACH
Facility ID: 12420
Permit: N 12420
Owner: SCOTT, JAMES
Owner Address: 1251 HWY 501
Owner City, st, zip: MYRTLE BEACH SC 29577
Owner Phone: 803-448-3131

SCOTT CARS OF MYRTLE BEACH INC (Continued) **U004017336**

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Waste oil, burnt oil, used oil
Calcage: 10

Name: SCOTT CARS OF MYRTLE BEACH INC
Address: 1251 HWY 501
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 1000
Product: Waste oil, burnt oil, used oil
Calcage: 25

Name: SCOTT CARS OF MYRTLE BEACH INC
Address: 1251 HWY 501
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: 15

Name: SCOTT CARS OF MYRTLE BEACH INC
Address: 1251 HWY 501
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: 15

Name: SCOTT CARS OF MYRTLE BEACH INC
Address: 1251 HWY 501
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 1000
Product: Waste oil, burnt oil, used oil
Calcage: 5

EK627 **ADDYS HARBOR IMPORTS** **ECHO** **1005816314**
Target **1251 HIGHWAY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster EK

Actual:
19 ft.

Focus Map:
36

ECHO:
Envid: 1005816314
Registry ID: 110002330326
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002330326
Name: ADDYS HARBOR IMPORTS
Address: 1251 HIGHWAY 501

ADDYS HARBOR IMPORTS (Continued) **1005816314**

City,State,Zip: MYRTLE BEACH, SC 29577

---

628 **Target Property** — **PANTRY INC**
1217 3RD AVE S
MYRTLE BEACH, SC 29577

EDR Hist Auto **1021286414** **N/A**

EDR Hist Auto

Actual: **19 ft.**
Focus Map: **36**

Year:	Name:	Type:
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores

---

629 **Target Property** — **ARNOLD'S POOLS, INC.**
1390 CANNON RD
MYRTLE BEACH, SC 29578

ECHO **1006297656** **N/A**

Actual: **19 ft.**
Focus Map: **35**

ECHO:

Envid:	1006297656
Registry ID:	110012285320
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012285320
Name:	ARNOLD'S POOLS, INC.
Address:	1390 CANNON RD
City,State,Zip:	MYRTLE BEACH, SC 29578

---

630 **Target Property** — **MARTIN ARCHIE L**
913 8TH AVE NORTH HWY 707
MYRTLE BEACH, SC 29577

EDR Hist Auto **1020376056** **N/A**

EDR Hist Auto

Actual: **22 ft.**
Focus Map: **36**

Year:	Name:	Type:
1971	MARTIN ARCHIE L	Grocery Stores

---

631 **Target Property** — **ALLENS FOOD BASKET**
1012A HWY 501
MYRTLE BEACH, SC

LUST **UST** **U003629730** **N/A**

Actual: **19 ft.**
Focus Map: **36**

LUST:

Name:	ALLENS FOOD BASKET
Address:	1012A HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577-3821
Release Number:	1
Facility ID:	15253
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	ALLEN, WESLEY
Tank Owner Last Name:	ALLEN

ALLENS FOOD BASKET (Continued) **U003629730**

Tank Owner First name:	WESLEY
NFA Date:	10/25/2010
Tank Owner City:	AYNOR
Confirmed Date:	11/06/2009
Release Date:	11/06/2009
EID:	52010795
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	4BC
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	ALLENS FOOD BASKET
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	11/06/2009
Prefix:	R
Total Score:	-2

LUST:

Release Date:	11/06/2009
Cleanup Complete Date:	10/25/2010
Depth to Ground Water:	8.449
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	11/06/2009
RP Name:	ALLEN
RP Address:	2555 ALLEN RD
RP City:	AYNOR
RP State:	SC
RP Zip:	29511
SCRBCA Class Code:	CLASS4BC
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	ALLENS FOOD BASKET
Address:	1012A HWY 501
City:	MYRTLE BEACH
Facility ID:	15253
Permit:	R 15253
Owner:	ALLEN, WESLEY
Owner Address:	2555 ALLEN RD
Owner City, st, zip:	AYNOR SC 29511
Owner Phone:	843-365-3860

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Name:	ALLENS FOOD BASKET
Address:	1012A HWY 501
City:	MYRTLE BEACH

Tank ID:	2

ALLENS FOOD BASKET (Continued) **U003629730**

Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

632	**DARGAN CONSTRUCTION CO INC**	**LUST**	**U003603738**
Target	**900 8TH AVE N**	**UST**	**N/A**
Property	**MYRTLE BEACH, SC**	**GWCI**	

Actual:
22 ft.

Focus Map:
36

LUST:

Name:	DARGAN CONSTRUCTION CO INC
Address:	900 8TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	14425
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	DARGAN CONSTRUCTION CO
Tank Owner Last Name:	DARGAN CONSTRUCTION CO INC
Tank Owner First name:	Not reported
NFA Date:	04/25/2006
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/23/1992
Release Date:	12/30/1991
EID:	1779861
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	DARGAN CONSTRUCTION CO INC
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	03/23/1992
Prefix:	P
Total Score:	18

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	DARGAN CONSTRUCTION CO INC
RP Address:	900 8TH AVE N
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29578-1468
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

UST:

Name:	DARGAN CONSTRUCTION CO INC
Address:	900 8TH AVE N
City:	MYRTLE BEACH

DARGAN CONSTRUCTION CO INC (Continued) **U003603738**

Facility ID:	14425
Permit:	P 14425
Owner:	DARGAN CONSTRUCTION CO INC
Owner Address:	900 8TH AVE N
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-626-7602

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

Name:	DARGAN CONSTRUCTION CO INC
Address:	900 8TH AVE N
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

Name:	DARGAN CONSTRUCTION CO INC
Address:	900 8TH AVE N
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Currently in Use**
Capacity:	3000
Product:	Gasoline RUL
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	14425
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False

DARGAN CONSTRUCTION CO INC (Continued) **U003603738**

Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14425. RBCA Classification 3BF8. Awaiting Funding.

EL633 **CIRCLE K STORES INC** **EDR Hist Auto** **1021643151**
Target **1100 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 3 in cluster EL

Actual: EDR Hist Auto
32 ft.

Focus Map:
36

Year:	Name:	Type:
2011	CIRCLE K STORES INC	Convenience Stores
2012	CIRCLE K STORES INC	Convenience Stores
2013	CIRCLE K STORES INC	Convenience Stores
2014	CIRCLE K STORES INC	Convenience Stores

EM634 **JIM SMITH CHRYSLER PLYMOUTH** **LUST** **U003603899**
Target **1004 HWY 501** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 3 in cluster EM

Actual: LUST:
19 ft.

Focus Map:
36

Name:	JIM SMITH CHRYSLER PLYMOUTH
Address:	1004 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29578-2528
Release Number:	1
Facility ID:	14214
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	KEFFER MGT GROUP
Tank Owner Last Name:	KEFFER MGT GROUP
Tank Owner First name:	Not reported
NFA Date:	10/17/2000
Tank Owner City:	CHARLOTTE
Confirmed Date:	04/06/1995
Release Date:	02/13/1992
EID:	1778079
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	JIM SMITH CHRYSLER PLYMOUTH

JIM SMITH CHRYSLER PLYMOUTH (Continued) **U003603899**

Local Fac First Name:	Not reported
User Name:	THOMADL
Cleanup Initiated Date:	04/06/1995
Prefix:	N
Total Score:	0

LUST:

Release Date:	02/13/1992
Cleanup Complete Date:	10/17/2000
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	04/06/1995
RP Name:	ESTATE OF GENE PINSON
RP Address:	PO BOX 9
RP City:	MONROE
RP State:	NC
RP Zip:	28110
SCRBCA Class Code:	CLASS3BF
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	DS

UST:

Name:	JIM SMITH CHRYSLER PLYMOUTH
Address:	1004 HWY 501
City:	MYRTLE BEACH
Facility ID:	14214
Permit:	N 14214
Owner:	KEFFER MGT GROUP
Owner Address:	8200 E INDEPENDENCE BLVD
Owner City, st, zip:	CHARLOTTE NC 28226
Owner Phone:	704-563-5966

Tank ID:	1
Status:	**Abandoned**
Capacity:	300
Product:	Waste oil, burnt oil, used oil
Calcage:	25

635
Target
Property

YACHTSMAN RESORT
1400 N OCEAN BLVD
MYRTLE BEACH, SC

LUST **U003526827**
UST **N/A**

Actual:
11 ft.

Focus Map:
36

LUST:

Name:	YACHTSMAN RESORT
Address:	1400 N OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	14658
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	GENERAL DIRECT MARKETIN
Tank Owner Last Name:	GENERAL DIRECT MARKETING INC
Tank Owner First name:	Not reported
NFA Date:	07/05/2000
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	05/01/2000

YACHTSMAN RESORT (Continued) **U003526827**

Release Date:	05/01/2000
EID:	1781671
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BD
Release Fin Type Code:	W25
Qualified:	N
Release Source:	UST
Local Fac Last Name:	YACHTSMAN RESORT
Local Fac First Name:	Not reported
User Name:	DUBOISPM
Cleanup Initiated Date:	05/01/2000
Prefix:	N
Total Score:	0

LUST:

Release Date:	05/01/2000
Cleanup Complete Date:	07/05/2000
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	05/01/2000
RP Name:	GENERAL DIRECT MARKETING INC
RP Address:	1400 N OCEAN BLVD
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BD
Project Manager:	DUBOIS, PAMELA M
Release Fin Type Code:	W25

UST:

Name:	YACHTSMAN RESORT
Address:	1400 N OCEAN BLVD
City:	MYRTLE BEACH
Facility ID:	14658
Permit:	N 14658
Owner:	GENERAL DIRECT MARKETING INC
Owner Address:	1400 N OCEAN BLVD
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-448-1441

Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Diesel fuel
Calcage:	10

EM636 **BUTCH JONES INC** **RCRA-VSQG** **1000835608**
Target **HWY 501 EAST & CEDAR ST** **SCD987596889**
Property **MYRTLE BEACH, SC 29578**

Site 2 of 3 in cluster EM

Actual:
19 ft.
Focus Map:
36

RCRA Listings:

Date Form Received by Agency:	1994-06-07 00:00:00.0
Handler Name:	BUTCH JONES INC
Handler Address:	HWY 501 EAST & CEDAR ST
Handler City,State,Zip:	MYRTLE BEACH, SC 29578
EPA ID:	SCD987596889
Contact Name:	BUTCH JONES
Contact Address:	HWY 501 EAST & CEDAR ST
Contact City,State,Zip:	MYRTLE BEACH, SC 29578
Contact Telephone:	803-448-0258
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1068
Mailing City,State,Zip:	MYRTLE BEACH, SC 29578
Owner Name:	BUTCH JONES
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

BUTCH JONES INC (Continued) **1000835608**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

BUTCH JONES INC (Continued) **1000835608**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUTCH JONES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	HWY 501 EAST PO BOX 1068
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	803-448-0258
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-06-07 00:00:00.0
Handler Name:	BUTCH JONES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

BUTCH JONES INC (Continued) **1000835608**

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1994-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

EM637 **BUTCH JONES INCORPORATED** **ECHO** **1016240655**
Target **HIGHWAY 501 EAST & CEDAR STREET** **N/A**
Property **MYRTLE BEACH, SC 29578**

Site 3 of 3 in cluster EM

Actual:
19 ft.
Focus Map:
36

ECHO:

Envid:	1016240655
Registry ID:	110007837341
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007837341
Name:	BUTCH JONES INCORPORATED
Address:	HIGHWAY 501 EAST & CEDAR STREET
City,State,Zip:	MYRTLE BEACH, SC 29578

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638 **CHAPIN CO** **EDR Hist Auto** **1020831078**
Target **904 OAK** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
27 ft.
Focus Map:
36

Year:	Name:	Type:
1987	CHAPIN CO	Auto And Home Supply Stores

EL639 **CIRCLE K 2708111** **LUST** **U003628630**
Target **1101 N KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 3 in cluster EL

Actual:
29 ft.
Focus Map:
36

LUST:

Name:	CIRCLE K 2708111
Address:	1101 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-3979
Release Number:	1
Facility ID:	05113
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	10/04/2006
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/23/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	01/31/1989
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	01/23/1989
Cleanup Complete Date:	12/22/2005
Depth to Ground Water:	5
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	01/31/1989
RP Name:	CONOCO PHILLIPS
RP Address:	12911 N TELECOM PKWY STE 100
RP City:	TAMPA
RP State:	FL
RP Zip:	33637-0907
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

Release Date:	02/16/2010
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7.019
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	02/16/2010
RP Name:	CIRCLE K STORES INC
RP Address:	2440 WHITEHALL PARK DR STE 800
RP City:	CHARLOTTE
RP State:	NC

CIRCLE K 2708111 (Continued) **U003628630**

RP Zip:	28273
SCRBCA Class Code:	CLASS2BB
Project Manager:	SHRADER, ART A
Release Fin Type Code:	W25

Name:	CIRCLE K 2708111
Address:	1101 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-3979
Release Number:	2
Facility ID:	05113
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/07/2013
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/16/2010
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DUNNRA
Cleanup Initiated Date:	02/16/2010
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	01/23/1989
Cleanup Complete Date:	12/22/2005
Depth to Ground Water:	5
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	01/31/1989
RP Name:	CONOCO PHILLIPS
RP Address:	12911 N TELECOM PKWY STE 100
RP City:	TAMPA
RP State:	FL
RP Zip:	33637-0907
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

Release Date:	02/16/2010
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7.019
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	02/16/2010
RP Name:	CIRCLE K STORES INC
RP Address:	2440 WHITEHALL PARK DR STE 800
RP City:	CHARLOTTE

CIRCLE K 2708111 (Continued) **U003628630**

RP State: NC
RP Zip: 28273
SCRBCA Class Code: CLASS2BB
Project Manager: SHRADER, ART A
Release Fin Type Code: W25

UST:

Name: CIRCLE K 2708111
Address: 1101 N KINGS HWY
City: MYRTLE BEACH
Facility ID: 05113
Permit: R 05113
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

Name: CIRCLE K 2708111
Address: 1101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 5

Name: CIRCLE K 2708111
Address: 1101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 5

Name: CIRCLE K 2708111
Address: 1101 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 4
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: CIRCLE K 2708111
Address: 1101 N KINGS HWY
City: MYRTLE BEACH

CIRCLE K 2708111 (Continued) **U003628630**

Tank ID:	5
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	0

EL640 **CIRCLE K STORES INC** **EDR Hist Auto** **1021884024**
Target **1101 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster EL

Actual:
29 ft.
EDR Hist Auto

Focus Map:
36

Year:	Name:	Type:
1994	CIRCLE K CORPORATION	Convenience Stores
1995	CIRCLE K STORES INC	Convenience Stores
1996	CIRCLE K STORES INC	Convenience Stores
1997	TOSCO MARKETING COMPANY	Convenience Stores
1998	TOSCO MARKETING COMPANY INC	Convenience Stores
1999	TOSCO MARKETING COMPANY	Convenience Stores
2000	TOSCO MARKETING COMPANY	Convenience Stores
2001	TOSCO MARKETING COMPANY	Convenience Stores
2002	CIRCLE K STORES INC	Convenience Stores
2003	CIRCLE K STORES INC	Convenience Stores
2004	CIRCLE K STORES INC	Convenience Stores
2005	CIRCLE K STORES INC	Convenience Stores
2006	CIRCLE K STORES INC	Convenience Stores
2007	CIRCLE K STORES INC	Convenience Stores
2008	CIRCLE K STORES INC	Convenience Stores
2009	CIRCLE K STORES INC	Convenience Stores
2010	CIRCLE K STORES INC	Convenience Stores

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641 **MINUTEMAN FOOD MART 47** **UST** **U004292061**
Target **4100 PINE HOLLOW RD** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
20 ft.

Focus Map:
33

UST:

Name:	MINUTEMAN FOOD MART 47
Address:	4100 PINE HOLLOW RD
City:	MYRTLE BEACH
Facility ID:	19910
Permit:	P 19910
Owner:	THE GAS MART INC
Owner Address:	PO BOX 39
Owner City, st, zip:	ELIZABETHTOWN NC 28337
Owner Phone:	910-862-8423

Tank ID:	1
Status:	**Currently in Use**
Capacity:	26000
Product:	Multiple petroleum
Calcage:	0

Name:	MINUTEMAN FOOD MART 47
Address:	4100 PINE HOLLOW RD

MINUTEMAN FOOD MART 47 (Continued) **U004292061**

City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Multiple petroleum
Calcage: 0

EN642 **HAGUE MARINA** **SEMS** **1024363970**
Target **3675 HAGUE DRIVE** **SCN000407045**
Property **MYRTLE BEACH, SC 29201**

Site 1 of 2 in cluster EN

Actual:
3 ft.

Focus Map:
34

SEMS:
Site ID: 0407045
EPA ID: SCN000407045
Name: HAGUE MARINA
Address: 3675 HAGUE DRIVE
Address 2: Not reported
City,State,Zip: MYRTLE BEACH, SC 29201
Cong District: Not reported
FIPS Code: 45051
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:
Region: 04
Site ID: 0407045
EPA ID: SCN000407045
Site Name: HAGUE MARINA
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2018-08-30 05:00:00
Finish Date: 8/30/2018 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 04
Site ID: 0407045
EPA ID: SCN000407045
Site Name: HAGUE MARINA
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 2018-11-29 06:00:00
Finish Date: 4/19/2019 5:00:00 AM
Qual: N

HAGUE MARINA (Continued) **1024363970**

Current Action Lead:	EPA Perf
Region:	04
Site ID:	0407045
EPA ID:	SCN000407045
Site Name:	HAGUE MARINA
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2018-09-01 05:00:00
Finish Date:	11/28/2018 6:00:00 AM
Qual:	L
Current Action Lead:	St Perf
Region:	04
Site ID:	0407045
EPA ID:	SCN000407045
Site Name:	HAGUE MARINA
NPL:	N
FF:	N
OU:	00
Action Code:	HX
Action Name:	PRE-CERC
SEQ:	1
Start Date:	Not reported
Finish Date:	8/30/2018 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf

EN643 **HAGUE MARINA** **SHWS** **S122875681**
Target **3675 HAGUE DR** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 2 in cluster EN

Actual:
3 ft.
Focus Map:
34

SHWS:

Name:	HAGUE MARINA
Address:	3675 HAGUE DR
City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCS123457869

EO644 **A & I CORPORATION** **EDR Hist Cleaner** **1018734746**
Target **925 BROADWAY EXT** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster EO

Actual:
32 ft.
Focus Map:
36

EDR Hist Cleaner

Year:	Name:	Type:
1971	DANNYS CLEANERS	Drycleaning Plants, Except Rugs
1972	DANNYS CLEANERS	Drycleaning Plants, Except Rugs

A & I CORPORATION (Continued) **1018734746**

1973	DANNYS CLEANERS	Drycleaning Plants, Except Rugs
1974	DANNYS CARPET CLEANERS	Carpet And Upholstery Cleaning
1975	A & I CORPORATION	Carpet And Upholstery Cleaning
1976	A & I CORPORATION	Carpet And Upholstery Cleaning
1977	A & I CORPORATION	Carpet And Upholstery Cleaning
1978	A & I CORPORATION	Carpet And Upholstery Cleaning
1979	A & I CORPORATION	Carpet And Upholstery Cleaning

645
Target
Property

D&S RECYCLING LLC
, SC

SWF/LF **S108237927**
N/A

Actual:
17 ft.

Focus Map:
33

LF:

Name:	D&S RECYCLING, LLC
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	5296 Millpond Road
Mailing State:	SC
Mailing City:	Myrtle Beach
Mailing Zip:	29588
Facility ID:	262652-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	cubic yards
Online Data:	Composting - Type 1
GW Mod Reqd:	N
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	3200
Status:	Active
Class:	Commercial
UTM-E:	682282.33999999997
UTM-N:	3730501.2200000002
Contact Name:	David Quandt
Contact Phone:	(843) 241-3826

EO646
Target
Property

DANNYS CLEANERS
917 BROADWAY EXT
MYRTLE BEACH, SC 29577

EDR Hist Cleaner **1019968894**
N/A

Site 2 of 2 in cluster EO

Actual:
32 ft.

Focus Map:
36

EDR Hist Cleaner

Year:	Name:	Type:
1969	DANNYS CLEANERS	Drycleaning Plants, Except Rugs
1970	DANNYS CLEANERS	Drycleaning Plants, Except Rugs

647 **CAROLINA BREEZE APARTMENTS** **ECHO** **1014835842**
Target **100 CEDAR STREET** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.
Focus Map:
36

ECHO:

Envid:	1014835842
Registry ID:	110041200090
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110041200090
Name:	CAROLINA BREEZE APARTMENTS
Address:	100 CEDAR STREET
City,State,Zip:	MYRTLE BEACH, SC 29577

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648 **NOLAND CO** **UST** **U003523883**
Target **711 NINTH AVE N** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
27 ft.
Focus Map:
36

UST:

Name:	NOLAND CO
Address:	711 NINTH AVE N
City:	MYRTLE BEACH
Facility ID:	13107
Permit:	N 13107
Owner:	NOLAND PROPERTIES
Owner Address:	PO BOX 971
Owner City, st, zip:	NEWPORT NEWS VA 23607-0971
Owner Phone:	804-247-8200

Tank ID:	1
Status:	**Abandoned**
Capacity:	Not reported
Product:	Multiple hydrocarbons
Calcage:	Not reported

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649 **CHAPIN SERVICE STATION** **LUST** **U003628682**
Target **901 OAK ST** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Actual:
26 ft.
Focus Map:
36

LUST:

Name:	CHAPIN SERVICE STATION
Address:	901 OAK ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3524
Release Number:	1
Facility ID:	05137
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CHAPIN CO
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/27/2009
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/20/2001
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported

CHAPIN SERVICE STATION (Continued) **U003628682**

Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	02/20/2001
Prefix:	Not reported
Total Score:	50

LUST:

Release Date:	02/20/2001
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	02/20/2001
RP Name:	CHAPIN CO
RP Address:	744 MAIN ST
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Name:	CHAPIN SERVICE STATION
Address:	901 OAK ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3524
Release Number:	2
Facility ID:	05137
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	CHAPIN CO
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/20/2001
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	02/16/2001
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	FANTRM
Cleanup Initiated Date:	02/16/2001
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	02/20/2001
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	02/20/2001

CHAPIN SERVICE STATION (Continued) **U003628682**

RP Name:	CHAPIN CO
RP Address:	744 MAIN ST
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CHAPIN SERVICE STATION
Address:	901 OAK ST
City:	MYRTLE BEACH
Facility ID:	05137
Permit:	R 05137
Owner:	CHAPIN CO
Owner Address:	744 MAIN ST
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-448-6954

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Name:	CHAPIN SERVICE STATION
Address:	901 OAK ST
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Name:	CHAPIN SERVICE STATION
Address:	901 OAK ST
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Name:	CHAPIN SERVICE STATION
Address:	901 OAK ST
City:	MYRTLE BEACH

Tank ID:	4
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	10

CHAPIN SERVICE STATION (Continued) **U003628682**

Name: CHAPIN SERVICE STATION
Address: 901 OAK ST
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 1000
Product: Kerosene
Calcage: 10

Name: CHAPIN SERVICE STATION
Address: 901 OAK ST
City: MYRTLE BEACH

Tank ID: 6
Status: **Abandoned**
Capacity: 1000
Product: Waste oil, burnt oil, used oil
Calcage: 10

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05137
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: No
Monitoring: No
Remediation: Yes
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05137. RBCA Classification 3BF3. Monitored Natural

CHAPIN SERVICE STATION (Continued) **U003628682**

Attenuation.

EP650 **MARYLAND FRIED CHICKEN** **ECHO** **1001493876**
Target **939 N KINGS HWY** **SC0000630533**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster EP

Actual:
32 ft.
Focus Map:
36

ECHO:

Envid:	1001493876
Registry ID:	110004937061
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004937061
Name:	MARYLAND FRIED CHICKEN
Address:	939 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

EP651 **MARYLAND FRIED CHICKEN** **LUST** **U003994035**
Target **939 N KING HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster EP

Actual:
32 ft.
Focus Map:
36

LUST:

Name:	MARYLAND FRIED CHICKEN
Address:	939 N KING HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	15322
Release Status Number:	6
Substance:	PETRO
Tank Owner Company Name:	ROURK, M
Tank Owner Last Name:	ROURK
Tank Owner First name:	M
NFA Date:	05/05/2003
Tank Owner City:	SHALLOTTE
Confirmed Date:	03/23/1992
Release Date:	12/23/1991
EID:	1784782
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	MARYLAND FRIED CHICKEN
Local Fac First Name:	Not reported
User Name:	FULMERSB
Cleanup Initiated Date:	03/23/1992
Prefix:	U
Total Score:	1

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	03/20/1995
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1992

MARYLAND FRIED CHICKEN (Continued) **U003994035**

RP Name: ROURK
RP Address: PO BOX 250
RP City: SHALLOTTE
RP State: NC
RP Zip: 28459-0250
SCRBCA Class Code: CLASS3BF
Project Manager: FULMER, SUSAN B
Release Fin Type Code: WS

UST:

Name: MARYLAND FRIED CHICKEN
Address: 939 N KING HWY
City: MYRTLE BEACH
Facility ID: 15322
Permit: U 15322
Owner: ROURK, M HENDERSON
Owner Address: PO BOX 250
Owner City, st, zip: SHALLOTTE NC 28459-0250
Owner Phone: Not reported

Tank ID: 1
Status: **Last used before 1974 and empty**
Capacity: 550
Product: Gasoline
Calcage: 25

Name: MARYLAND FRIED CHICKEN
Address: 939 N KING HWY
City: MYRTLE BEACH

Tank ID: 10
Status: **Abandoned**
Capacity: 550
Product: Waste oil, burnt oil, used oil
Calcage: 25

Name: MARYLAND FRIED CHICKEN
Address: 939 N KING HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Last used before 1974 and empty**
Capacity: 550
Product: Gasoline
Calcage: 25

Name: MARYLAND FRIED CHICKEN
Address: 939 N KING HWY
City: MYRTLE BEACH

Tank ID: 3
Status: **Last used before 1974 and empty**
Capacity: 550
Product: Gasoline
Calcage: 25

MARYLAND FRIED CHICKEN (Continued) **U003994035**

Name:	MARYLAND FRIED CHICKEN
Address:	939 N KING HWY
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Last used before 1974 and empty**
Capacity:	550
Product:	Gasoline
Calcage:	25
Name:	MARYLAND FRIED CHICKEN
Address:	939 N KING HWY
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Last used before 1974 and empty**
Capacity:	550
Product:	Gasoline
Calcage:	25
Name:	MARYLAND FRIED CHICKEN
Address:	939 N KING HWY
City:	MYRTLE BEACH
Tank ID:	6
Status:	**Last used before 1974 and empty**
Capacity:	550
Product:	Gasoline
Calcage:	25
Name:	MARYLAND FRIED CHICKEN
Address:	939 N KING HWY
City:	MYRTLE BEACH
Tank ID:	7
Status:	**Last used before 1974 and empty**
Capacity:	550
Product:	Gasoline
Calcage:	25
Name:	MARYLAND FRIED CHICKEN
Address:	939 N KING HWY
City:	MYRTLE BEACH
Tank ID:	8
Status:	**Last used before 1974 and empty**
Capacity:	550
Product:	Gasoline
Calcage:	25
Name:	MARYLAND FRIED CHICKEN
Address:	939 N KING HWY
City:	MYRTLE BEACH
Tank ID:	9
Status:	**Last used before 1974 and empty**
Capacity:	550

MARYLAND FRIED CHICKEN (Continued) **U003994035**

Product:	Gasoline
Calcage:	25

EQ652 **PAMS CORNER INC** — LUST, UST, GWCI — **U003524101**
Target **934 HWY 501** — **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 3 in cluster EQ

Actual:
19 ft.

Focus Map:
36

LUST:

Name:	PAMS CORNER INC
Address:	934 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05158
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	KNIGHT, PAMELA
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/07/2014
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	09/24/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	05/17/1994
Prefix:	Not reported
Total Score:	109

LUST:

Release Date:	09/24/1992
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.419
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	05/17/1994
RP Name:	KNIGHT
RP Address:	934 HWY 501
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BD
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	PAMS CORNER INC
Address:	934 HWY 501
City:	MYRTLE BEACH

PAMS CORNER INC (Continued) **U003524101**

Facility ID:	05158
Permit:	N 05158
Owner:	KNIGHT, PAMELA K
Owner Address:	934 HWY 501
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-448-3587
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5
Name:	PAMS CORNER INC
Address:	934 HWY 501
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5
Name:	PAMS CORNER INC
Address:	934 HWY 501
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5
Name:	PAMS CORNER INC
Address:	934 HWY 501
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05158
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False

PAMS CORNER INC (Continued) **U003524101**

Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05158. RBCA Classification 3BD8. Awaiting Funding.

EQ653 **PAMS AMOCO** **EDR Hist Auto** **1020430322**
Target **934 HWY 501** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster EQ

Actual:
19 ft.

Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1990	PAMS AMOCO	Gasoline Service Stations
1991	PAMS AMOCO	Gasoline Service Stations
1992	PAMS AMOCO	Gasoline Service Stations
1993	PAMS AMOCO	Gasoline Service Stations
1994	PAMS AMOCO	Gasoline Service Stations
1995	PAMS AMOCO	Gasoline Service Stations
1996	PAM S AMOCO INC	Gasoline Service Stations
1997	PAM S AMOCO INC	Gasoline Service Stations

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654 **OASIS FUEL & BEVERAGE INC** **EDR Hist Auto** **1020337648**
Target **727 OAK ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
12 ft.

Focus Map:
34

Year:	Name:	Type:
1988	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations
1989	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations, NEC
1990	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations, NEC
1992	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations, NEC
1993	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations, NEC
1994	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations, NEC
1995	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations, NEC

EQ655 Target Property	**BALSAM KWIKI LUBE 930 HWY 501 MYRTLE BEACH, SC**	**LUST UST**	**U004198581 N/A**

Site 3 of 3 in cluster EQ

Actual:
19 ft.
Focus Map:
36

LUST:

Name:	BALSAM KWIKI LUBE
Address:	930 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	19674
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	MYRTLE BEACH FARMS COM
Tank Owner Last Name:	MYRTLE BEACH FARMS COMPANY INC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	10/29/2013
Release Date:	10/23/2013
EID:	96446620
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	ENQ
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	BALSAM KWIKI LUBE
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	10/29/2013
Prefix:	N
Total Score:	1

UST:

Name:	BALSAM KWIKI LUBE
Address:	930 HWY 501
City:	MYRTLE BEACH
Facility ID:	19674
Permit:	N 19674
Owner:	MYRTLE BEACH FARMS COMPANY INC
Owner Address:	8800 MARINA PKWY
Owner City, st, zip:	MYRTLE BEACH SC 29572-8101
Owner Phone:	843-848-4406
Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Waste oil, burnt oil, used oil
Calcage:	0
Name:	BALSAM KWIKI LUBE
Address:	930 HWY 501
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Motor oil, lube oil, hydraulic oil (new)

BALSAM KWIKI LUBE (Continued) **U004198581**

Calcage: 0

Name: BALSAM KWIKI LUBE
Address: 930 HWY 501
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 1000
Product: Motor oil, lube oil, hydraulic oil (new)
Calcage: 0

656
Target
Property

EASTON INDUSTRIES LTD
HWY 17 BYPAS
MYRTLE BEACH, SC 29577

ECHO **1000416484**
SCD065047789

Actual:
1 ft.
Focus Map:
35

ECHO:
Envid: 1000416484
Registry ID: 110064115318
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110064115318
Name: EASTON INDUSTRIES LTD
Address: HWY 17 BYPAS
City,State,Zip: MYRTLE BEACH, SC 29577

657
Target
Property

WALMART SUPERCENTER 2712
625B PINE ISLAND RD
MYRTLE BEACH, SC 29577

ECHO **1016184818**
N/A

Actual:
12 ft.
Focus Map:
34

ECHO:
Envid: 1016184818
Registry ID: 110002184270
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002184270
Name: WALMART SUPERCENTER 2712
Address: 625B PINE ISLAND RD
City,State,Zip: MYRTLE BEACH, SC 29577

ER658
Target
Property

HD SUPPLY WATERWORKS LTD WW5540
2675 HWY 17 BYPASS S
MYRTLE BEACH, SC 29577

ECHO **1010450765**
N/A

Site 1 of 2 in cluster ER

Actual:
12 ft.
Focus Map:
35

ECHO:
Envid: 1010450765
Registry ID: 110031400632
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110031400632
Name: HD SUPPLY WATERWORKS LTD WW5540
Address: 2675 HWY 17 BYPASS S
City,State,Zip: MYRTLE BEACH, SC 29577

ER659 Target Property	**HD SUPPLY WATERWORKS LTD WW5540 2675 HWY 17 BYPASS S MYRTLE BEACH, SC 29577**	**RCRA-VSQG**	**1010331973 SCR000768440**

Site 2 of 2 in cluster ER

Actual:
12 ft.

Focus Map:
35

RCRA Listings:

Date Form Received by Agency:	2017-09-01 00:00:00.0
Handler Name:	HD SUPPLY WATERWORKS LTD WW5540
Handler Address:	2675 HWY 17 BYPASS S
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000768440
Contact Name:	ROB PETERS
Contact Address:	CUMBERLAND BLVD
Contact City,State,Zip:	ATLANTA, GA 30339
Contact Telephone:	770-852-9315
Contact Fax:	Not reported
Contact Email:	ROBERT.PETERS@HDSUPPLY.COM
Contact Title:	SR DIRECTOR EHS
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	CUMBERLAND BLVD
Mailing City,State,Zip:	ATLANTA, GA 30339
Owner Name:	HOME DEPOT USA INC
Owner Type:	Private
Operator Name:	HOME DEPOT USA INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

HD SUPPLY WATERWORKS LTD WW5540 (Continued) **1010331973**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-09-14 12:03:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME DEPOT USA INC
Legal Status:	Private
Date Became Current:	2007-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339

HD SUPPLY WATERWORKS LTD WW5540 (Continued) **1010331973**

Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME DEPOT USA INC
Legal Status:	Private
Date Became Current:	2007-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME DEPOT USA INC
Legal Status:	Private
Date Became Current:	2007-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME DEPOT USA INC
Legal Status:	Private
Date Became Current:	2007-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME DEPOT USA INC
Legal Status:	Private
Date Became Current:	2007-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME DEPOT USA INC
Legal Status:	Private
Date Became Current:	2007-01-03 00:00:00.

HD SUPPLY WATERWORKS LTD WW5540 (Continued) **1010331973**

Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HD SUPPLY
Legal Status:	Private
Date Became Current:	2017-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3100 CUMBERLAND BLVD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-852-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2007-01-03 00:00:00.0
Handler Name:	NATIONAL WATER WORKS HDWW5540
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-06-18 00:00:00.0
Handler Name:	HD SUPPLY WATERWORKS LTD WW5540
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-09-01 00:00:00.0
Handler Name:	HD SUPPLY WATERWORKS LTD WW5540
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

HD SUPPLY WATERWORKS LTD WW5540 (Continued) **1010331973**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

NAICS Code: 423720
NAICS Description: PLUMBING AND HEATING EQUIPMENT AND SUPPLIES (HYDRONICS) MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2007-01-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: SCMM

HD SUPPLY WATERWORKS LTD WW5540 (Continued) **1010331973**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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660 **Target Property** **FOUR SEASONS SCREEN PRINTING** **511 9TH AVENUE N** **MYRTLE BEACH, SC 29577** **ECHO** **1000351734** **SCD981751175**

Actual: **29 ft.**
Focus Map: **36**

ECHO:

Envid:	1000351734
Registry ID:	110002193956
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193956
Name:	FOUR SEASONS SCREEN PRINTING
Address:	511 9TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577

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661 **Target Property** **HUSSEY MOTORS** **702 ALDER STREET** **MYRTLE BEACH, SC 29577** **RCRA-VSQG** **ECHO** **1004780227** **SCD982086340**

Actual: **26 ft.**
Focus Map: **36**

RCRA Listings:

Date Form Received by Agency:	2004-07-12 00:00:00.0
Handler Name:	HUSSEY MOTORS
Handler Address:	702 ALDER STREET
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD982086340
Contact Name:	MICHAEL HUSSEY
Contact Address:	PO BOX 278
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	803-448-5182
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 278
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	HUSSEY MOTOR CO INC
Owner Type:	Private
Operator Name:	MICHAEL HUSSEY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

HUSSEY MOTORS (Continued) **1004780227**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined

HUSSEY MOTORS (Continued) **1004780227**

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

HUSSEY MOTORS (Continued) **1004780227**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: MICHAEL HUSSEY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 702 ALDER ST
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29578
Owner/Operator Telephone: 803-448-5182
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICHAEL HUSSEY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 278
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-448-5182
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HUSSEY MOTOR CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 278
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-448-5182
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212

HUSSEY MOTORS (Continued) **1004780227**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-02-11 00:00:00.0
Handler Name:	HUSSEY MOTORS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-04-22 00:00:00.0
Handler Name:	HUSSEY MOTORS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-12 00:00:00.0
Handler Name:	HUSSEY MOTORS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

HUSSEY MOTORS (Continued) **1004780227**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2004-07-12 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ECHO:
Envid: 1004780227
Registry ID: 110002193867
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002193867
Name: HUSSEY MOTORS
Address: 702 ALDER ST
City,State,Zip: MYRTLE BEACH, SC 29577

662 **Target Property** | **SWAMP FOR MOOSE LEGION 76** **521 HOLLY DR** **MYRTLE BEACH, SC 29577** | **EDR Hist Auto** | **1020230346** **N/A**

EDR Hist Auto

Actual: **22 ft.**
Focus Map: **35**

Year:	Name:	Type:
2011	SWAMP FOR MOOSE LEGION 76	Gasoline Service Stations
2012	SWAMP FOR MOOSE LEGION 76	Gasoline Service Stations

ES663 **Target Property** | **RAMSEY COMPANY** **703 EIGHTH AVE NORTH EXT** **MYRTLE BEACH, SC** | **UST** | **U003930389** **N/A**

Site 1 of 5 in cluster ES

Actual: **29 ft.**
Focus Map: **36**

UST:

Name:	RAMSEY COMPANY
Address:	703 EIGHTH AVE NORTH EXT
City:	MYRTLE BEACH
Facility ID:	15995
Permit:	U 15995
Owner:	RAMSEY COMPANY
Owner Address:	703 EIGHTH AVE NORTH EXT
Owner City, st, zip:	MYRTLE BEACH SC 29577-3856
Owner Phone:	803-448-6413
Tank ID:	1
Status:	**Last used before 1974 and empty**
Capacity:	2000
Product:	Multiple petroleum
Calcage:	25

---

664 **Target Property** | **HAGUE MARINA** **1 HAGUE DRIVE** **MYRTLE BEACH, SC 29578** | **ECHO** | **1006799552** **N/A**

Actual: **11 ft.**
Focus Map: **34**

ECHO:

Envid:	1006799552
Registry ID:	110013700664
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013700664
Name:	HAGUE MARINA
Address:	1 HAGUE DRIVE
City,State,Zip:	MYRTLE BEACH, SC 29578

ES665 **NU-WAY LAUNDRY INC** **EDR Hist Cleaner** **1020051951**
Target **725 BROADWAY EXT** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 5 in cluster ES

Actual: EDR Hist Cleaner
29 ft.

Focus Map:
36

Year:	Name:	Type:
1969	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1970	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1971	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1972	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1973	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1974	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1975	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs

ET666 **GENERAL TELEPHONE OF THE SOUTH** **UST** **U004256067**
Target **914 CHESTER ST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 2 in cluster ET

Actual: UST:
29 ft.

Focus Map:
36

Name:	GENERAL TELEPHONE OF THE SOUTH
Address:	914 CHESTER ST
City:	MYRTLE BEACH
Facility ID:	05023
Permit:	N 05023
Owner:	GTE ULYSSES WALLS DESIGNER BLDG SVCS
Owner Address:	4100 ROXBORO ST
Owner City, st, zip:	DURHAM NC 27702
Owner Phone:	919-317-5842

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	Not reported

ET667 **VERIZON MYRTLE BEACH MAIN** **LUST** **U004253903**
Target **914 CHESTER ST** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster ET

Actual: LUST:
29 ft.

Focus Map:
36

Name:	VERIZON MYRTLE BEACH MAIN
Address:	914 CHESTER ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3617
Release Number:	1
Facility ID:	12451
Release Status Number:	1
Substance:	Not reported
Tank Owner Company Name:	VERIZON COMMUNICATIONS
Tank Owner Last Name:	VERIZON COMMUNICATIONS DBA GTE
Tank Owner First name:	Not reported
NFA Date:	08/01/2002

VERIZON MYRTLE BEACH MAIN (Continued) **U004253903**

Tank Owner City:	MARION
Confirmed Date:	02/20/2002
Release Date:	12/20/2001
EID:	3275263
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	VERIZON MYRTLE BEACH MAIN
Local Fac First Name:	Not reported
User Name:	HARVEYTJ
Cleanup Initiated Date:	02/20/2002
Prefix:	P
Total Score:	1

LUST:

Release Date:	12/20/2001
Cleanup Complete Date:	08/01/2002
Depth to Ground Water:	9.269
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	02/20/2002
RP Name:	VERIZON COMMUNICATIONS DBA GTE
RP Address:	1300 COLUMBUS SANDUSKY RD N
RP City:	MARION
RP State:	OH
RP Zip:	43302-8578
SCRBCA Class Code:	CLASS5B
Project Manager:	HARVEY, TRACEE J
Release Fin Type Code:	W25

UST:

Name:	VERIZON MYRTLE BEACH MAIN
Address:	914 CHESTER ST
City:	MYRTLE BEACH
Facility ID:	12451
Permit:	P 12451
Owner:	VERIZON COMMUNICATIONS DBA GTE
Owner Address:	1300 COLUMBUS SANDUSKY RD N
Owner City, st, zip:	MARION OH 43302-8578
Owner Phone:	740-382-7702

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Diesel fuel
Calcage:	0

668 **FLATIRON BLDG & AJACENT PROP** **LUST** **U003521280**
Target **HWY 17 S & BROADWAY AVE** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
31 ft.

Focus Map:
36

LUST:

Name:	FLATIRON BLDG & AJACENT PROP
Address:	HWY 17 S & BROADWAY AVE
City,State,Zip:	MYRTLE BEACH, SC 29
Release Number:	1
Facility ID:	13965
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HOPE T GODEFROY & SADIE
Tank Owner Last Name:	HOPE T GODEFROY & SADIE
Tank Owner First name:	Not reported
NFA Date:	11/23/1993
Tank Owner City:	GARDEN CITY
Confirmed Date:	03/23/1992
Release Date:	02/03/1992
EID:	1775886
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	FLATIRON BLDG & AJACENT PROP
Local Fac First Name:	Not reported
User Name:	WRIGHTJW
Cleanup Initiated Date:	03/23/1992
Prefix:	N
Total Score:	Not reported

UST:

Name:	FLATIRON BLDG & AJACENT PROP
Address:	HWY 17 S & BROADWAY AVE
City:	MYRTLE BEACH
Facility ID:	13965
Permit:	N 13965
Owner:	HOPE T GODEFROY & SADIE
Owner Address:	1 TARPONCIR
Owner City, st, zip:	GARDEN CITY SC 29576
Owner Phone:	Not reported

Tank ID:	1
Status:	**Abandoned**
Capacity:	5000
Product:	Gasoline
Calcage:	20

Name:	FLATIRON BLDG & AJACENT PROP
Address:	HWY 17 S & BROADWAY AVE
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	5000
Product:	Gasoline
Calcage:	20

ES669 **NASH OIL CO INC** **EDR Hist Auto** **1020938635**
Target **728 BROADWAY ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 5 in cluster ES

Actual:
29 ft.

Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1998	NASH OILE CO INC	Gasoline Service Stations, NEC
1999	NASH OILE CO INC	Gasoline Service Stations, NEC
2000	NASH OIL CO INC	Gasoline Service Stations, NEC
2001	NASH OIL CO INC	Gasoline Service Stations, NEC
2002	NASH OIL CO INC	Gasoline Service Stations, NEC
2003	NASH OIL CO INC	Gasoline Service Stations, NEC

ES670 **5 POINTS GAS & CONV STORE** **LUST** **U003629725**
Target **728 BROADWAY ST** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 4 of 5 in cluster ES

Actual:
29 ft.

Focus Map:
36

LUST:

Name:	5 POINTS GAS & CONV STORE
Address:	728 BROADWAY ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3810
Release Number:	1
Facility ID:	15218
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	TEIXEIRA, ARMINDO
Tank Owner Last Name:	TEIXEIRA
Tank Owner First name:	ARMINDO
NFA Date:	07/16/1998
Tank Owner City:	WARREN
Confirmed Date:	10/28/2014
Release Date:	10/02/1995
EID:	114184783
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	5 POINTS GAS & CONV STORE
Local Fac First Name:	Not reported
User Name:	WILLIACJ
Cleanup Initiated Date:	04/03/1996
Prefix:	R
Total Score:	0

LUST:

Release Date:	10/02/1995
Cleanup Complete Date:	07/16/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	04/03/1996
RP Name:	NASH
RP Address:	PO BOX 899
RP City:	GEORGETOWN

5 POINTS GAS & CONV STORE (Continued) **U003629725**

RP State:	SC
RP Zip:	29442-0899
SCRBCA Class Code:	CLASS3BE
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	W25

Name:	5 POINTS GAS & CONV STORE
Address:	728 BROADWAY ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3810
Release Number:	2
Facility ID:	15218
Release Status Number:	1
Substance:	Not reported
Tank Owner Company Name:	TEIXEIRA, ARMINDO
Tank Owner Last Name:	TEIXEIRA
Tank Owner First name:	ARMINDO
NFA Date:	10/26/2004
Tank Owner City:	WARREN
Confirmed Date:	10/28/2014
Release Date:	10/26/2004
EID:	114184783
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	5 POINTS GAS & CONV STORE
Local Fac First Name:	Not reported
User Name:	HIGHTOCW
Cleanup Initiated Date:	10/26/2004
Prefix:	R
Total Score:	Not reported

LUST:

Release Date:	10/02/1995
Cleanup Complete Date:	07/16/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	04/03/1996
RP Name:	NASH
RP Address:	PO BOX 899
RP City:	GEORGETOWN
RP State:	SC
RP Zip:	29442-0899
SCRBCA Class Code:	CLASS3BE
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	W25

Name:	5 POINTS GAS & CONV STORE
Address:	728 BROADWAY ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3810
Release Number:	3
Facility ID:	15218
Release Status Number:	1
Substance:	Not reported

5 POINTS GAS & CONV STORE (Continued) **U003629725**

Tank Owner Company Name:	TEIXEIRA, ARMINDO
Tank Owner Last Name:	TEIXEIRA
Tank Owner First name:	ARMINDO
NFA Date:	05/12/2009
Tank Owner City:	WARREN
Confirmed Date:	10/28/2014
Release Date:	05/07/2009
EID:	114184783
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	5 POINTS GAS & CONV STORE
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	05/12/2009
Prefix:	R
Total Score:	Not reported

LUST:

Release Date:	10/02/1995
Cleanup Complete Date:	07/16/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	04/03/1996
RP Name:	NASH
RP Address:	PO BOX 899
RP City:	GEORGETOWN
RP State:	SC
RP Zip:	29442-0899
SCRBCA Class Code:	CLASS3BE
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	W25

Name:	5 POINTS GAS & CONV STORE
Address:	728 BROADWAY ST
City,State,Zip:	MYRTLE BEACH, SC 29577-3810
Release Number:	4
Facility ID:	15218
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	TEIXEIRA, ARMINDO
Tank Owner Last Name:	TEIXEIRA
Tank Owner First name:	ARMINDO
NFA Date:	Not reported
Tank Owner City:	WARREN
Confirmed Date:	10/28/2014
Release Date:	10/16/2014
EID:	114184783
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	5 POINTS GAS & CONV STORE

5 POINTS GAS & CONV STORE (Continued) **U003629725**

Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 10/28/2014
Prefix: R
Total Score: 7

LUST:
Release Date: 10/02/1995
Cleanup Complete Date: 07/16/1998
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 04/03/1996
RP Name: NASH
RP Address: PO BOX 899
RP City: GEORGETOWN
RP State: SC
RP Zip: 29442-0899
SCRBCA Class Code: CLASS3BE
Project Manager: WILLIAMS, CHARLES J
Release Fin Type Code: W25

UST:
Name: 5 POINTS GAS & CONV STORE
Address: 728 BROADWAY ST
City: MYRTLE BEACH
Facility ID: 15218
Permit: R 15218
Owner: TEIXEIRA, ARMINDO
Owner Address: 4 WALNUT CT
Owner City, st, zip: WARREN NJ 07059
Owner Phone: 973-715-2341

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 10

Name: 5 POINTS GAS & CONV STORE
Address: 728 BROADWAY ST
City: MYRTLE BEACH

Tank ID: 2
Status: **Extended Out-of-Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 10

Name: 5 POINTS GAS & CONV STORE
Address: 728 BROADWAY ST
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 10000

5 POINTS GAS & CONV STORE (Continued) **U003629725**

Product:	Gasoline Super/Prem
Calcage:	10
Name:	5 POINTS GAS & CONV STORE
Address:	728 BROADWAY ST
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Extended Out-of-Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	10
Name:	5 POINTS GAS & CONV STORE
Address:	728 BROADWAY ST
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Extended Out-of-Use**
Capacity:	10000
Product:	Gasoline Racing fuel
Calcage:	10

EU671 **BRATCHER GROUP THE** **EDR Hist Auto** **1020546364**
Target **717 BROADWAY ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 4 in cluster EU

Actual: EDR Hist Auto
28 ft.

Focus Map:
36

Year:	Name:	Type:
1986	BRATCHERS 501 EXXON	Gasoline Service Stations
1987	BRATCHERS 501 EXXON	Gasoline Service Stations
1991	BRATCHER GROUP THE	Convenience Stores
1992	BRATCHER GROUP THE	Convenience Stores
1993	BRATCHER GROUP THE	Convenience Stores
1994	BRATCHER GROUP THE	Convenience Stores
1995	BRATCHER GROUP THE	Convenience Stores
1996	BRATCHER GROUP THE	Convenience Stores

ES672 **OASIS FUEL & BEVERAGE INC** **EDR Hist Auto** **1022074232**
Target **727 N OAK ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 5 of 5 in cluster ES

Actual: EDR Hist Auto
29 ft.

Focus Map:
36

Year:	Name:	Type:
1991	OASIS FUEL & BEVERAGE INC	Gasoline Service Stations, NEC

EV673 Target Property	**FORMER AMOCO MARY WISE ESTATE 515 HWY 501 MYRTLE BEACH, SC**	**UST**	**U004254326 N/A**

Site 1 of 3 in cluster EV

Actual: **23 ft.**
Focus Map: **36**

UST:

Name:	FORMER AMOCO MARY WISE ESTATE
Address:	515 HWY 501
City:	MYRTLE BEACH
Facility ID:	15078
Permit:	U 15078
Owner:	JEFFERIES, JAMES S
Owner Address:	HOBCAW POINT 216 WANDOLEA DR
Owner City, st, zip:	MT PLEASANT SC 29464
Owner Phone:	803-884-4944
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

EV674 Target Property	**SAILING AND SKI CONNECTION 515 HWY 501 MYRTLE BEACH, SC**	**LUST UST GWCI**	**U003524801 N/A**

Site 2 of 3 in cluster EV

Actual: **23 ft.**
Focus Map: **36**

LUST:

Name:	SAILING AND SKI CONNECTION
Address:	515 HWY 501
City,State,Zip:	MYRTLE BEACH, SC 29577-3816
Release Number:	1
Facility ID:	15213
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	JEFFERIES, JIM
Tank Owner Last Name:	JEFFERIES
Tank Owner First name:	JIM
NFA Date:	09/26/2016
Tank Owner City:	MT PLEASANT
Confirmed Date:	10/24/1991
Release Date:	04/23/1991
EID:	1784277
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SAILING AND SKI CONNECTION
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	10/24/1991
Prefix:	U
Total Score:	1

LUST:

Release Date:	04/23/1991
Cleanup Complete Date:	Not reported

SAILING AND SKI CONNECTION (Continued) **U003524801**

Depth to Ground Water:	7.5
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	10/24/1991
RP Name:	ORPHAN
RP Address:	216 WANDOLEA DR
RP City:	MT PLEASANT
RP State:	SC
RP Zip:	29464-2524
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	DS

UST:

Name:	SAILING AND SKI CONNECTION
Address:	515 HWY 501
City:	MYRTLE BEACH
Facility ID:	15213
Permit:	U 15213
Owner:	JEFFERIES, JIM
Owner Address:	216 WANDOLEA DR
Owner City, st, zip:	MT PLEASANT SC 29464-2524
Owner Phone:	843-884-4944

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

Name:	SAILING AND SKI CONNECTION
Address:	515 HWY 501
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

Name:	SAILING AND SKI CONNECTION
Address:	515 HWY 501
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

Name:	SAILING AND SKI CONNECTION
Address:	515 HWY 501
City:	MYRTLE BEACH

Tank ID:	4
Status:	**Abandoned**

SAILING AND SKI CONNECTION (Continued) **U003524801**

Capacity: 2000
Product: Fuel oil
Calcage: 25

Name: SAILING AND SKI CONNECTION
Address: 515 HWY 501
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 550
Product: Waste oil, burnt oil, used oil
Calcage: 25

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	15213
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 15213. RBCA Classification 5A1. Conducting investigation/Risk Assessment.

EV675 **ED RICKS 501 AMERICAN** — **EDR Hist Auto** — **1020744041**
Target **515 HWY 501** — **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster EV

Actual: **23 ft.**
Focus Map: **36**

EDR Hist Auto

Year:	Name:	Type:
1971	ED RICKS 501 AMERICAN	Gasoline Service Stations
1972	ED RICKS 501 AMERICAN	Gasoline Service Stations
1973	ED RICKS 501 AMERICAN	Gasoline Service Stations
1974	ED RICKS 501 AMERICAN	Gasoline Service Stations
1976	ED RICKS 501 AMERICAN	Gasoline Service Stations

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676 **COASTAL CARS INC** — **ECHO** — **1012277576**
Target **1114 3RD AVENUE SOUTH** — **N/A**
Property **MYRTLE BEACH, SC 29377**

Actual: **19 ft.**
Focus Map: **36**

ECHO:

Envid:	1012277576
Registry ID:	110040056792
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110040056792
Name:	COASTAL CARS INC
Address:	1114 3RD AVENUE SOUTH
City,State,Zip:	MYRTLE BEACH, SC 29377

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677 **CHRIS YAHNIS COASTAL INC** — **LUST** **UST** **GWCI** — **U003520118**
Target **851 BROADWAY** — **N/A**
Property **MYRTLE BEACH, SC**

Actual: **32 ft.**
Focus Map: **36**

LUST:

Name:	CHRIS YAHNIS COASTAL INC
Address:	851 BROADWAY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	10982
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CHRIS YAHNIS CORP
Tank Owner Last Name:	CHRIS YAHNIS CORP
Tank Owner First name:	Not reported
NFA Date:	09/30/2008
Tank Owner City:	FLORENCE
Confirmed Date:	08/12/1997
Release Date:	01/02/1990
EID:	1762377
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	CHRIS YAHNIS COASTAL INC
Local Fac First Name:	Not reported
User Name:	JACKSOSM
Cleanup Initiated Date:	01/09/1991
Prefix:	N
Total Score:	3

CHRIS YAHNIS COASTAL INC (Continued) **U003520118**

LUST:

Release Date:	01/02/1990
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	01/09/1991
RP Name:	CHRIS YAHNIS CORP
RP Address:	1440 SCHLITZ DR
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501-6800
SCRBCA Class Code:	CLASS3BF
Project Manager:	JACKSON, STEPHANIE M
Release Fin Type Code:	WS

Name:	CHRIS YAHNIS COASTAL INC
Address:	851 BROADWAY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	2
Facility ID:	10982
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CHRIS YAHNIS CORP
Tank Owner Last Name:	CHRIS YAHNIS CORP
Tank Owner First name:	Not reported
NFA Date:	08/19/1997
Tank Owner City:	FLORENCE
Confirmed Date:	08/12/1997
Release Date:	04/10/1997
EID:	1762377
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	CHRIS YAHNIS COASTAL INC
Local Fac First Name:	Not reported
User Name:	PASLEYDC
Cleanup Initiated Date:	08/12/1997
Prefix:	N
Total Score:	Not reported

LUST:

Release Date:	01/02/1990
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	01/09/1991
RP Name:	CHRIS YAHNIS CORP
RP Address:	1440 SCHLITZ DR
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501-6800
SCRBCA Class Code:	CLASS3BF

CHRIS YAHNIS COASTAL INC (Continued) **U003520118**

Project Manager: JACKSON, STEPHANIE M
Release Fin Type Code: WS

UST:

Name: CHRIS YAHNIS COASTAL INC
Address: 851 BROADWAY
City: MYRTLE BEACH
Facility ID: 10982
Permit: N 10982
Owner: CHRIS YAHNIS CORP
Owner Address: 1440 SCHLITZ DR
Owner City, st, zip: FLORENCE SC 29501-6800
Owner Phone: 843-662-6627

Tank ID: 1
Status: **Abandoned**
Capacity: 5000
Product: Gasoline
Calcage: 25

Name: CHRIS YAHNIS COASTAL INC
Address: 851 BROADWAY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 5000
Product: Gasoline
Calcage: 25

Name: CHRIS YAHNIS COASTAL INC
Address: 851 BROADWAY
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 5000
Product: Diesel fuel
Calcage: 25

Name: CHRIS YAHNIS COASTAL INC
Address: 851 BROADWAY
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 250
Product: Waste oil, burnt oil, used oil
Calcage: 25

Name: CHRIS YAHNIS COASTAL INC
Address: 851 BROADWAY
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**

CHRIS YAHNIS COASTAL INC (Continued) **U003520118**

Capacity:	250
Product:	Not reported
Calcage:	25

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10982
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 10982. RBCA Classification 3BF8. Awaiting Funding.

EU678	**BRATCHER GROUP THE**	**EDR Hist Auto**	**1022205977**
Target	**717 BROADWAY**		**N/A**
Property	**MYRTLE BEACH, SC 29577**		

Site 2 of 4 in cluster EU

Actual: EDR Hist Auto
29 ft.

Focus Map:
36

Year:	Name:	Type:
1987	BRATCHER GROUP THE*	Grocery Stores
1988	BRATCHER GROUP THE	Grocery Stores
1989	BRATCHER GROUP THE	Convenience Stores
1990	BRATCHER GROUP THE	Convenience Stores

EU679 **501 ENTRY PARK** **GWCI** **U003518761**
Target **717 E BROADWAY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 4 in cluster EU

Actual:
29 ft.
Focus Map:
36

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05098
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05098. RBCA Classification 3BF5. Inactive.

EW680 **NATIONAL LINEN** **SHWS** **S105621639**
Target **725 BROADWAY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 5 in cluster EW

Actual:
29 ft.
Focus Map:
36

SHWS:

Name:	NATIONAL LINEN
Address:	725 BROADWAY
City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCDRY0056253

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

EW681 **NU-WAY LAUNDRY INC** **EDR Hist Cleaner** **1018482037**
Target **725 BROADWAY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 5 in cluster EW

Actual: EDR Hist Cleaner
29 ft.

Focus Map:
36

Year:	Name:	Type:
1976	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1977	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1978	NU-WAY LAUNDRY INC	Drycleaning Plants, Except Rugs
1982	J L S INC	Linen Supply
1982	NU-WAY LAUNDRY INC	Linen Supply
1983	NU-WAY LAUNDRY INC	Linen Supply
1983	J L S INC	Linen Supply
1985	NU-WAY LAUNDRY INC	Linen Supply
1985	J L S INC	Linen Supply
1986	J L S INC	Linen Supply
1986	NU-WAY LAUNDRY INC	Linen Supply
1987	NU-WAY LAUNDRY INC	Linen Supply
1987	J L S INC	Linen Supply
1988	NU-WAY LAUNDRY INC	Linen Supply
1988	J L S INC	Drycleaning Plants, Except Rugs

EW682 **FMR ROYAL CLEANERS** **DRYCLEANERS** **S119122386**
Target **725 BROADWAY** **N/A**
Property **MYRTLE BEACH, SC**

Site 3 of 5 in cluster EW

Actual: Drycleaners:
29 ft.

Focus Map:
36

BLWM Number:	56253
Rank:	N
Priority Group Explanation:	N

EU683 **GRAHAMS ESSO SERVICE STATION** **EDR Hist Auto** **1021282072**
Target **702 BROADWAY ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 4 in cluster EU

Actual: EDR Hist Auto
29 ft.

Focus Map:
36

Year:	Name:	Type:
1969	GRAHAMS ESSO SERVICE STATION	Gasoline Service Stations
1970	GRAHAMS ESSO SERVICE STATION	Gasoline Service Stations
1971	GRAHAMS ESSO SERVICE STATION	Gasoline Service Stations

EW684 **Target** **Property**	**ROYAL CLEANERS** **612 BROADWAY** **MYRTLE BEACH, SC 29577**	**RCRA-SQG** **SHWS** **ECHO** **DRYCLEANERS**	**1000147472** **SCD080772882**

Site 4 of 5 in cluster EW

Actual:
29 ft.

Focus Map:
36

RCRA Listings:

Date Form Received by Agency:	2020-01-16 00:00:00.0
Handler Name:	ROYAL CLEANERS
Handler Address:	612 BROADWAY
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD080772882
Contact Name:	JAY L SCHWARTZ
Contact Address:	BROADWAY
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-448-7041
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	OWNER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	BROADWAY
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	RC CAPPS JR
Owner Type:	Private
Operator Name:	ROYAL CLEANERS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-17 10:05:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212

ROYAL CLEANERS (Continued) **1000147472**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	R C CAPPS JR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR

ROYAL CLEANERS (Continued) **1000147472**

Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	R C CAPPS JR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OWNERSTREET
Owner/Operator City,State,Zip:	OWNERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RC CAPPS JR
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROYAL CLEANERS
Legal Status:	Private
Date Became Current:	2003-02-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	612 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-448-7041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-11-02 00:00:00.0
Handler Name:	ROYAL CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-02 00:00:00.0
Handler Name:	ROYAL CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-03-29 00:00:00.0
Handler Name:	ROYAL CLEANERS
Federal Waste Generator Description:	Small Quantity Generator

ROYAL CLEANERS (Continued) **1000147472**

State District Owner: SC
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2013-09-18 00:00:00.0
Handler Name: ROYAL CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2014-01-09 00:00:00.0
Handler Name: ROYAL CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2015-01-15 00:00:00.0
Handler Name: ROYAL CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-02-01 00:00:00.0
Handler Name: ROYAL CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

ROYAL CLEANERS (Continued) **1000147472**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-27 00:00:00.0
Handler Name:	ROYAL CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-01-31 00:00:00.0
Handler Name:	ROYAL CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2020-01-16 00:00:00.0
Handler Name:	ROYAL CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	81231
NAICS Description:	COIN-OPERATED LAUNDRIES AND DRYCLEANERS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1987-12-08 00:00:00.0
Actual Return to Compliance Date:	1988-02-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State

ROYAL CLEANERS (Continued) **1000147472**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2015-06-05 00:00:00.0
Actual Return to Compliance Date: 2015-06-05 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2015-06-09 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

ROYAL CLEANERS (Continued) **1000147472**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

ROYAL CLEANERS (Continued) **1000147472**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1987-12-08 00:00:00.0
Actual Return to Compliance Date: 1988-02-17 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

ROYAL CLEANERS (Continued) **1000147472**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

ROYAL CLEANERS (Continued) **1000147472**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1987-12-08 00:00:00.0
Actual Return to Compliance Date: 1988-02-17 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

ROYAL CLEANERS (Continued) **1000147472**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2015-06-05 00:00:00.0
Actual Return to Compliance Date:	2015-06-05 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1987-12-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Actual Return to Compliance Date:	1988-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2015-06-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-01-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-12-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

ROYAL CLEANERS (Continued) **1000147472**

Former Citation:	Not reported
Evaluation Date:	2003-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-06-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

ROYAL CLEANERS (Continued) **1000147472**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-12-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-06-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2015-06-05 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	ROYAL CLEANERS- SOUTH
Address:	612 BROADWAY
City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCDRY0051800

ECHO:

Envid:	1000147472
Registry ID:	110004938514
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004938514
Name:	ROYAL CLEANERS
Address:	612 BROADWAY
City,State,Zip:	MYRTLE BEACH, SC 29577

ROYAL CLEANERS (Continued) **1000147472**

Drycleaners:
BLWM Number: 51800
Rank: II
Priority Group Explanation: II

EW685 **ROYAL CLEANERS MYRTLE BEACH*** **EDR Hist Cleaner** **1018788897**
Target **612-14 BROADWAY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 5 of 5 in cluster EW

Actual:
29 ft.
EDR Hist Cleaner

Focus Map:
36

Year:	Name:	Type:
1969	ROYAL CLEANERS MYRTLE BEACH*	Drycleaning Plants, Except Rugs
1970	ROYAL CLEANERS MYRTLE BEACH*	Drycleaning Plants, Except Rugs
1971	ROYAL CLEANERS MYRTLE BEACH*	Drycleaning Plants, Except Rugs
1972	ROYAL CLEANERS MYRTLE BEACH*	Drycleaning Plants, Except Rugs
1973	ROYAL CLEANERS MYRTLE BEACH*	Drycleaning Plants, Except Rugs
1974	ROYAL CLEANERS MYRTLE BEACH*	Drycleaning Plants, Except Rugs
1975	ROYAL CLEANERS OF MYRTLE BCH*	Drycleaning Plants, Except Rugs
1976	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1977	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1978	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1979	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1980	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1982	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1983	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1985	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1986	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1987	MYRTLE BEACH CLEANERS & LDRY*	Drycleaning Plants, Except Rugs
1988	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1989	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1990	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs

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686 **MYRTLE BEACH CLEANERS & LDRY** **EDR Hist Cleaner** **1020046427**
Target **612 BROADWAY ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Cleaner

Actual:
25 ft.

Focus Map:
36

Year:	Name:	Type:
1991	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1992	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1993	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1994	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1995	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1996	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1997	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1998	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
1999	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2000	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2001	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2002	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2003	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2004	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs

MYRTLE BEACH CLEANERS & LDRY (Continued) **1020046427**

2005	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2006	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2007	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2008	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2009	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2010	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2011	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2012	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2013	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs
2014	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs

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687
Target Property **1359 CANNON RD**
MYRTLE BEACH, SC 29577

CDL **S113669178**
N/A

Actual: 20 ft.
Focus Map: 35

CDL 2:

Name:	Not reported
Address:	1359 CANNON RD
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	01/07/2013
Facility Detail:	Not reported
Lab Address:	1359 Cannon RdMyrtle Beach, SC 29577
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

688
Target Property **HUMMINGBIRD SITE**
800 N KINGS HWY
MYRTLE BEACH, SC

LUST **U003836635**
UST **N/A**

Actual: 32 ft.
Focus Map: 36

LUST:

Name:	HUMMINGBIRD SITE
Address:	800 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29579
Release Number:	1
Facility ID:	18794
Release Status Number:	6
Substance:	PETROL
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	MYRTLE BEACH CITY OF
Tank Owner First name:	Not reported
NFA Date:	10/30/2002
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	05/24/2002
Release Date:	05/22/2002
EID:	3679865
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25

HUMMINGBIRD SITE (Continued) **U003836635**

Qualified: Y
Release Source: UST
Local Fac Last Name: HUMMINGBIRD SITE
Local Fac First Name: Not reported
User Name: ANDERSPE
Cleanup Initiated Date: 05/24/2002
Prefix: N
Total Score: 1

LUST:
Release Date: 05/22/2002
Cleanup Complete Date: 10/30/2002
Depth to Ground Water: 14
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 05/24/2002
RP Name: MYRTLE BEACH CITY OF
RP Address: 937 BROADWAY
RP City: MYRTLE BEACH
RP State: SC
RP Zip: 29577
SCRBCA Class Code: CLASS3BF
Project Manager: ANDERSON, PAULA E
Release Fin Type Code: W25

UST:
Name: HUMMINGBIRD SITE
Address: 800 N KINGS HWY
City: MYRTLE BEACH
Facility ID: 18794
Permit: N 18794
Owner: MYRTLE BEACH CITY OF
Owner Address: PO BOX 2468
Owner City, st, zip: MYRTLE BEACH SC 29578-2468
Owner Phone: 843-918-2160

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: 30

Name: HUMMINGBIRD SITE
Address: 800 N KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 30

Name: HUMMINGBIRD SITE
Address: 800 N KINGS HWY
City: MYRTLE BEACH

HUMMINGBIRD SITE (Continued) **U003836635**

Tank ID:	3
Status:	**Abandoned**
Capacity:	550
Product:	Waste oil, burnt oil, used oil
Calcage:	30
Name:	HUMMINGBIRD SITE
Address:	800 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	30

EX689 **PEE DEE CONV** **GWCI** **U003629236**
Target **6409 FORESTBROOK DR HWY 544** **N/A**
Property **MYRTLE BEACH, SC 29579**

Site 1 of 2 in cluster EX

Actual:
20 ft.
Focus Map:
34

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10344
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

PEE DEE CONV (Continued) **U003629236**

Remarks: Site ID # 10344. RBCA Classification 3BE8. Awaiting Funding.

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690 **GRAVES ENTERPRISES INC** **ECHO** **1016344280**
Target **132 LEISURE LN** **N/A**
Property **MYRTLE BEACH, SC 29588**

Actual:
19 ft.

Focus Map:
33

ECHO:

Envid:	1016344280
Registry ID:	110038271713
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038271713
Name:	GRAVES ENTERPRISES INC
Address:	132 LEISURE LN
City,State,Zip:	MYRTLE BEACH, SC 29588

EX691 **CIRCLE K 2723063** **GWCI** **U003993981**
Target **6356 OLD HWY 544** **N/A**
Property **SOCASTEE, SC 29577**

Site 2 of 2 in cluster EX

Actual:
20 ft.

Focus Map:
34

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10145
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No

CIRCLE K 2723063 (Continued) **U003993981**

Remarks: Site ID # 10145. RBCA Classification 2AA4. Active corrective action.

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692 **OCEAN GROCERY** **LUST** **U004130977**
Target **6409 DICK POND RD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.

Focus Map:
34

LUST:

Name:	OCEAN GROCERY
Address:	6409 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	1
Facility ID:	10344
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	YOGIBAPA OF ELLOREE LLC
Tank Owner Last Name:	DESAI
Tank Owner First name:	UNNATIBEN
NFA Date:	02/13/1996
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	09/24/1997
Release Date:	12/31/1991
EID:	1758850
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BE
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	OCEAN GROCERY
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	02/13/1996
Prefix:	R
Total Score:	Not reported

LUST:

Release Date:	08/20/1997
Cleanup Complete Date:	Not reported
Depth to Ground Water:	1.2
Ground Water Flow Direction:	NE
Release Number:	2
Confirmed date:	09/24/1997
RP Name:	JOHNSON
RP Address:	1005 CHEROKEE ST
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BE
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

Name:	OCEAN GROCERY
Address:	6409 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	2
Facility ID:	10344
Release Status Number:	8
Substance:	PETRO

OCEAN GROCERY (Continued) **U004130977**

Tank Owner Company Name:	YOGIBAPA OF ELLOREE LLC
Tank Owner Last Name:	DESAI
Tank Owner First name:	UNNATIBEN
NFA Date:	05/08/2006
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	09/24/1997
Release Date:	08/20/1997
EID:	1758850
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BE
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	OCEAN GROCERY
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	09/24/1997
Prefix:	R
Total Score:	84

LUST:

Release Date:	08/20/1997
Cleanup Complete Date:	Not reported
Depth to Ground Water:	1.2
Ground Water Flow Direction:	NE
Release Number:	2
Confirmed date:	09/24/1997
RP Name:	JOHNSON
RP Address:	1005 CHEROKEE ST
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BE
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

Name:	OCEAN GROCERY
Address:	6409 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	3
Facility ID:	10344
Release Status Number:	8
Substance:	PETROL
Tank Owner Company Name:	YOGIBAPA OF ELLOREE LLC
Tank Owner Last Name:	DESAI
Tank Owner First name:	UNNATIBEN
NFA Date:	08/21/2018
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	09/24/1997
Release Date:	11/06/2017
EID:	1758850
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BE
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	OCEAN GROCERY

OCEAN GROCERY (Continued) **U004130977**

Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 12/05/2017
Prefix: R
Total Score: 0

LUST:
Release Date: 08/20/1997
Cleanup Complete Date: Not reported
Depth to Ground Water: 1.2
Ground Water Flow Direction: NE
Release Number: 2
Confirmed date: 09/24/1997
RP Name: JOHNSON
RP Address: 1005 CHEROKEE ST
RP City: MYRTLE BEACH
RP State: SC
RP Zip: 29577
SCRBCA Class Code: CLASS3BE
Project Manager: CLYMER, WESLEY
Release Fin Type Code: WS

UST:
Name: OCEAN GROCERY
Address: 6409 DICK POND RD
City: MYRTLE BEACH
Facility ID: 10344
Permit: R 10344
Owner: DESAI, UNNATIBEN
Owner Address: 6409 DICK POND RD
Owner City, st, zip: MYRTLE BEACH SC 29588
Owner Phone: 803-347-6858

Tank ID: 1
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: OCEAN GROCERY
Address: 6409 DICK POND RD
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 2000
Product: Diesel fuel
Calcage: 0

Name: OCEAN GROCERY
Address: 6409 DICK POND RD
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 4000

OCEAN GROCERY (Continued) **U004130977**

Product: Gasoline RUL
Calcage: 0

Name: OCEAN GROCERY
Address: 6409 DICK POND RD
City: MYRTLE BEACH

Tank ID: 4
Status: **Currently in Use**
Capacity: 4000
Product: Gasoline Super/Prem
Calcage: 0

Name: OCEAN GROCERY
Address: 6409 DICK POND RD
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: OCEAN GROCERY
Address: 6409 DICK POND RD
City: MYRTLE BEACH

Tank ID: 6
Status: **Currently in Use**
Capacity: 2000
Product: Gasoline
Calcage: 0

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693 **MONTICELLO ONE HOUR** **EDR Hist Cleaner** **1020025876**
Target **534 W BROADWAY ST 106** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Cleaner

Actual:
22 ft.

Focus Map:
36

Year:	Name:	Type:
1991	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
1992	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
1993	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
1994	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
1995	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
2006	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
2007	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
2008	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
2009	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC
2010	MONTICELLO ONE HOUR	Drycleaning Plants, Except Rugs, NEC

694 **Target** **Property**	**UNITED BODY SHOP** **315 BROADWAY** **MYRTLE BEACH, SC 29577**	**RCRA-VSQG** **ECHO**	**1004780390** **SCD987572500**

Actual:
25 ft.

Focus Map:
36

RCRA Listings:

Date Form Received by Agency:	2002-03-27 00:00:00.0
Handler Name:	UNITED BODY SHOP
Handler Address:	315 BROADWAY
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD987572500
Contact Name:	JOEY DELINGER
Contact Address:	315 BROADWAY
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	803-448-2775
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	BROADWAY
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	JOEY DELLINGER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

UNITED BODY SHOP (Continued) **1004780390**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

UNITED BODY SHOP (Continued) **1004780390**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOEY DELLINGER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	315 BROADWAY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-07-25 00:00:00.0
Handler Name:	UNITED BODY SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	UNITED BODY SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004780390
Registry ID:	110004940789
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004940789

UNITED BODY SHOP (Continued) **1004780390**

Name:	UNITED BODY SHOP
Address:	315 BROADWAY
City,State,Zip:	MYRTLE BEACH, SC 29577

EY695 **SCOTCHMAN 64** **GWCI** **U004019014**
Target **1001 3RD AVE S & BOARDWALK** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster EY

Actual:
19 ft.

Focus Map:
36

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05140
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05140. RBCA Classification 3BA8. Awaiting Funding.

EY696 **SCOTCHMAN 3064** **LUST** **U004291446**
Target **1101 3RD AVE S** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster EY

Actual:
19 ft.

Focus Map:
36

LUST:

Name:	SCOTCHMAN 3064
Address:	1101 3RD AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05140
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GPM SOUTHEAST LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	07/06/1992
Prefix:	Not reported
Total Score:	4661

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	8.099
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	07/06/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BA
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 3064
Address:	1101 3RD AVE S
City:	MYRTLE BEACH
Facility ID:	05140
Permit:	P 05140
Owner:	GPM SOUTHEAST LLC
Owner Address:	8565 MAGELLAN PKWY STE 400

SCOTCHMAN 3064 (Continued) **U004291446**

Owner City, st, zip: RICHMOND VA 23227
Owner Phone: 804-730-1568

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: SCOTCHMAN 3064
Address: 1101 3RD AVE S
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: SCOTCHMAN 3064
Address: 1101 3RD AVE S
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: SCOTCHMAN 3064
Address: 1101 3RD AVE S
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Kerosene
Calcage: 5

Name: SCOTCHMAN 3064
Address: 1101 3RD AVE S
City: MYRTLE BEACH

Tank ID: 5
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: SCOTCHMAN 3064
Address: 1101 3RD AVE S
City: MYRTLE BEACH

Tank ID: 6
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem

SCOTCHMAN 3064 (Continued) **U004291446**

Calcage: 0

EZ697 Target Property | **CIRCLE K 2723063**
6326 DICK POND RD
MYRTLE BEACH, SC | **LUST UST** | **U004291704 N/A**

Site 1 of 2 in cluster EZ

Actual:
17 ft.

Focus Map:
34

LUST:

Name:	CIRCLE K 2723063
Address:	6326 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588-9273
Release Number:	1
Facility ID:	10145
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	CIRCLE K STORES INC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	CHARLOTTE
Confirmed Date:	08/06/1990
Release Date:	12/28/1989
EID:	1757617
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2AA
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CIRCLE K 2723063
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	08/06/1990
Prefix:	P
Total Score:	1334

LUST:

Release Date:	12/28/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	08/06/1990
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS2AA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CIRCLE K 2723063
Address:	6326 DICK POND RD
City:	MYRTLE BEACH
Facility ID:	10145

CIRCLE K 2723063 (Continued) **U004291704**

Permit:	P 10145
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574
Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	CIRCLE K 2723063
Address:	6326 DICK POND RD
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline
Calcage:	0
Name:	CIRCLE K 2723063
Address:	6326 DICK POND RD
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	0

EZ698 **PANTRY INC** **EDR Hist Auto** **1021033450**
Target **6326 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 2 in cluster EZ

Actual:
17 ft.

Focus Map:
34

EDR Hist Auto

Year:	Name:	Type:
2014	PANTRY INC	Gasoline Service Stations

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699 **DON L MORSE CO INC** **UST** **U003520837**
Target **400 W BROADWAY** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
25 ft.

Focus Map:
36

UST:

Name:	DON L MORSE CO INC
Address:	400 W BROADWAY
City:	MYRTLE BEACH
Facility ID:	15139
Permit:	N 15139
Owner:	ESTATE OF HARRY RASSMUSSEN MRS
Owner Address:	474 POINT DR
Owner City, st, zip:	SURFSIDE BEACH SC 29576

DON L MORSE CO INC (Continued) **U003520837**

Owner Phone: Not reported

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Hazardous substance
Calcage: 20

---

700 **ENGINE SHOP GARAGE** **EDR Hist Auto** **1020633069**
Target **903 TODD ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
15 ft.

Focus Map:
36

Year:	Name:	Type:
1994	ENGINE SHOP GARAGE	Automotive Transmission Repair Shops
1995	ENGINE SHOP GARAGE	Automotive Transmission Repair Shops
1996	ENGINE SHOP GARAGE	Automotive Transmission Repair Shops
1997	ENGINE SHOP GARAGE	Automotive Transmission Repair Shops
1998	ENGINE SHOP GARAGE	Automotive Transmission Repair Shops
1999	ENGINE SHOP GARAGE	Automotive Transmission Repair Shops
2003	DON & JOHN AUTOMOTIVE	General Automotive Repair Shops
2004	DON & JOHN AUTOMOTIVE	General Automotive Repair Shops
2014	AFFORDABLE GARAGE	General Automotive Repair Shops

FA701 **BOB BIBLE HONDA/BMW** **LUST** **U003988238**
Target **1100 3RD AVE S** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 1 of 3 in cluster FA

Actual:
18 ft.

Focus Map:
36

LUST:
Name: BOB BIBLE HONDA/BMW
Address: 1100 3RD AVE S
City,State,Zip: MYRTLE BEACH, SC 29577
Release Number: 1
Facility ID: 05219
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: BIBLE, ROBERT
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: Not reported
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: 05/07/1996
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: WYKELJM
Cleanup Initiated Date: 08/21/1997

BOB BIBLE HONDA/BMW (Continued) **U003988238**

Prefix:	Not reported
Total Score:	300100

LUST:

Release Date:	05/07/1996
Cleanup Complete Date:	Not reported
Depth to Ground Water:	10
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	08/21/1997
RP Name:	BIBLE
RP Address:	7 GROVE PARK CT
RP City:	TAYLORS
RP State:	SC
RP Zip:	29687-5441
SCRBCA Class Code:	CLASS3BE
Project Manager:	SHRADER, ART A
Release Fin Type Code:	R25

UST:

Name:	BOB BIBLE HONDA/BMW
Address:	1100 3RD AVE S
City:	MYRTLE BEACH
Facility ID:	05219
Permit:	N 05219
Owner:	BIBLE, ROBERT E
Owner Address:	1100 3RD AVE S
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	803-626-3581
Tank ID:	1
Status:	**Abandoned**
Capacity:	3200
Product:	Gasoline
Calcage:	10
Name:	BOB BIBLE HONDA/BMW
Address:	1100 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	1600
Product:	Waste oil, burnt oil, used oil
Calcage:	10

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05219
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True

BOB BIBLE HONDA/BMW (Continued) **U003988238**

Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05219. RBCA Classification 3BE6. Contacted.

FA702 **BOB BIBLE HONDA ISUZU INCORPORATED** **ECHO** **1016184902**
Target **1100 3RD AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster FA

Actual:
18 ft.

Focus Map:
36

ECHO:

Envid:	1016184902
Registry ID:	110002194018
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002194018
Name:	BOB BIBLE HONDA ISUZU INCORPORATED
Address:	1100 3RD AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577

FA703 **BOB BIBLE HONDA ISUZU INC** **RCRA-VSQG** **1000104747**
Target **1100 3RD AVE SOUTH** **SCD982102675**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster FA

Actual:
18 ft.

Focus Map:
36

RCRA Listings:

Date Form Received by Agency:	1998-07-06 00:00:00.0
Handler Name:	BOB BIBLE HONDA ISUZU INC
Handler Address:	1100 3RD AVE SOUTH
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD982102675
Contact Name:	GUY EMERSON
Contact Address:	1100 3RD AVE SOUTH

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-626-3581
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	3RD AVE SOUTH
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	ROBERT E BIBLE
Owner Type:	Private
Operator Name:	OPERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: F001

Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002

Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Owner

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

Owner/Operator Name:	ROBERT E BIBLE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 3RD AVE SOUTH
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-07-06 00:00:00.0
Handler Name:	BOB BIBLE HONDA ISUZU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-03-17 00:00:00.0
Actual Return to Compliance Date:	1992-08-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-04-30 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-03-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCSMK
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1991-03-27 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: SC
Evaluation Responsible Sub-Organization: WM

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-03-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: 1992-08-20 00:00:00.0
Scheduled Compliance Date: 1992-04-30 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-06-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-02-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-08-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

BOB BIBLE HONDA ISUZU INC (Continued) **1000104747**

Former Citation: Not reported

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704 **PARTY TIME FOODS** **EDR Hist Auto** **1021034954**
Target **217 W BROADWAY** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
21 ft.
Focus Map:
36

Year:	Name:	Type:
1973	PARTY TIME FOODS	Grocery Stores
1974	PARTY TIME FOODS	Grocery Stores
1975	PARTY TIME FOODS	Grocery Stores
1976	PARTY TIME FOODS	Grocery Stores
1977	PARTY TIME FOODS	Grocery Stores
1978	PARTY TIME FOODS	Grocery Stores
1979	PARTY TIME FOODS	Grocery Stores
1980	PARTY TIME FOODS	Grocery Stores
1982	PARTY TIME FOODS	Grocery Stores

---

705 **BUCKSPORT GROCERY** **EDR Hist Auto** **1020201747**
Target **8150 HIGHWAY 701 S** **N/A**
Property **CONWAY, SC 29527**

EDR Hist Auto

Actual:
12 ft.
Focus Map:
32

Year:	Name:	Type:
1992	BUCKSPORT GROCERY	Convenience Stores
1993	BUCKSPORT GROCERY	Convenience Stores
1994	BUCKSPORT GROCERY	Convenience Stores

FB706 **FIRESTONE STORE 0578** **UST** **U003521257**
Target **613 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 5 in cluster FB

Actual:
26 ft.
Focus Map:
36

UST:

Name:	FIRESTONE STORE 0578
Address:	613 N KINGS HWY
City:	MYRTLE BEACH
Facility ID:	05151
Permit:	N 05151
Owner:	DILMAR OIL COMPANY INC
Owner Address:	401 S MARION ST
Owner City, st, zip:	LATTA SC 29565
Owner Phone:	800-768-5693

Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Waste oil, burnt oil, used oil
Calcage:	Not reported

FB707 **SCOTCHMAN 137** **LUST** **U004291793**
Target **600 N KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 5 in cluster FB

Actual:
27 ft.

Focus Map:
36

LUST:

Name:	SCOTCHMAN 137
Address:	600 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	11823
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	CENAMA INC
Tank Owner First name:	Not reported
NFA Date:	03/23/2016
Tank Owner City:	WILMINGTON
Confirmed Date:	03/18/1992
Release Date:	12/23/1991
EID:	1767392
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 137
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	03/18/1992
Prefix:	R
Total Score:	300100

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	9.419
Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 137
Address:	600 N KINGS HWY
City:	MYRTLE BEACH
Facility ID:	11823
Permit:	R 11823
Owner:	CENAMA INC
Owner Address:	123 SHIPYARD BLVD

SCOTCHMAN 137 (Continued) **U004291793**

Owner City, st, zip:	WILMINGTON NC 28412
Owner Phone:	910-395-5300
Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25
Name:	SCOTCHMAN 137
Address:	600 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	5000
Product:	Gasoline
Calcage:	25
Name:	SCOTCHMAN 137
Address:	600 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	25
Name:	SCOTCHMAN 137
Address:	600 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	25

FB708 **EDS SUNOCO SERVICE** **EDR Hist Auto** **1020461379**
Target **600 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 5 in cluster FB

Actual:
27 ft.
EDR Hist Auto

Focus Map:
36

Year:	Name:	Type:
1969	EDS SUNOCO SERVICE	Gasoline Service Stations
1970	EDS SUNOCO SERVICE	Gasoline Service Stations
1976	F & B SUNOCO SERVICE	Gasoline Service Stations
1977	F & B SUNOCO SERVICE	Gasoline Service Stations
1978	F & B SUNOCO SERVICE	Gasoline Service Stations
1979	F & B SUNOCO SERVICE	Gasoline Service Stations
1980	F & B SUNOCO SERVICE	Gasoline Service Stations
1982	F & B SUNOCO SERVICE	Gasoline Service Stations
1983	F & B SUNOCO SERVICE	Gasoline Service Stations

FB709	**SAVEMART**	**UST**	**U004255283**
Target	**600 N KINGS HWY**		**N/A**
Property	**MYRTLE BEACH, SC**		

Site 4 of 5 in cluster FB

Actual:
27 ft.

Focus Map:
36

UST:

Name:	SAVEMART
Address:	600 N KINGS HWY
City:	MYRTLE BEACH
Facility ID:	19463
Permit:	P 19463
Owner:	PATEL, DEEPTI
Owner Address:	600 N KINGS HWY
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-946-0000
Tank ID:	1
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	0
Name:	SAVEMART
Address:	600 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	8000
Product:	Multiple petroleum
Calcage:	0

FC710	**CIRCLE K 2720479**	**LUST**	**U004291453**
Target	**1009 3RD AVE S**	**UST**	**N/A**
Property	**MYRTLE BEACH, SC**		

Site 1 of 2 in cluster FC

Actual:
19 ft.

Focus Map:
36

LUST:

Name:	CIRCLE K 2720479
Address:	1009 3RD AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05210
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/12/2013
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/19/2012
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported

CIRCLE K 2720479 (Continued) **U004291453**

Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: SHRADEAA
Cleanup Initiated Date: 08/03/2012
Prefix: Not reported
Total Score: 1

LUST:
Release Date: 07/19/2012
Cleanup Complete Date: Not reported
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 08/03/2012
RP Name: PANTRY INC
RP Address: 1801 DOUGLAS DR
RP City: SANFORD
RP State: NC
RP Zip: 27330
SCRBCA Class Code: CLASS5B
Project Manager: SHRADER, ART A
Release Fin Type Code: ENQ

UST:
Name: CIRCLE K 2720479
Address: 1009 3RD AVE S
City: MYRTLE BEACH
Facility ID: 05210
Permit: R 05210
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

Name: CIRCLE K 2720479
Address: 1009 3RD AVE S
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Plus
Calcage: 5

Name: CIRCLE K 2720479
Address: 1009 3RD AVE S
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**

CIRCLE K 2720479 (Continued) **U004291453**

Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

FC711 **PANTRY INC** **EDR Hist Auto** **1021711594**
Target **1009 3RD AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster FC

Actual:
19 ft.

EDR Hist Auto

Focus Map:
36

Year:	Name:	Type:
2001	PANTRY INC	Convenience Stores
2002	PANTRY INC	Convenience Stores
2003	PANTRY INC	Convenience Stores
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

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712 **A-1 TRANSMISSION** **EDR Hist Auto** **1021147978**
Target **307 HIGHWAY 15** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
19 ft.

Focus Map:
36

Year:	Name:	Type:
1988	A-1 TRANSMISSION	Automotive Repair Shops, NEC
1989	A-1 TRANSMISSION	Automotive Transmission Repair Shops
1990	A-1 TRANSMISSION	Automotive Transmission Repair Shops
1991	A-1 TRANSMISSION	Automotive Transmission Repair Shops
1992	A-1 TRANSMISSION	Automotive Transmission Repair Shops
1993	A-1 TRANSMISSION	Automotive Transmission Repair Shops
1994	A-1 TRANSMISSION	Automotive Transmission Repair Shops
1995	A-1 TRANSMISSION	Automotive Transmission Repair Shops

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713 **ROBERT O. COLLINS CO INC HIGHWAY 544 COMPOSTING YA** **SWF/LF** **S108237933**
Target **N/A**
Property **HORRY (County), SC**

Actual:
17 ft.

Focus Map:
34

LF:

Name:	ROBERT O. COLLINS CO INC HIGHWAY 544 COMPOSTING YARD
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	P. O. Box 61030
Mailing State:	SC
Mailing City:	N. Charleston

ROBERT O. COLLINS CO INC HIGHWAY 544 COMPOSTING YARD (Continued) **S108237933**

Mailing Zip:	29419
Facility ID:	262659-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	684684.1875
UTM-N:	3729648
Contact Name:	Rebecca Collins
Contact Phone:	(843) 552-1408

FB714 **USPS MYRTLE BEACH** **LUST** **U001743701**
Target **512 N KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 5 of 5 in cluster FB

Actual:
24 ft.

Focus Map:
36

LUST:

Name:	USPS MYRTLE BEACH
Address:	512 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-9998
Release Number:	1
Facility ID:	05058
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	USPS COLUMBIA
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/04/1998
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/06/1998
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILLIACJ
Cleanup Initiated Date:	04/06/1998
Prefix:	Not reported
Total Score:	59

LUST:

Release Date:	03/06/1998
Cleanup Complete Date:	11/04/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	04/06/1998

USPS MYRTLE BEACH (Continued) **U001743701**

RP Name:	USPS YORK
RP Address:	2901 S I85
RP City:	CHARLOTTE
RP State:	NC
RP Zip:	28228-0001
SCRBCA Class Code:	CLASS4BA
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	WO

UST:

Name:	USPS MYRTLE BEACH
Address:	512 N KINGS HWY
City:	MYRTLE BEACH
Facility ID:	05058
Permit:	N 05058
Owner:	USPS COLUMBIA
Owner Address:	2001 DIXIANA RD
Owner City, st, zip:	WEST COLUMBIA SC 29172
Owner Phone:	803-926-4301

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported

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715 **TODDS GROCERY** **UST** **U004017534**
Target **1500 HWY 15** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
29 ft.

Focus Map:
35

UST:

Name:	TODDS GROCERY
Address:	1500 HWY 15
City:	MYRTLE BEACH
Facility ID:	13970
Permit:	U 13970
Owner:	SAND RIDGE MOBILE HOMES
Owner Address:	PO BOX 2296
Owner City, st, zip:	MYRTLE BEACH SC 29578-2296
Owner Phone:	803-448-3741

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	15

Name:	TODDS GROCERY
Address:	1500 HWY 15
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	15

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
716	**BAUSCH LINNEMANN NORTH AMREICA**	**RCRA-SQG**	**1017788947**
Target	**1175 HARRELSON BLVD**	**ECHO**	**SCR000778894**
Property	**MYRTLE BEACH, SC 29577**		

Actual:
19 ft.

Focus Map:
35

RCRA Listings:

Date Form Received by Agency:	2020-01-15 00:00:00.0
Handler Name:	BAUSCH LINNEMANN NORTH AMREICA
Handler Address:	1175 HARRELSON BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000778894
Contact Name:	ALLYSON SMITH
Contact Address:	HARRELSON BLVD
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-848-3000 x3006
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	LAB MGR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HARRELSON BLVD
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	BAUSCH LINNEMANN NORTH AMERICA
Owner Type:	Private
Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-15 14:56:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BAUSCH LINNEMANN NORTH AMERICA
Legal Status:	Private
Date Became Current:	2015-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1175 HARRELSON BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-274-9877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-04-08 00:00:00.0
Handler Name:	BAUSCH LINNEMANN NORTH AMREICA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-23 00:00:00.0
Handler Name:	BAUSCH LINNEMANN NORTH AMREICA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-06-29 00:00:00.0
Handler Name:	BAUSCH LINNEMANN NORTH AMREICA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2019-04-03 00:00:00.0
Handler Name: BAUSCH LINNEMANN NORTH AMREICA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2019-05-30 00:00:00.0
Handler Name: BAUSCH LINNEMANN NORTH AMREICA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-01-15 00:00:00.0
Handler Name: BAUSCH LINNEMANN NORTH AMREICA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 322220
NAICS Description: PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 2017-06-28 00:00:00.0
Actual Return to Compliance Date: 2017-06-30 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2017-06-28 00:00:00.0
Actual Return to Compliance Date: 2017-06-30 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2017-06-28 00:00:00.0
Actual Return to Compliance Date: 2017-06-29 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2017-06-28 00:00:00.0
Actual Return to Compliance Date: 2017-06-29 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2017-06-28 00:00:00.0
Actual Return to Compliance Date: 2017-06-29 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2017-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-06-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-06-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported

BAUSCH LINNEMANN NORTH AMREICA (Continued) **1017788947**

Actual Return to Compliance Date:	2017-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1017788947
Registry ID:	110064386150
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064386150
Name:	BAUSCH LINNEMANN NORTH AMREICA
Address:	1175 HARRELSON BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577

FD717 **TOWN & COUNTRY GROCERY** **EDR Hist Auto** **1021643530**
Target **1 PARK DRIVE** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster FD

Actual:
22 ft.

EDR Hist Auto

Focus Map:
35

Year:	Name:	Type:
1972	TOWN & COUNTRY GROCERY	Grocery Stores

FD718 **SQUIRE CORNER CAFE** **LUST** **U004017965**
Target **1 PARK DR** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster FD

Actual:
22 ft.

Focus Map:
35

LUST:

Name:	SQUIRE CORNER CAFE
Address:	1 PARK DR
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	16400
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SQUIRE, KEITH
Tank Owner Last Name:	SQUIRE

SQUIRE CORNER CAFE (Continued) **U004017965**

Tank Owner First name:	KEITH
NFA Date:	08/23/1996
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	06/20/1996
Release Date:	06/20/1996
EID:	1791314
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	SQUIRE CORNER CAFE
Local Fac First Name:	Not reported
User Name:	PASLEYDC
Cleanup Initiated Date:	06/20/1996
Prefix:	N
Total Score:	Not reported

UST:

Name:	SQUIRE CORNER CAFE
Address:	1 PARK DR
City:	MYRTLE BEACH
Facility ID:	16400
Permit:	N 16400
Owner:	SQUIRE, KEITH
Owner Address:	5877 CREEKSIDE DR
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	Not reported
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	25
Name:	SQUIRE CORNER CAFE
Address:	1 PARK DR
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	25

---

719 **Target** **Property**	**COASTAL SAVERS** **900 HWY 15** **MYRTLE BEACH, SC**	**LUST** **UST** **GWCI**	**U003629534** **N/A**

Actual:
22 ft.

Focus Map:
35

LUST:

Name:	COASTAL SAVERS
Address:	900 HWY 15
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	12399
Release Status Number:	1
Substance:	PETRO

COASTAL SAVERS (Continued) **U003629534**

Tank Owner Company Name:	THOMPKINS, HAROLD
Tank Owner Last Name:	THOMPKINS
Tank Owner First name:	HAROLD
NFA Date:	Not reported
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	12/31/1998
Release Date:	07/10/1998
EID:	1770401
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2AA
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	COASTAL SAVERS
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	12/31/1998
Prefix:	R
Total Score:	300200

LUST:

Release Date:	07/10/1998
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	12/31/1998
RP Name:	THOMPKINS
RP Address:	900 HWY 15
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	COASTAL SAVERS
Address:	900 HWY 15
City:	MYRTLE BEACH
Facility ID:	12399
Permit:	R 12399
Owner:	THOMPKINS, HAROLD
Owner Address:	900 HWY 15
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	000-000-0000

Tank ID:	1
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	15

Name:	COASTAL SAVERS
Address:	900 HWY 15
City:	MYRTLE BEACH

COASTAL SAVERS (Continued) **U003629534**

Tank ID:	2
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	15
Name:	COASTAL SAVERS
Address:	900 HWY 15
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15
Name:	COASTAL SAVERS
Address:	900 HWY 15
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Currently in Use**
Capacity:	3000
Product:	Gasoline Plus
Calcage:	15
Name:	COASTAL SAVERS
Address:	900 HWY 15
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	3000
Product:	Gasoline Super/Prem
Calcage:	15
Name:	COASTAL SAVERS
Address:	900 HWY 15
City:	MYRTLE BEACH
Tank ID:	6
Status:	**Currently in Use**
Capacity:	3000
Product:	Diesel fuel
Calcage:	15

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	12399
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False

COASTAL SAVERS (Continued) **U003629534**

Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 12399. RBCA Classification 3BA8. Awaiting Funding.

720
Target
Property

SURFSIDE EXXON
501 N KINGS HWY
MYRTLE BEACH, SC 29577

EDR Hist Auto **1020691690**
N/A

EDR Hist Auto

Actual:
19 ft.
Focus Map:
36

Year:	Name:	Type:
1977	SURFSIDE EXXON	Gasoline Service Stations
1978	SURFSIDE EXXON	Gasoline Service Stations
1979	SURFSIDE EXXON	Gasoline Service Stations
1980	SURFSIDE EXXON	Gasoline Service Stations
1982	SURFSIDE EXXON	Gasoline Service Stations
1983	SURFSIDE EXXON	Gasoline Service Stations
1985	SURFSIDE EXXON	Gasoline Service Stations
1986	SURFSIDE EXXON	Gasoline Service Stations
1987	SURFSIDE EXXON	Gasoline Service Stations
1988	SURFSIDE EXXON	Gasoline Service Stations
1994	SURFSIDE EXXON	Gasoline Service Stations
1995	SURFSIDE EXXON	Gasoline Service Stations
1996	SURFSIDE EXXON	Gasoline Service Stations

FE721 **CDL** **S113669562**
Target **609 4TH AVE N** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster FE

Actual:
25 ft.
Focus Map:
36

CDL 2:

Name:	Not reported
Address:	609 4TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	04/09/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	150170
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	4637
Was NPLEX Used:	NO
Num Child:	0
Structure:	Apartment

Name:	Not reported
Address:	609 4TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	11/26/2012
Facility Detail:	Not reported
Lab Address:	609 4th Ave N Myrtle Beach, SC 29577
Lat/Longitude:	Not reported
Police Agency Name:	Myrtle Beach Police Department
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

FF722 **DISCOUNT TIRE CENTER INC** **EDR Hist Auto** **1020201761**
Target **1002 3RD AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster FF

Actual:
13 ft.
Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1979	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1985	DISCOUNT TIRE CENTER INC	Auto And Home Supply Stores
1986	DISCOUNT TIRE CENTER INC	Auto And Home Supply Stores
1987	DISCOUNT TIRE CENTER INC	Auto And Home Supply Stores
1988	DISCOUNT TIRE CENTER INC	Auto And Home Supply Stores
1989	DISCOUNT TIRE CENTER INC	Auto And Home Supply Stores, NEC
1990	DISCOUNT TIRE CENTER INC	Auto And Home Supply Stores, NEC
2002	20 20 ROADSIDE AUTO REPAIRS	General Automotive Repair Shops
2005	AXLE EXPRESS	General Automotive Repair Shops
2006	AXLE EXPRESS	General Automotive Repair Shops

DISCOUNT TIRE CENTER INC (Continued) **1020201761**

2008	AXLE EXPRESS	Brake Services

FE723 **CDL** **S118176108**
Target **603 4TH AVE N** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster FE

Actual:
25 ft.
Focus Map:
36

CDL 2:

Name:	Not reported
Address:	603 4TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	07/17/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	150316
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3112
Was NPLEX Used:	NO
Num Child:	0
Structure:	Apartment

FF724 **3RD AVENUE AUTO SALES & SERVIC** **EDR Hist Auto** **1020568241**
Target **1000 3RD AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster FF

Actual:
13 ft.
Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1975	IMPERIAL MOTORS INC	Gasoline Service Stations
1976	IMPERIAL MOTORS INC	Gasoline Service Stations
1977	IMPERIAL MOTORS INC	Gasoline Service Stations
1978	WORSLEY-WILLIAMS*	Gasoline Service Stations
1979	WORSLEY-WILLIAMS*	Gasoline Service Stations
2003	3RD AVENUE AUTO SALES & SERVIC	Automotive Repair Shops, NEC, NEC
2004	3RD AVENUE AUTO SALES & SERVIC	Automotive Repair Shops, NEC, NEC
2005	3RD AVENUE AUTO SALES & SERVIC	Automotive Repair Shops, NEC, NEC
2006	3RD AVENUE AUTO SALES & SERVIC	Automotive Repair Shops, NEC, NEC
2007	3RD AVENUE AUTO SALES	Used Car Dealers, NEC
2008	3RD AVENUE AUTO SALES	Used Car Dealers, NEC
2009	3RD AVENUE AUTO SALES	Used Car Dealers, NEC

725 **CDL** **S118491488**
Target **608 N OCEAN BLVD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual: **18 ft.**
Focus Map: **36**

CDL 2:

Name:	Not reported
Address:	608 N OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	12/13/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	150478
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3460
Was NPLEX Used:	NO
Num Child:	0
Structure:	Hotel

---

726 **CDL** **S113669298**
Target **211 NORTH MYRTLE ST** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual: **25 ft.**
Focus Map: **36**

CDL 2:

Name:	Not reported
Address:	211 NORTH MYRTLE ST
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	07/25/2012
Facility Detail:	Not reported
Lab Address:	211 North Myrtle StMyrtle Beach, SC 29577
Lat/Longitude:	Not reported
Police Agency Name:	Myrtle Beach Police Department
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

---

727 **CIRCLE K STORES INC** **EDR Hist Auto** **1020961287**
Target **2903 HIGHWAY 17 BYP S** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual: **15 ft.**
Focus Map: **35**

Year:	Name:	Type:
2001	TOSCO MARKETING COMPANY	Convenience Stores
2002	CIRCLE K STORES INC	Convenience Stores
2003	CIRCLE K STORES INC	Convenience Stores
2004	CIRCLE K STORES INC	Convenience Stores

728 **POSTEC RECYCLING, INC WOOD MULCHING FA** **SWF/LF** **S108766657**
Target **N/A**
Property **HORRY (County), SC**

Actual:
15 ft.
Focus Map:
35

LF:

Name:	POSTEC RECYCLING, INC WOOD MULCHING FA
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	262476-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	689844
UTM-N:	3729580.5
Contact Name:	Not reported
Contact Phone:	Not reported

729 **CDL** **S120857612**
Target **5TH AVE & SWANN CV** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
25 ft.
Focus Map:
35

CDL 2:

Name:	Not reported
Address:	5TH AVE & SWANN CV
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	04/23/2017
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	170052
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3647
Was NPLEX Used:	NO
Num Child:	0
Structure:	Woods

730 **GROVE RECREATIONS INC** **ECHO** **1016240372**
Target **HWY 544** **N/A**
Property **MYRTLE BEACH, SC 29578**

Actual:
29 ft.
Focus Map:
36

ECHO:

Envid:	1016240372
Registry ID:	110007832097
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007832097
Name:	GROVE RECREATIONS INC
Address:	HWY 544
City,State,Zip:	MYRTLE BEACH, SC 29578

FG731 **CENAMA INC** **EDR Hist Auto** **1021967752**
Target **1202 PORT DR** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster FG

Actual:
15 ft.
Focus Map:
35

EDR Hist Auto

Year:	Name:	Type:
2007	WORSLEY COMPANIES INC	Gasoline Service Stations
2008	WORSLEY COMPANIES INC	Gasoline Service Stations
2009	WORSLEY COMPANIES INC	Gasoline Service Stations
2010	CENAMA INC	Gasoline Service Stations
2011	CENAMA INC	Supermarkets
2012	CENAMA INC	Supermarkets
2013	CENAMA INC	Supermarkets
2014	CENAMA INC	Supermarkets

FG732 **SCOTCHMAN 3060** **LUST** **U003628533**
Target **1202 PORT DR** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 2 of 2 in cluster FG

Actual:
15 ft.
Focus Map:
35

LUST:

Name:	SCOTCHMAN 3060
Address:	1202 PORT DR
City,State,Zip:	MYRTLE BEACH, SC 29577-9801
Release Number:	1
Facility ID:	04961
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GPM SOUTHEAST LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/13/2006
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported

SCOTCHMAN 3060 (Continued) **U003628533**

Local Fac First Name: Not reported
User Name: CLYMERWR
Cleanup Initiated Date: 03/18/1992
Prefix: Not reported
Total Score: 5

LUST:
Release Date: 12/23/1991
Cleanup Complete Date: Not reported
Depth to Ground Water: 3
Ground Water Flow Direction: N
Release Number: 1
Confirmed date: 03/18/1992
RP Name: WORSLEY COMPANIES INC
RP Address: 1410 COMMONWEALTH DR #202
RP City: WILMINGTON
RP State: NC
RP Zip: 28403
SCRBCA Class Code: CLASS3AC
Project Manager: CLYMER, WESLEY
Release Fin Type Code: WS

UST:
Name: SCOTCHMAN 3060
Address: 1202 PORT DR
City: MYRTLE BEACH
Facility ID: 04961
Permit: P 04961
Owner: GPM SOUTHEAST LLC
Owner Address: 8565 MAGELLAN PKWY STE 400
Owner City, st, zip: RICHMOND VA 23227
Owner Phone: 804-730-1568

Tank ID: 1
Status: **Abandoned**
Capacity: 15000
Product: Gasoline
Calcage: 5

Name: SCOTCHMAN 3060
Address: 1202 PORT DR
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 15000
Product: Gasoline
Calcage: 5

Name: SCOTCHMAN 3060
Address: 1202 PORT DR
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 15000

SCOTCHMAN 3060 (Continued) **U003628533**

Product:	Gasoline
Calcage:	5
Name:	SCOTCHMAN 3060
Address:	1202 PORT DR
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported
Name:	SCOTCHMAN 3060
Address:	1202 PORT DR
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	SCOTCHMAN 3060
Address:	1202 PORT DR
City:	MYRTLE BEACH
Tank ID:	6
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	04961
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False

SCOTCHMAN 3060 (Continued) **U003628533**

Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04961. RBCA Classification 3AC4. Active corrective action.

FH733 **MYRTLE BEACH TEXACO INC** **EDR Hist Auto** **1020279818**
Target **101 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 5 in cluster FH

Actual: EDR Hist Auto
17 ft.

Focus Map:
36

Year:	Name:	Type:
1980	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1982	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1983	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1985	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1986	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1987	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1988	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1989	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1990	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1991	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1992	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1993	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1994	MYRTLE BEACH TEXACO INC	Gasoline Service Stations
1995	MYRTLE BEACH TEXACO INC	Gasoline Service Stations

FH734 **CIRCLE K CORPORATION** **EDR Hist Auto** **1020684731**
Target **110 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 5 in cluster FH

Actual: EDR Hist Auto
16 ft.

Focus Map:
36

Year:	Name:	Type:
1993	CIRCLE K CORPORATION	Convenience Stores

735 **Target** **Property**	**FAMILY DOLLAR #3972** **4226 SOCASTEE BLVD** **MYRTLE BEACH, SC 29588**	**RCRA-VSQG** **ECHO**	**1018281944** **SCR000782219**

Actual:
12 ft.

Focus Map:
34

RCRA Listings:

Date Form Received by Agency:	2016-01-26 00:00:00.0
Handler Name:	FAMILY DOLLAR #3972
Handler Address:	4226 SOCASTEE BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29588-6132
EPA ID:	SCR000782219
Contact Name:	KEVIN STRAIGHT
Contact Address:	PO BOX 1017
Contact City,State,Zip:	CHARLOTTE, NC 28201
Contact Telephone:	704-708-1909
Contact Fax:	Not reported
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Title:	ENV PROGRAM MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1017
Mailing City,State,Zip:	CHARLOTTE, NC 28201
Owner Name:	FAMILY DOLLAR STORES
Owner Type:	Private
Operator Name:	FAMILY DOLLAR STORES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

FAMILY DOLLAR #3972 (Continued) **1018281944**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-02-23 13:49:44.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER

FAMILY DOLLAR #3972 (Continued) **1018281944**

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2016-01-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2016-01-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1017
Owner/Operator City,State,Zip: CHARLOTTE, NC 28201
Owner/Operator Telephone: 866-377-6420
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2016-01-26 00:00:00.0
Handler Name: FAMILY DOLLAR #3972
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 45299
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

FAMILY DOLLAR #3972 (Continued) **1018281944**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1018281944
Registry ID:	110067423032
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067423032
Name:	FAMILY DOLLAR #3972
Address:	4226 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29588

FH736 **SIXTY MINIT MART INC** **EDR Hist Auto** **1020488837**
Target **102 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 5 in cluster FH

Actual:
15 ft.

Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1973	SIXTY MINIT MART INC	Grocery Stores

FH737 **MINIT MART OF MYRTLE BEACH** **EDR Hist Auto** **1020489623**
Target **100 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 5 in cluster FH

Actual:
15 ft.

Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1980	MINIT MART OF MYRTLE BEACH	Grocery Stores
1982	MINIT MART OF MYRTLE BEACH	Grocery Stores
1983	MINIT MART OF MYRTLE BEACH	Grocery Stores
1985	MINIT MART OF MYRTLE BEACH	Grocery Stores

FH738 **VACANT LOT** **LUST** **U003930632**
Target **100 N KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 5 of 5 in cluster FH

Actual:
15 ft.

Focus Map:
36

LUST:

Name:	VACANT LOT
Address:	100 N KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	18946

VACANT LOT (Continued) **U003930632**

Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	ESTATE OF CAROLYN HENRY
Tank Owner Last Name:	ESTATE OF CAROLYN HENRY
Tank Owner First name:	Not reported
NFA Date:	10/12/2010
Tank Owner City:	CONWAY
Confirmed Date:	12/22/2003
Release Date:	10/06/2003
EID:	6312694
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	VACANT LOT
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	12/22/2003
Prefix:	N
Total Score:	1

LUST:

Release Date:	10/06/2003
Cleanup Complete Date:	10/12/2010
Depth to Ground Water:	7.900
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	12/22/2003
RP Name:	ESTATE OF CAROLYN HENRY
RP Address:	703 LAUREL ST
RP City:	CONWAY
RP State:	SC
RP Zip:	29526
SCRBCA Class Code:	CLASS5B
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	VACANT LOT
Address:	100 N KINGS HWY
City:	MYRTLE BEACH
Facility ID:	18946
Permit:	N 18946
Owner:	ESTATE OF CAROLYN HENRY
Owner Address:	703 LAUREL ST
Owner City, st, zip:	CONWAY SC 29526
Owner Phone:	843-448-8334

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	0

Name:	VACANT LOT

VACANT LOT (Continued) **U003930632**

Address:	100 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	0
Name:	VACANT LOT
Address:	100 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	0
Name:	VACANT LOT
Address:	100 N KINGS HWY
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	600
Product:	Gasoline
Calcage:	0

---

739 **BRANTS LANDING** **GWCI** **U003714775**
Target **5835 DOCK POND RD** **N/A**
Property **SOCASTEE, SC 29577**

Actual:
3 ft.

Focus Map:
34

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	04962
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False

BRANTS LANDING (Continued) **U003714775**

Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04962. RBCA Classification 1C4. Active corrective action.

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740 **AVIS** **LUST** **U003519115**
Target **MYRTLE BEACH JETPORT** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
27 ft.

Focus Map:
35

LUST:

Name:	AVIS
Address:	MYRTLE BEACH JETPORT
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	09953
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	AVIS RENT A CAR INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/01/1998
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/30/1986
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILLIACJ
Cleanup Initiated Date:	02/19/1986
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	01/30/1986
Cleanup Complete Date:	06/01/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	02/19/1986
RP Name:	AVIS RENT A CAR INC
RP Address:	300 CENTRE POINT DR
RP City:	VIRGINIA BEACH
RP State:	VA
RP Zip:	23462
SCRBCA Class Code:	CLASS2BB

AVIS (Continued) **U003519115**

Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	WID

UST:

Name:	AVIS
Address:	MYRTLE BEACH JETPORT
City:	MYRTLE BEACH
Facility ID:	09953
Permit:	P 09953
Owner:	AVIS RENT A CAR INC
Owner Address:	300 CENTRE POINT DR
Owner City, st, zip:	VIRGINIA BEACH VA 23462
Owner Phone:	757-687-2000
Tank ID:	1
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	Not reported

---

741 Target Property | **SOCASTEE SEAFOOD SHAK**
4000 HWY 707
SOCASTEE, SC | **LUST UST GWCI** | **U003714853 N/A**

Actual: 15 ft.

Focus Map: 34

LUST:

Name:	SOCASTEE SEAFOOD SHAK
Address:	4000 HWY 707
City,State,Zip:	SOCASTEE, SC 29
Release Number:	1
Facility ID:	18533
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	SC DEPARTMENT OF TRANSP01/26/00
Tank Owner Last Name:	SC DEPARTMENT OF TRANSPORTATION
Tank Owner First name:	Not reported
NFA Date:	08/26/2010
Tank Owner City:	COLUMBIA
Confirmed Date:	01/27/2000
Release Date:	Not reported
EID:	1797773
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SOCASTEE SEAFOOD SHAK
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	01/27/2000
Prefix:	N
Total Score:	5

LUST:

Release Date:	01/26/2000
Cleanup Complete Date:	08/26/2010
Depth to Ground Water:	5.580
Ground Water Flow Direction:	Not reported

SOCASTEE SEAFOOD SHAK (Continued) **U003714853**

Release Number: 1
Confirmed date: 01/27/2000
RP Name: SC DEPARTMENT OF TRANSPORTATION
RP Address: PO BOX 191
RP City: COLUMBIA
RP State: SC
RP Zip: 29202-0191
SCRBCA Class Code: CLASS3BF
Project Manager: RIDGLEY, CATHLEEN T
Release Fin Type Code: W25

Release Date: 01/26/2000
Cleanup Complete Date: 08/26/2010
Depth to Ground Water: 5.580
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 01/27/2000
RP Name: SCDOT
RP Address: PO BOX 191
RP City: COLUMBIA
RP State: SC
RP Zip: 29202-0191
SCRBCA Class Code: CLASS3BF
Project Manager: RIDGLEY, CATHLEEN T
Release Fin Type Code: W25

UST:
Name: SOCASTEE SEAFOOD SHAK
Address: 4000 HWY 707
City: SOCASTEE
Facility ID: 18533
Permit: N 18533
Owner: SC DEPARTMENT OF TRANSPORTATION
Owner Address: PO BOX 191
Owner City, st, zip: COLUMBIA SC 29202-0191
Owner Phone: 803-786-0128

Tank ID: 1
Status: **Abandoned**
Capacity: 750
Product: Gasoline
Calcage: 25

Name: SOCASTEE SEAFOOD SHAK
Address: 4000 HWY 707
City: SOCASTEE

Tank ID: 2
Status: **Abandoned**
Capacity: 750
Product: Gasoline
Calcage: 25

SC GWIC:
Bureau: BLWM

SOCASTEE SEAFOOD SHAK (Continued) **U003714853**

EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	18533
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 18533. RBCA Classification 5B1. Conducting investigation/Risk Assessment.

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742 **W G TURBEVILLE GROCERY** **GWCI** **U003629991**
Target **SC HWY 707** **N/A**
Property **SOCASTEE, SC 29577**

Actual:
19 ft.

Focus Map:
34

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	15803
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False

W G TURBEVILLE GROCERY (Continued) **U003629991**

Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 15803. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

743
Target
Property

GALAXY VIDEO
3624 SOCASTEE BLVD
MYRTLE BEACH, SC

LUST
UST
GWCI

U003930604
N/A

Actual:
19 ft.

Focus Map:
34

LUST:

Name:	GALAXY VIDEO
Address:	3624 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29
Release Number:	1
Facility ID:	18594
Release Status Number:	7
Substance:	PETRO
Tank Owner Company Name:	DIERKSHEIDE, CRAIG
Tank Owner Last Name:	DIERKSHEIDE
Tank Owner First name:	CRAIG
NFA Date:	05/09/2005
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	09/12/2000
Release Date:	09/09/2000
EID:	1797946
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	GALAXY VIDEO
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	09/12/2000
Prefix:	N
Total Score:	178

LUST:

Release Date:	09/09/2000
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.5

GALAXY VIDEO (Continued) **U003930604**

Ground Water Flow Direction:	SW
Release Number:	1
Confirmed date:	09/12/2000
RP Name:	DIERKSHEIDE
RP Address:	420 GRAVELLEY SHORE DR
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29579
SCRBCA Class Code:	CLASS3BF
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

UST:

Name:	GALAXY VIDEO
Address:	3624 SOCASTEE BLVD
City:	MYRTLE BEACH
Facility ID:	18594
Permit:	N 18594
Owner:	DIERKSHEIDE, CRAIG
Owner Address:	420 GRAVELLEY SHORE DR
Owner City, st, zip:	MYRTLE BEACH SC 29579
Owner Phone:	843-236-7363

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported

Name:	GALAXY VIDEO
Address:	3624 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported

Name:	GALAXY VIDEO
Address:	3624 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Kerosene
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	18594

GALAXY VIDEO (Continued) **U003930604**

WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 18594. RBCA Classification 3BF7. Approved Monitored Natural Attenuation (MNA Awaiti.

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744 Target Property

KNH FOOD MART
3940 SOCASTEE BLVD
MYRTLE BEACH, SC

LUST UST GWCI

U003629679
N/A

Actual: **15 ft.**

Focus Map: **34**

LUST:

Name:	KNH FOOD MART
Address:	3940 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	1
Facility ID:	14202
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	KNH FOOD MART
Tank Owner Last Name:	KNH FOOD MART
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/23/1992
Release Date:	12/20/1991
EID:	1777951
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2AA
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST

KNH FOOD MART (Continued) **U003629679**

Local Fac Last Name: KNH FOOD MART
Local Fac First Name: Not reported
User Name: WYKELJM
Cleanup Initiated Date: 03/23/1992
Prefix: R
Total Score: 2129

LUST:
Release Date: 12/20/1991
Cleanup Complete Date: Not reported
Depth to Ground Water: 1.919
Ground Water Flow Direction: N
Release Number: 1
Confirmed date: 03/23/1992
RP Name: THOMPSON OIL & GAS CO INC
RP Address: PO BOX 427
RP City: OLANTA
RP State: SC
RP Zip: 29114-0427
SCRBCA Class Code: CLASS2AA
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:
Name: KNH FOOD MART
Address: 3940 SOCASTEE BLVD
City: MYRTLE BEACH
Facility ID: 14202
Permit: R 14202
Owner: KNH FOOD MART
Owner Address: 3940 SOCASTEE BLVD
Owner City, st, zip: MYRTLE BEACH SC 29588
Owner Phone: 843-293-3936

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: KNH FOOD MART
Address: 3940 SOCASTEE BLVD
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: KNH FOOD MART
Address: 3940 SOCASTEE BLVD
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**

KNH FOOD MART (Continued) **U003629679**

Capacity:	6000
Product:	Gasoline
Calcage:	5
Name:	KNH FOOD MART
Address:	3940 SOCASTEE BLVD
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	5
Name:	KNH FOOD MART
Address:	3940 SOCASTEE BLVD
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Abandoned**
Capacity:	2000
Product:	Kerosene
Calcage:	5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	14202
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No

KNH FOOD MART (Continued) **U003629679**

Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14202. RBCA Classification 2AA4. Active corrective action.

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745 **GAS WORLD SELF SERVICE** **EDR Hist Auto** **1021817849**
Target **501 2ND AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
15 ft.

Focus Map:
36

Year:	Name:	Type:
2005	GAS WORLD SELF SERVICE	Gasoline Service Stations
2006	GAS WORLD SELF SERVICE	Gasoline Service Stations
2007	GAS WORLD SELF SERVICE	Gasoline Service Stations
2008	GAS WORLD SELF SERVICE	Gasoline Service Stations
2009	GAS WORLD SELF SERVICE	Gasoline Service Stations
2010	GAS WORLD SELF SERVICE	Gasoline Service Stations
2011	GAS WORLD SELF SERVICE	Gasoline Service Stations
2012	GAS WORLD SELF SERVICE	Gasoline Service Stations
2013	GAS WORLD SELF SERVICE	Gasoline Service Stations

FI746 **PANTRY 424** **LUST** **U003628815**
Target **3400 SOCASTEE BLVD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 4 in cluster FI

Actual:
19 ft.

Focus Map:
34

LUST:

Name:	PANTRY 424
Address:	3400 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05204
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/22/2010
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/25/2009
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	06/30/2009
Prefix:	Not reported
Total Score:	-2

PANTRY 424 (Continued) **U003628815**

LUST:

Release Date:	06/25/2009
Cleanup Complete Date:	02/16/2010
Depth to Ground Water:	6.230
Ground Water Flow Direction:	NE
Release Number:	1
Confirmed date:	06/30/2009
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	PANTRY 424
Address:	3400 SOCASTEE BLVD
City:	MYRTLE BEACH
Facility ID:	05204
Permit:	R 05204
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	PANTRY 424
Address:	3400 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5

Name:	PANTRY 424
Address:	3400 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

FI747 **Target** **Property**	**PANTRY INC** **3400 SOCASTEE BLVD** **MYRTLE BEACH, SC 29588**	**EDR Hist Auto**	**1020716401** **N/A**

Site 2 of 4 in cluster FI

Actual:
19 ft.

Focus Map:
34

EDR Hist Auto

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores

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748 **Target** **Property**	**W G TURBEVILLE GROCERY** **3530 NORTHGATE DR** **MYRTLE BEACH, SC**	**LUST** **UST**	**U004291948** **N/A**

Actual:
19 ft.

Focus Map:
34

LUST:

Name:	W G TURBEVILLE GROCERY
Address:	3530 NORTHGATE DR
City,State,Zip:	MYRTLE BEACH, SC 29588-6182
Release Number:	1
Facility ID:	15803
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	CAUSEY, J
Tank Owner Last Name:	CAUSEY
Tank Owner First name:	J
NFA Date:	03/28/2011
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/18/1992
Release Date:	12/20/1991
EID:	1787468
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	W G TURBEVILLE GROCERY
Local Fac First Name:	Not reported
User Name:	SHRADEAA
Cleanup Initiated Date:	03/18/1992
Prefix:	U
Total Score:	10

LUST:

Release Date:	12/20/1991
Cleanup Complete Date:	04/22/2009
Depth to Ground Water:	3.5
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	CAUSEY
RP Address:	6189 HWY 707

W G TURBEVILLE GROCERY (Continued) **U004291948**

RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29575-7303
SCRBCA Class Code:	CLASS5B
Project Manager:	SHRADER, ART A
Release Fin Type Code:	DS

UST:

Name:	W G TURBEVILLE GROCERY
Address:	3530 NORTHGATE DR
City:	MYRTLE BEACH
Facility ID:	15803
Permit:	U 15803
Owner:	CAUSEY, J L
Owner Address:	6189 HWY 707
Owner City, st, zip:	MYRTLE BEACH SC 29575-7303
Owner Phone:	Not reported

Tank ID:	1
Status:	**Abandoned**
Capacity:	300
Product:	Gasoline
Calcage:	25

Name:	W G TURBEVILLE GROCERY
Address:	3530 NORTHGATE DR
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Last used before 1974 and empty**
Capacity:	300
Product:	Gasoline
Calcage:	25

Name:	W G TURBEVILLE GROCERY
Address:	3530 NORTHGATE DR
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Last used before 1974 and empty**
Capacity:	Not reported
Product:	Kerosene
Calcage:	25

Name:	W G TURBEVILLE GROCERY
Address:	3530 NORTHGATE DR
City:	MYRTLE BEACH

Tank ID:	4
Status:	**Last used before 1974 and empty**
Capacity:	550
Product:	Gasoline
Calcage:	25

749 **Target** **Property**	**MYRTLE BEACH JETPORT** **HWY 15** **MYRTLE BEACH, SC**	**UST**	**U001538507** **N/A**

Actual: **25 ft.**
Focus Map: **35**

UST:

Name:	MYRTLE BEACH JETPORT
Address:	HWY 15
City:	MYRTLE BEACH
Facility ID:	04915
Permit:	N 04915
Owner:	AVIS RENT A CAR INC
Owner Address:	300 CENTRE POINT DR
Owner City, st, zip:	VIRGINIA BEACH VA 23462
Owner Phone:	757-687-2000
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported
Name:	MYRTLE BEACH JETPORT
Address:	HWY 15
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported

FI750 **Target** **Property**	**CVS PHARMACY 1540** **3411 SOCASTEE BLVD** **MYRTLE BEACH, SC 29588**	**ECHO**	**1016006752** **N/A**

Site 3 of 4 in cluster FI

Actual: **19 ft.**
Focus Map: **34**

ECHO:

Envid:	1016006752
Registry ID:	110045990175
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045990175
Name:	CVS PHARMACY 1540
Address:	3411 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29588

FI751 **Target** **Property**	**CVS PHARMACY 1540** **3411 SOCASTEE BLVD** **MYRTLE BEACH, SC 29588**	**RCRA-VSQG**	**1014961225** **SCR000774281**

Site 4 of 4 in cluster FI

Actual: **19 ft.**
Focus Map: **34**

RCRA Listings:

Date Form Received by Agency:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Handler Address:	3411 SOCASTEE BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29588-6111
EPA ID:	SCR000774281
Contact Name:	NICOLE WILKINSON

CVS PHARMACY 1540 (Continued) **1014961225**

Contact Address:	ONE CVS DR
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	CVS PHARMACY INC
Owner Type:	Private
Operator Name:	SC CVS PHARMACY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

CVS PHARMACY 1540 (Continued) **1014961225**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-15 11:12:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

CVS PHARMACY 1540 (Continued) **1014961225**

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P012
Waste Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U010
Waste Description: AZIRINO [2’,3’:3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET

CVS PHARMACY 1540 (Continued) **1014961225**

HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U059
Waste Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Waste Code:	U070
Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U188
Waste Description:	PHENOL

CVS PHARMACY 1540 (Continued) **1014961225**

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U204
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206
Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.

CVS PHARMACY 1540 (Continued) **1014961225**

Date Ended Current:	2014-02-20 00:00:00.
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

CVS PHARMACY 1540 (Continued) **1014961225**

Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CVS PHARMACY 1540 (Continued) **1014961225**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLE CV MYRTLE BACH SC LLC
Legal Status:	Private
Date Became Current:	2014-02-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2325 E CAMELBACK RD STE 1100
Owner/Operator City,State,Zip:	PHOENIX, AZ 85016
Owner/Operator Telephone:	602-778-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

CVS PHARMACY 1540 (Continued) **1014961225**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2012-05-07 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-31 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-20 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CVS PHARMACY 1540 (Continued) **1014961225**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 1540
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

CVS PHARMACY 1540 (Continued) **1014961225**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2018-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

752
Target
Property

SOCASTEE AUTOMOTIVE
3809 SOCASTEE BLVD
MYRTLE BEACH, SC

LUST **U003665746**
UST **N/A**

Actual:
19 ft.

Focus Map:
34

LUST:

Name:	SOCASTEE AUTOMOTIVE
Address:	3809 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577-6119
Release Number:	1
Facility ID:	12669
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SOCASTEE AUTOMOTIVE INC
Tank Owner Last Name:	SOCASTEE AUTOMOTIVE INC
Tank Owner First name:	Not reported
NFA Date:	01/18/1994
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	07/05/2006
Release Date:	03/18/1993
EID:	17984134
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	SOCASTEE AUTOMOTIVE
Local Fac First Name:	Not reported
User Name:	WISNEWBJ
Cleanup Initiated Date:	03/18/1993
Prefix:	R
Total Score:	Not reported

Name:	SOCASTEE AUTOMOTIVE

SOCASTEE AUTOMOTIVE (Continued) **U003665746**

Address:	3809 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577-6119
Release Number:	2
Facility ID:	12669
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	SOCASTEE AUTOMOTIVE INC
Tank Owner Last Name:	SOCASTEE AUTOMOTIVE INC
Tank Owner First name:	Not reported
NFA Date:	07/05/2006
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	07/05/2006
Release Date:	06/30/2006
EID:	17984134
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	SOCASTEE AUTOMOTIVE
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	07/05/2006
Prefix:	R
Total Score:	Not reported

UST:

Name:	SOCASTEE AUTOMOTIVE
Address:	3809 SOCASTEE BLVD
City:	MYRTLE BEACH
Facility ID:	12669
Permit:	R 12669
Owner:	SOCASTEE AUTOMOTIVE INC
Owner Address:	3809 SOCASTEE BLVD HWY 707
Owner City, st, zip:	MYRTLE BEACH SC 29588
Owner Phone:	843-293-7077

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	5

Name:	SOCASTEE AUTOMOTIVE
Address:	3809 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	5

Name:	SOCASTEE AUTOMOTIVE
Address:	3809 SOCASTEE BLVD
City:	MYRTLE BEACH

SOCASTEE AUTOMOTIVE (Continued) **U003665746**

Tank ID:	3
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	5
Name:	SOCASTEE AUTOMOTIVE
Address:	3809 SOCASTEE BLVD
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	5

753
Target Property
5543 ROSEWOOD DRIVE
SOCASTEE, SC
CDL **S109683604**
N/A

Actual:
17 ft.

Focus Map:
34

CDL:

Lab/Seizure Unit # (Apt, Room Number, Ect.):	Not reported
Latitude:	Not reported
Longitude:	Not reported
QA/QC Id #:	395
Id Num Of GIS Data Point:	395
Has Call Been Verified To Be True:	No
EFIS Report Number:	0
Did DHEC Respond To The Site In Any Way?:	No
Direct Threat Of Environment Or Public Health?:	No
Type Of Report-Lab Seizure:	No
Report Chemicals/Glassware/Equipment Seizure:	No
Report-Dumpsite Seizure:	No
Official Police Report Or Case Number:	Not reported
Seizure Date:	10/28/2007
Law Enforcement Agency In Charge (Generator):	www.scnow.com
Originating Agency Identification (Ori) Number:	0
Law Enforcement Agency In Charge City:	Not reported
Law Enforcement Agency In Charge State:	Not reported
Leo Case Or File Title:	Not reported
Name Of Person Reporting Incident:	Not reported
Telephone Number Of Caller:	Not reported
Seizure Location - Apartment, Condo:	No
Seizure Location - Hotel Or Motel:	No
Seizure Location - Out Building (Shed,etc.):	No
Seizure Location - Vehicle:	No
Seizure Location - Family Dwelling House:	No
Seizure Location - Family Dwelling Mobile Home:	No
Seizure Loc-FamilyDwellingDuplex Or Other NonApartment MultiStructure:	No
Seizure Location - Dumpster:	No
Seizure Location - Storage Locker:	No
Seizure Location - Open - No Structure:	No
Seizure Location - Business:	No
Seizure Location - Other - Describe:	Not reported
Neighborhood - Commercial Or Industrial:	No
Neighborhood - Public Land - Check Box:	No
Neighborhood - Public Land - Name:	Not reported
Neighborhood - Rural:	No

(Continued) **S109683604**

Neighborhood - Suburban:	No
Neighborhood - Other - Check Box:	No
Neighborhood - Other - Describe:	Not reported
Neighborhood - Urban:	No
Lab Status - Operational, Not In Production:	No
Lab Status - Operational, In Production:	No
Lab Status - Abandoned:	No
Lab Status - Boxed Or Dismantled:	No
Lab Status - Fire Or Explosion:	No
Lab Status - Other, Check Box:	No
Lab Status - Other, Describe:	Not reported
Lab Mfg Proc-Ephedrin,RedP,HydriodicAcidAnd/OrIodineReduction:	No
LMP-Pseudoephedrin, RedP,HydriodicAcid And/Or Iodine Reduction:	No
Lab Mfg Process-P2p / Methylamine:	No
Lab Mfg Process-Hydrogenation:	No
LMP-Ephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,AnhydrousAmmonia:	No
LMP-Pseudoephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,An Ammonia:	No
Lab Mfg Process-Hydriodic Acid Method:	No
Lab Mfg Process-Anhydrous Ammonia Manufacturing:	No
Lab Mfg Process-Ephedrine Tablet Extraction:	No
Lab Mfg Process-Pseudoephedrine Tablet Extraction:	No
Lab Mfg Process-Other, Describe:	No
Lab Mfg Process-Other, Describe:	Not reported
Lab Type - Amphetamine:	0
Lab Type - Hydriodic Acid:	0
Lab Type - Tablet Extraction:	0
Lab Type - GHB:	0
Lab Type - Anhydrous Ammonia:	0
Lab Type - MDMA:	0
Lab Type - Methamphetamine:	0
Lab Type - Methcathinone:	0
Lab Type - PCP:	0
Lab Type - Other, Describe:	0
Lab Type - Other, Describe:	Not reported
Method Waste Disposal Cook Used.Poured Down Drains,etc.:	Not reported
Was There A Fire?:	No
Was There An Explosion?:	No
Was Anyone Injured?:	No
Were There Any Deaths?:	No
Other Than Lab Itself, Was There Evacuation Due To Hazard?:	No
Was A Chemist On Site? State Or Local.:	No
Was A Chemist On Site? Dea Or Dea Contractor:	No
Did The Leo Perform Removal?:	No
Was A Hazmat Contractor Used?:	No
Name Of Hm Contractor Used.:	Not reported
Remarks:	Not reported

FJ754 **H H J INC** **EDR Hist Auto** **1021642251**
Target **3500 NORTHGATE DR** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 2 in cluster FJ

Actual: EDR Hist Auto
19 ft.

Focus Map:
34

Year:	Name:	Type:
2008	JIFFY LUBE	Automotive Maintenance Services
2009	JIFFY LUBE	Automotive Maintenance Services

H H J INC (Continued) **1021642251**

2010	JIFFY LUBE	Automotive Maintenance Services
2011	SPEEDEE OIL CHANGE & TUNE UP	Automotive Repair Shops, NEC, NEC
2012	SPEEDEE OIL CHANGE & TUNE UP	Automotive Repair Shops, NEC, NEC

FK755 **PANTRY INC** **EDR Hist Auto** **1021146525**
Target **4481 SOCASTEE BLVD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 2 in cluster FK

Actual: EDR Hist Auto
19 ft.

Focus Map:
34

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

FK756 **CIRCLE K 2723073** **LUST** **U003629876**
Target **4481 SOCASTEE BLVD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster FK

Actual: LUST:
19 ft.

Focus Map:
34

Name:	CIRCLE K 2723073
Address:	4481 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	2
Facility ID:	17843
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	CIRCLE K STORES INC
Tank Owner First name:	Not reported
NFA Date:	07/02/2007
Tank Owner City:	CHARLOTTE
Confirmed Date:	08/23/2005
Release Date:	03/24/2005
EID:	14768807
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	CIRCLE K 2723073
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	08/23/2005

CIRCLE K 2723073 (Continued) **U003629876**

Prefix:	P
Total Score:	1

LUST:

Release Date:	03/24/2005
Cleanup Complete Date:	07/02/2007
Depth to Ground Water:	2.060
Ground Water Flow Direction:	NE
Release Number:	2
Confirmed date:	08/23/2005
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	CIRCLE K 2723073
Address:	4481 SOCASTEE BLVD
City:	MYRTLE BEACH
Facility ID:	17843
Permit:	P 17843
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0

Name:	CIRCLE K 2723073
Address:	4481 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	15000
Product:	Diesel fuel
Calcage:	0

Name:	CIRCLE K 2723073
Address:	4481 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline Super/Prem
Calcage:	0

FL757 **SCOTCHMAN 3253** **LUST** **U004291447**
Target **501 3RD AVE S** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 7 in cluster FL

Actual:
15 ft.
Focus Map:
36

LUST:

Name:	SCOTCHMAN 3253
Address:	501 3RD AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05142
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	RI CS5 LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	06/21/2017
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	03/23/1992
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 3253
Address:	501 3RD AVE S
City:	MYRTLE BEACH
Facility ID:	05142
Permit:	P 05142
Owner:	RI CS5 LLC
Owner Address:	11995 EL CAMINO REAL

SCOTCHMAN 3253 (Continued) **U004291447**

Owner City, st, zip:	SAN DIEGO CA 92130
Owner Phone:	760-741-2111
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10
Name:	SCOTCHMAN 3253
Address:	501 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	10
Name:	SCOTCHMAN 3253
Address:	501 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	10
Name:	SCOTCHMAN 3253
Address:	501 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel
Calcage:	10
Name:	SCOTCHMAN 3253
Address:	501 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	SCOTCHMAN 3253
Address:	501 3RD AVE S
City:	MYRTLE BEACH
Tank ID:	6
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem

SCOTCHMAN 3253 (Continued) **U004291447**

Calcage: 0

FL758 **WORSLEY COMPANIES INC** **EDR Hist Auto** **1021604254**
Target **501 3RD AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 7 in cluster FL

Actual: EDR Hist Auto
15 ft.

Focus Map:
36

Year:	Name:	Type:
1996	GAS WORLD SELF SERVICE	Gasoline Service Stations
1997	ENTREPRENEUR INC	Gasoline Service Stations
1998	ENTREPRENEUR INC	Gasoline Service Stations
1999	ENTREPRENEUR INC	Gasoline Service Stations
2000	WORSLEY COMPANIES INC	Gasoline Service Stations
2001	WORSLEY COMPANIES INC	Gasoline Service Stations
2002	WORSLEY COMPANIES INC	Gasoline Service Stations
2003	WORSLEY COMPANIES INC	Gasoline Service Stations
2004	WORSLEY COMPANIES INC	Gasoline Service Stations
2005	WORSLEY COMPANIES INC	Gasoline Service Stations
2006	WORSLEY COMPANIES INC	Gasoline Service Stations
2007	WORSLEY COMPANIES INC	Gasoline Service Stations
2008	WORSLEY COMPANIES INC	Gasoline Service Stations
2009	WORSLEY COMPANIES INC	Gasoline Service Stations
2010	CENAMA INC	Gasoline Service Stations
2011	CENAMA INC	Supermarkets
2012	CENAMA INC	Supermarkets
2013	CENAMA INC	Supermarkets
2014	CENAMA INC	Supermarkets

FL759 **SCOTCHMAN 253** **GWCI** **U003628697**
Target **301 3RD AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 7 in cluster FL

Actual: SC GWIC:
15 ft.

Focus Map:
36

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05142
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False

SCOTCHMAN 253 (Continued) **U003628697**

Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05142. RBCA Classification 3BF5. Inactive.

FJ760 Target Property | **NORTHGATE CLEANERS FMR GEORGETOWN LNDRY** | **SHWS** | **S107599660**
3578 NORTHGATE BLVD | **DRYCLEANERS** | **N/A**
MYRTLE BEACH, SC 29588

Site 2 of 2 in cluster FJ

Actual: 19 ft.
Focus Map: 34

SHWS:

Name:	NORTHGATE CLEANERS FMR GEORGETOWN LNDRY
Address:	3578 NORTHGATE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCDRY0053111

Drycleaners:

BLWM Number:	53111
Rank:	III
Priority Group Explanation:	III

FL761 Target Property | **MARKET EXPRESS - S KINGS HWY** | **LUST** | **U003796621**
211 S KINGS HWY | **UST** | **N/A**
MYRTLE BEACH, SC

Site 4 of 7 in cluster FL

Actual: 16 ft.
Focus Map: 36

LUST:

Name:	MARKET EXPRESS - S KINGS HWY
Address:	211 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-4102
Release Number:	1
Facility ID:	05099
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	BREWER HENDLEY OIL CO IN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/27/1997
Tank Owner City:	Not reported
Confirmed Date:	Not reported

MARKET EXPRESS - S KINGS HWY (Continued) **U003796621**

Release Date: 04/23/1990
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: LONGKH
Cleanup Initiated Date: 05/21/1990
Prefix: Not reported
Total Score: 0

LUST:
Release Date: 04/23/1990
Cleanup Complete Date: 02/27/1997
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 05/21/1990
RP Name: EXXON MOBIL
RP Address: 217 COUNTRY CLUB PARK PMB# 101
RP City: BIRMINGHAM
RP State: AL
RP Zip: 35213-4237
SCRBCA Class Code: CLASS3BF
Project Manager: LONG, KRISTEN H
Release Fin Type Code: WS

UST:
Name: MARKET EXPRESS - S KINGS HWY
Address: 211 S KINGS HWY
City: MYRTLE BEACH
Facility ID: 05099
Permit: R 05099
Owner: BREWER HENDLEY OIL CO INC
Owner Address: 207 N FOREST HILLS SCHOOL RD
Owner City, st, zip: MARSHVILLE NC 28103
Owner Phone: 704-233-2600

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Diesel fuel
Calcage: 5

Name: MARKET EXPRESS - S KINGS HWY
Address: 211 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

MARKET EXPRESS - S KINGS HWY (Continued) **U003796621**

Name:	MARKET EXPRESS - S KINGS HWY
Address:	211 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	5
Name:	MARKET EXPRESS - S KINGS HWY
Address:	211 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	5
Name:	MARKET EXPRESS - S KINGS HWY
Address:	211 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Abandoned**
Capacity:	1000
Product:	Waste oil, burnt oil, used oil
Calcage:	5

FM762 **PANTRY 3060 DBA QUICK STOP** **GWCI** **U003629194**
Target **4570 SOCASTEE BLVD** **N/A**
Property **SOCASTEE, SC 29575**

Site 1 of 3 in cluster FM

Actual:
19 ft.

Focus Map:
34

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10148
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False

PANTRY 3060 DBA QUICK STOP (Continued) **U003629194**

Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 10148. RBCA Classification 3BF8. Awaiting Funding.

FM763 **PANTRY INC** **EDR Hist Auto** **1021132499**
Target **4570 SOCASTEE BLVD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 3 in cluster FM

Actual: EDR Hist Auto
19 ft.

Focus Map:
34

Year:	Name:	Type:
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

FM764 **CIRCLE K 2723060** **LUST** **U004291705**
Target **4570 SOCASTEE BLVD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 3 of 3 in cluster FM

Actual: LUST:
19 ft.

Focus Map:
34

Name:	CIRCLE K 2723060
Address:	4570 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	1
Facility ID:	10148
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	CIRCLE K STORES INC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	CHARLOTTE
Confirmed Date:	10/31/1990

CIRCLE K 2723060 (Continued) **U004291705**

Release Date:	01/02/1990
EID:	1757661
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CIRCLE K 2723060
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	10/31/1990
Prefix:	P
Total Score:	560

LUST:

Release Date:	01/02/1990
Cleanup Complete Date:	Not reported
Depth to Ground Water:	10
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	10/31/1990
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CIRCLE K 2723060
Address:	4570 SOCASTEE BLVD
City:	MYRTLE BEACH
Facility ID:	10148
Permit:	P 10148
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0

Name:	CIRCLE K 2723060
Address:	4570 SOCASTEE BLVD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	0

CIRCLE K 2723060 (Continued) **U004291705**

Name:	CIRCLE K 2723060
Address:	4570 SOCASTEE BLVD
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

FL765 **LEES DISCOUNT TIRE CENTER** **EDR Hist Auto** **1021220188**
Target **300 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 5 of 7 in cluster FL

Actual: EDR Hist Auto
11 ft.

Focus Map:
36

Year:	Name:	Type:
1969	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1970	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1971	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1972	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1973	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1974	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1975	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1976	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1977	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations
1978	LEES DISCOUNT TIRE CENTER	Gasoline Service Stations

FL766 **EXXON LOCATION 4 3090** **ECHO** **1016185129**
Target **316 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 6 of 7 in cluster FL

Actual: ECHO:
11 ft.

Focus Map:
36

Envid:	1016185129
Registry ID:	110002248041
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002248041
Name:	EXXON LOCATION 4 3090
Address:	316 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

FL767 **SUN FUN EXXON** **EDR Hist Auto** **1021616353**
Target **316 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 7 of 7 in cluster FL

Actual: EDR Hist Auto
11 ft.

Focus Map:
36

Year:	Name:	Type:
1982	SUN FUN EXXON	Gasoline Service Stations
1983	SUN FUN EXXON	Gasoline Service Stations

SUN FUN EXXON (Continued) **1021616353**

1985	SUN FUN EXXON	Gasoline Service Stations
1986	SUN FUN EXXON	Gasoline Service Stations
1987	SUN FUN EXXON	Gasoline Service Stations
1988	SUN FUN EXXON	Gasoline Service Stations
1989	SUN FUN EXXON	Gasoline Service Stations
1990	SUN FUN EXXON	Gasoline Service Stations
1991	SUN FUN EXXON	Gasoline Service Stations

768
Target
Property

CYPRESS PARK MART
HWY 544
SOCASTEE, SC

LUST
UST
GWCI

U003557885
N/A

Actual:
11 ft.

Focus Map:
34

LUST:

Name:	CYPRESS PARK MART
Address:	HWY 544
City,State,Zip:	SOCASTEE, SC 29577
Release Number:	1
Facility ID:	05234
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HERBERT JR & WARD ANDER
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/26/2003
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	04/07/1983
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PADGETJP
Cleanup Initiated Date:	03/22/1989
Prefix:	Not reported
Total Score:	118

LUST:

Release Date:	04/07/1983
Cleanup Complete Date:	Not reported
Depth to Ground Water:	6
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	03/22/1989
RP Name:	ANDERSON OIL CO INC
RP Address:	PO BOX 1285
RP City:	BARNWELL
RP State:	SC
RP Zip:	29812-1285
SCRBCA Class Code:	CLASS4BC
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	WS

CYPRESS PARK MART (Continued) **U003557885**

UST:

Name:	CYPRESS PARK MART
Address:	HWY 544
City:	SOCASTEE
Facility ID:	05234
Permit:	N 05234
Owner:	HERBERT JR & WARD ANDERSON
Owner Address:	4250 BLITSGEL DR
Owner City, st, zip:	FLORENCE SC 29501-8900
Owner Phone:	843-669-5741
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported
Name:	CYPRESS PARK MART
Address:	HWY 544
City:	SOCASTEE
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	Not reported
Name:	CYPRESS PARK MART
Address:	HWY 544
City:	SOCASTEE
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05234
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False

CYPRESS PARK MART (Continued) **U003557885**

Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05234. RBCA Classification 4BC7. Approved Monitored Natural Attenuation (MNA Awaiti.

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769 **CREEKSIDE CLEANERS DROP LLC** **EDR Hist Cleaner** **1019964919**
Target **5861 CREEKSIDE DR** **N/A**
Property **MYRTLE BEACH, SC 29588**

EDR Hist Cleaner

Actual:
2 ft.

Focus Map:
33

Year:	Name:	Type:
2002	CREEKSIDE CLEANERS DROP LLC	Drycleaning Plants, Except Rugs, NEC
2003	CREEKSIDE CLEANERS DROP LLC	Drycleaning Plants, Except Rugs, NEC
2004	CREEKSIDE CLEANERS DROP LLC	Drycleaning Plants, Except Rugs, NEC
2005	CREEKSIDE CLEANERS DROP LLC	Drycleaning Plants, Except Rugs, NEC

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770 **CVS PHARMACY 7386** **ECHO** **1016027909**
Target **512 S KING HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
12 ft.

Focus Map:
36

ECHO:

Envid:	1016027909
Registry ID:	110045990763
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045990763
Name:	CVS PHARMACY 7386
Address:	512 S KING HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

FN771 **WALGREENS 17258** **RCRA-VSQG** **1015750325**
Target **5001 SOCASTEE BLVD** **SCR000776112**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 3 in cluster FN

Actual:
16 ft.

Focus Map:
34

RCRA Listings:

Date Form Received by Agency:	2019-07-19 00:00:00.0
Handler Name:	WALGREENS 17258
Handler Address:	5001 SOCASTEE BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29588

WALGREENS 17258 (Continued) **1015750325**

EPA ID:	SCR000776112
Contact Name:	KIMBERLY DASCOLI
Contact Address:	WILMOT RD
Contact City,State,Zip:	DEERFIELD, IL 60015
Contact Telephone:	847-315-2812
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	DIR RETAIL COMP
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	WILMOT RD
Mailing City,State,Zip:	DEERFIELD, IL 60015
Owner Name:	ECKERD CORP
Owner Type:	Private
Operator Name:	RITE AID CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

WALGREENS 17258 (Continued) **1015750325**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-08-20 10:36:26.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECKERD CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.

WALGREENS 17258 (Continued) **1015750325**

Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RITE AID CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 WILMOT RD MS#3301
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RITE AID CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RITE AID CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WALGREENS 17258 (Continued) **1015750325**

Owner/Operator Name:	ECKERD CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MB DRUGSTORE LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24001 SOUTHFIELD RD STE 106
Owner/Operator City,State,Zip:	SOUTHFIELD, MI 48075
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALGREENS EASTERN CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 WILMOT ROAD #2275
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RITE AID CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MB DRUGSTORE LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24001 SOUTHFIELD RD STE 106
Owner/Operator City,State,Zip:	SOUTHFIELD, MI 48075
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WALGREENS 17258 (Continued) **1015750325**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREENS EASTERN CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 WILMOT ROAD #2275
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECKERD CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECKERD CORP
Legal Status:	Private
Date Became Current:	2012-09-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LN
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 WILMOT RD MS#3301
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-09-19 00:00:00.0
Handler Name:	RITE AID 11636
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

WALGREENS 17258 (Continued) **1015750325**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-31 00:00:00.0
Handler Name:	RITE AID 11636
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-31 00:00:00.0
Handler Name:	RITE AID 11636
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-07-19 00:00:00.0
Handler Name:	WALGREENS 17258
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:

No Violations Found:

WALGREENS 17258 (Continued) **1015750325**

Evaluation Action Summary:

No Evaluations Found:

FN772 **WALGREENS 17258** **ECHO** **1026011931**
Target **5001 SOCASTEE BLVD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 3 in cluster FN

Actual:
16 ft.

Focus Map:
34

ECHO:

Envid:	1026011931
Registry ID:	110046540418
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046540418
Name:	WALGREENS 17258
Address:	5001 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29588

FN773 **BRANTS LANDING** **LUST** **U004158050**
Target **5835 DOCK POND RD** **UST** **N/A**
Property **SOCASTEE, SC**

Site 3 of 3 in cluster FN

Actual:
15 ft.

Focus Map:
34

LUST:

Name:	BRANTS LANDING
Address:	5835 DOCK POND RD
City,State,Zip:	SOCASTEE, SC 29577
Release Number:	1
Facility ID:	04962
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SEA ISLAND COMPANY
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/27/2017
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	GATHINNR
Cleanup Initiated Date:	03/18/1992
Prefix:	Not reported
Total Score:	88

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	6

BRANTS LANDING (Continued) **U004158050**

Ground Water Flow Direction: E
Release Number: 1
Confirmed date: 03/18/1992
RP Name: SEABOARD PETROLEUM
RP Address: 1221 HWY 501 BUS
RP City: CONWAY
RP State: SC
RP Zip: 29526
SCRBCA Class Code: CLASS3AC
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:
Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE
Facility ID: 04962
Permit: P 04962
Owner: SEA ISLAND COMPANY
Owner Address: 4452 SOCASTEE BLVD
Owner City, st, zip: MYRTLE BEACH SC 29588-7253
Owner Phone: 843-293-1137

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE

Tank ID: 3
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 5

Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE

Tank ID: 4
Status: **Abandoned**
Capacity: 7500

BRANTS LANDING (Continued) **U004158050**

Product: Gasoline
Calcage: 5

Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE

Tank ID: 5
Status: **Abandoned**
Capacity: 2000
Product: Kerosene
Calcage: 5

Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE

Tank ID: 6
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 5

Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE

Tank ID: 7
Status: **Abandoned**
Capacity: 2000
Product: Gasoline
Calcage: 0

Name: BRANTS LANDING
Address: 5835 DOCK POND RD
City: SOCASTEE

Tank ID: 8
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 0

FO774 **WORSLEY COMPANIES INC** **EDR Hist Auto** **1020519943**
Target **5010 SOCASTEE BLVD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 2 in cluster FO

Actual: EDR Hist Auto
13 ft.

Focus Map:
34

Year:	Name:	Type:
2011	WORSLEY COMPANIES INC	Gasoline Service Stations

FO775 Target Property	**SUNHOUSE 24** **5010 SOCASTEE BLVD** **MYRTLE BEACH, SC**	**LUST** **UST** **GWCI**	**U003629558** **N/A**

Site 2 of 2 in cluster FO

Actual:
13 ft.
Focus Map:
34

LUST:

Name:	SUNHOUSE 24
Address:	5010 SOCASTEE BLVD
City,State,Zip:	MYRTLE BEACH, SC 29575-7341
Release Number:	1
Facility ID:	12649
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	PARAGON PROPERTIES MYR
Tank Owner Last Name:	GPM SOUTHEAST LLC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	RICHMOND
Confirmed Date:	03/23/1992
Release Date:	12/31/1991
EID:	1771489
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 3179
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/23/1992
Prefix:	R
Total Score:	155

LUST:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7.799
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SUNHOUSE 24
Address:	5010 SOCASTEE BLVD
City:	MYRTLE BEACH
Facility ID:	12649
Permit:	R 12649
Owner:	PARAGON PROPERTIES MYRTLE BEACH LLC
Owner Address:	1270 BURCALE RD

SUNHOUSE 24 (Continued) **U003629558**

Owner City, st, zip: MYRTLE BEACH SC 29579-8361
Owner Phone: 843-503-3691

Tank ID: 1
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline Super/Prem
Calcage: 25

Name: SUNHOUSE 24
Address: 5010 SOCASTEE BLVD
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 25

Name: SUNHOUSE 24
Address: 5010 SOCASTEE BLVD
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 8000
Product: Gasoline RUL
Calcage: 25

Name: SUNHOUSE 24
Address: 5010 SOCASTEE BLVD
City: MYRTLE BEACH

Tank ID: 4
Status: **Currently in Use**
Capacity: 4000
Product: Diesel fuel
Calcage: 25

Name: SUNHOUSE 24
Address: 5010 SOCASTEE BLVD
City: MYRTLE BEACH

Tank ID: 5
Status: **Currently in Use**
Capacity: 1000
Product: Gasoline
Calcage: 25

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 12649
WPC Permit: Not reported
Program: DUST

SUNHOUSE 24 (Continued) **U003629558**

Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 12649. RBCA Classification 3AC1. Conducting investigation/Risk Assessment.

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776 **FAMILY KINGDOM INC** **ECHO** **1012218577**
Target **300 4TH AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
9 ft.

Focus Map:
36

ECHO:

Envid:	1012218577
Registry ID:	110040507788
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110040507788
Name:	FAMILY KINGDOM INC
Address:	300 4TH AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577

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777 **BRAVE VILLAGE SHOPPING CTR** **LUST** **U003519538**
Target **5429 DICK POND RD** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Actual:
15 ft.

Focus Map:
34

LUST:

Name:	BRAVE VILLAGE SHOPPING CTR
Address:	5429 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	1
Facility ID:	16899
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	VAUGHT, HELEN

BRAVE VILLAGE SHOPPING CTR (Continued) **U003519538**

Tank Owner Last Name:	VAUGHT
Tank Owner First name:	HELEN
NFA Date:	11/21/2005
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	01/03/1995
Release Date:	09/26/1994
EID:	1792928
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	BRAVE VILLAGE SHOPPING CTR
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	01/03/1995
Prefix:	U
Total Score:	90

LUST:

Release Date:	09/26/1994
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	01/03/1995
RP Name:	KONOVER PROPERTY TRUST
RP Address:	11000 REGENCY PKWY STE 300
RP City:	CARY
RP State:	NC
RP Zip:	27411
SCRBCA Class Code:	CLASS2BB
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	WS

UST:

Name:	BRAVE VILLAGE SHOPPING CTR
Address:	5429 DICK POND RD
City:	MYRTLE BEACH
Facility ID:	16899
Permit:	U 16899
Owner:	VAUGHT, HELEN
Owner Address:	7770 MOSS CREEK RD
Owner City, st, zip:	MYRTLE BEACH SC 29575-0020
Owner Phone:	843-650-2703

Tank ID:	1
Status:	**Abandoned**
Capacity:	Not reported
Product:	Multiple hydrocarbons
Calcage:	Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported

BRAVE VILLAGE SHOPPING CTR (Continued) **U003519538**

Bureau of Land & Waste Management File #:	Not reported
Permit Number:	16899
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 16899. RBCA Classification 2BB3. Monitored Natural Attenuation.

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778 **AIRBRUSH 66 2** **EDR Hist Auto** **1021276451**
Target **211 S OCEAN BLVD** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
10 ft.

Focus Map:
36

Year:	Name:	Type:
2009	AIRBRUSH 66 2	Gasoline Service Stations, NEC
2010	AIRBRUSH 66 2	Gasoline Service Stations, NEC
2011	AIRBRUSH 66 2	Gasoline Service Stations, NEC
2012	AIRBRUSH 66 2	Gasoline Service Stations, NEC
2013	AIRBRUSH 66 2	Gasoline Service Stations, NEC

779 Target Property	**MYRTLE BEACH FUNERAL HOME AND CREMATORY 4505 HWY 17 BYP S MYRTLE BEACH, SC 29577**	**ECHO**	**1012087089 N/A**

Actual: 19 ft.
Focus Map: 34

ECHO:

Envid:	1012087089
Registry ID:	110038438063
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038438063
Name:	MYRTLE BEACH FUNERAL HOME AND CREMATORY
Address:	4505 HWY 17 BYP S
City,State,Zip:	MYRTLE BEACH, SC 29577

FP780 Target Property	**NORTHGATE CLEANERS 3578 HWY 17 BYPASS S MYRTLE BEACH, SC 29588**	**ECHO**	**1007483474 N/A**

Site 1 of 2 in cluster FP

Actual: 19 ft.
Focus Map: 34

ECHO:

Envid:	1007483474
Registry ID:	110017613956
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017613956
Name:	NORTHGATE CLEANERS
Address:	3578 HWY 17 BYPASS S
City,State,Zip:	MYRTLE BEACH, SC 29588

FP781 Target Property	**NORTHGATE CLEANERS 3578 HWY 17 BYPASS S MYRTLE BEACH, SC 29588**	**RCRA-VSQG**	**1007265042 SCR000765594**

Site 2 of 2 in cluster FP

Actual: 19 ft.
Focus Map: 34

RCRA Listings:

Date Form Received by Agency:	2008-04-17 00:00:00.0
Handler Name:	NORTHGATE CLEANERS
Handler Address:	3578 HWY 17 BYPASS S
Handler City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCR000765594
Contact Name:	DEBRA LANGDON
Contact Address:	HWY 17 BYPASS S
Contact City,State,Zip:	MYRTLE BEACH, SC 29588
Contact Telephone:	843-593-7474
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WT
Mailing Address:	HWY 17 BYPASS S
Mailing City,State,Zip:	MYRTLE BEACH, SC 29588
Owner Name:	DEBRA LANGDON
Owner Type:	Private

NORTHGATE CLEANERS (Continued) **1007265042**

Operator Name:	DEBRA LANDGON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

NORTHGATE CLEANERS (Continued) **1007265042**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEBRA LANDGON
Legal Status:	Private
Date Became Current:	2005-12-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3578 HWY 17 BYPASS SOUTH
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588
Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEBRA LANGDON
Legal Status:	Private
Date Became Current:	2005-12-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3578 HWY 17 BYPASS SOUTH
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588
Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALLY HAMRICK & DEBBIE LANGDON
Legal Status:	Private
Date Became Current:	2004-03-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3578 HWY 17 BYPASS S
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588

NORTHGATE CLEANERS (Continued) **1007265042**

Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALLY HAMRICK & DEBBIE LANGDON
Legal Status:	Private
Date Became Current:	2004-03-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3578 HWY 17 BYPASS S
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588
Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEBRA LANDGON
Legal Status:	Private
Date Became Current:	2005-12-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3578 HWY 17 BYPASS SOUTH
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588
Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALLY HAMRICK & DEBBIE LANGDON
Legal Status:	Private
Date Became Current:	2004-03-31 00:00:00.
Date Ended Current:	2005-12-20 00:00:00.
Owner/Operator Address:	HWY 17 BYPASS S
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588
Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALLY HAMRICK & DEBBIE LANGDON
Legal Status:	Private
Date Became Current:	2004-03-31 00:00:00.
Date Ended Current:	2005-12-20 00:00:00.
Owner/Operator Address:	HWY 17 BYPASS S
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588
Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEBRA LANGDON
Legal Status:	Private
Date Became Current:	2005-12-20 00:00:00.

NORTHGATE CLEANERS (Continued) **1007265042**

Date Ended Current:	Not reported
Owner/Operator Address:	3578 HWY 17 BYPASS SOUTH
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29588
Owner/Operator Telephone:	843-293-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	NORTHGATE CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-06 00:00:00.0
Handler Name:	NORTHGATE CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-17 00:00:00.0
Handler Name:	NORTHGATE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

NORTHGATE CLEANERS (Continued) **1007265042**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2004-05-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

782 **SPIVEY SOUTH PUMPING STATION** **UST** **U003525528**
Target **5TH AVE S & YAUPON DR** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
14 ft.
Focus Map:
36

UST:

Name:	SPIVEY SOUTH PUMPING STATION
Address:	5TH AVE S & YAUPON DR
City:	MYRTLE BEACH
Facility ID:	14966
Permit:	N 14966
Owner:	MYRTLE BEACH CITY OF
Owner Address:	PO BOX 2468
Owner City, st, zip:	MYRTLE BEACH SC 29578-2468
Owner Phone:	843-918-2160
Tank ID:	1
Status:	**Abandoned**
Capacity:	270
Product:	Diesel fuel
Calcage:	Not reported

FQ783 **FOOD LION 289** **ECHO** **1014835657**
Target **5413 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 3 in cluster FQ

Actual:
16 ft.
Focus Map:
34

ECHO:

Envid:	1014835657
Registry ID:	110043179155
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110043179155
Name:	FOOD LION 289
Address:	5413 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588

FQ784 **REGAL CLEANERS** **DRYCLEANERS** **S119122409**
Target **5401 DICK POND ROAD** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 3 in cluster FQ

Actual:
17 ft.
Focus Map:
34

Drycleaners:

BLWM Number:	56048
Rank:	N
Priority Group Explanation:	N

FQ785 **REGAL CLEANERS** **EDR Hist Cleaner** **1020073045**
Target **5401 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 3 of 3 in cluster FQ

Actual:
17 ft.
Focus Map:
34

EDR Hist Cleaner

Year:	Name:	Type:
2000	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2001	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC

REGAL CLEANERS (Continued) **1020073045**

2002	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2005	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2006	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2007	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2008	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2009	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2010	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2011	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2012	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2013	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC
2014	REGAL CLEANERS	Drycleaning Plants, Except Rugs, NEC

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786 **FUN SPOT ACTION PARK** **LUST** **U003521601**
Target **500 S OCEAN BLVD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
10 ft.

Focus Map:
36

LUST:

Name:	FUN SPOT ACTION PARK
Address:	500 S OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	17123
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	FUN SPOT INC
Tank Owner Last Name:	FUN SPOT INC
Tank Owner First name:	Not reported
NFA Date:	07/12/1999
Tank Owner City:	ORLANDO
Confirmed Date:	11/20/1998
Release Date:	11/19/1998
EID:	1793647
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BD
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	FUN SPOT ACTION PARK
Local Fac First Name:	Not reported
User Name:	MINERRS
Cleanup Initiated Date:	11/20/1998
Prefix:	N
Total Score:	1

LUST:

Release Date:	11/19/1998
Cleanup Complete Date:	07/12/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	11/20/1998
RP Name:	SWAIM
RP Address:	460 RUM GULLY RD
RP City:	MURRELLS INLET
RP State:	SC
RP Zip:	29576

FUN SPOT ACTION PARK (Continued) **U003521601**

SCRBCA Class Code:	CLASS3BD
Project Manager:	MINER, READ S
Release Fin Type Code:	W25

UST:

Name:	FUN SPOT ACTION PARK
Address:	500 S OCEAN BLVD
City:	MYRTLE BEACH
Facility ID:	17123
Permit:	N 17123
Owner:	FUN SPOT INC
Owner Address:	5551 DEL VERDE WAY
Owner City, st, zip:	ORLANDO FL 32819-8505
Owner Phone:	803-448-5716

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	20

FR787 **REGAL CLEANERS & LAUNDRY** **RCRA-VSQG** **1004780868**
Target **5401 HWY 544** **ECHO** **SCR000001552**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster FR

Actual:
17 ft.

Focus Map:
34

RCRA Listings:

Date Form Received by Agency:	1998-07-21 00:00:00.0
Handler Name:	REGAL CLEANERS & LAUNDRY
Handler Address:	5401 HWY 544
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000001552
Contact Name:	JOHN VUKIC
Contact Address:	3892 STILLWOOD DR
Contact City,State,Zip:	MYRTLE BEACH, SC 29575
Contact Telephone:	843-650-2112
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	STILLWOOD DR
Mailing City,State,Zip:	MYRTLE BEACH, SC 29575
Owner Name:	JOHN & LINDA VUKIC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No

REGAL CLEANERS & LAUNDRY (Continued) **1004780868**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

REGAL CLEANERS & LAUNDRY (Continued) **1004780868**

Hazardous Waste Summary:

Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN & LINDA VUKIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3892 STILLWOOD DR
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29575
Owner/Operator Telephone:	843-215-4152
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-07-21 00:00:00.0
Handler Name:	REGAL CLEANERS & LAUNDRY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004780868
Registry ID:	110002330415

REGAL CLEANERS & LAUNDRY (Continued) **1004780868**

DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330415
Name:	REGAL CLEANERS & LAUNDRY
Address:	5401 HWY 544
City,State,Zip:	MYRTLE BEACH, SC 29588

FR788 **REGAL CLEANERS** **SHWS** **S107454563**
Target **5401 HWY 544 BRAVES VILLAGE** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 2 in cluster FR

Actual:
17 ft.

Focus Map:
34

SHWS:

Name:	REGAL CLEANERS
Address:	5401 HWY 544 BRAVES VILLAGE
City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCDRY0056048

FS789 **MYRTLE BEACH CLEANERS 801** **ECHO** **1016203483**
Target **801 SOUTH KING HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 4 in cluster FS

Actual:
22 ft.

Focus Map:
36

ECHO:

Envid:	1016203483
Registry ID:	110004939194
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004939194
Name:	MYRTLE BEACH CLEANERS 801
Address:	801 SOUTH KING HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

---

790 **NILSON VAN & STORAGE** **UST** **U003523867**
Target **600 11TH AVE S** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
16 ft.

Focus Map:
35

UST:

Name:	NILSON VAN & STORAGE
Address:	600 11TH AVE S
City:	MYRTLE BEACH
Facility ID:	05173
Permit:	N 05173
Owner:	NILSON VAN & STORAGE
Owner Address:	6913 N MAIN ST
Owner City, st, zip:	COLUMBIA SC 29203-3898
Owner Phone:	803-786-1090

Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Gasoline
Calcage:	Not reported

FT791 Target Property | **TSA AT MYRTLE BEACH INTERNATIONAL** | **RCRA-SQG** | **1007449373**
1100 JETPORT RD | **SCR000765891**
MYRTLE BEACH, SC 29577

Site 1 of 9 in cluster FT

Actual: **22 ft.**
Focus Map: **35**

RCRA Listings:

Date Form Received by Agency:	2020-01-27 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Handler Address:	1100 JETPORT RD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000765891
Contact Name:	JEFFREY WARNER
Contact Address:	INTERNATIONAL BLVD STE C104
Contact City,State,Zip:	CHARLESTON, SC 29418
Contact Telephone:	843-626-4387
Contact Fax:	Not reported
Contact Email:	JEFFREY.WARNER@TSA.DHS.GOV
Contact Title:	EMC
EPA Region:	04
Land Type:	Federal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	JETPORT RD
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	HORRY COUNTY
Owner Type:	Private
Operator Name:	TSA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-28 09:44:40.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: TSA
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1100 JETPORT RD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HORRY COUNTY
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1236
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TSA
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1100 JETPORT RD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HORRY COUNTY
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1236
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HORRY COUNTY
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Owner/Operator Address:	PO BOX 1236
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TSA

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PO
Owner/Operator Name:	HORRY COUNTY
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	2016-03-17 00:00:00.
Owner/Operator Address:	PO BOX 1236
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1236
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Owner/Operator Indicator:	PO
Owner/Operator Name:	HORRY COUNTY
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	2016-03-17 00:00:00.
Owner/Operator Address:	PO BOX 1236
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1236
Owner/Operator City,State,Zip:	CONWAY, SC 29526
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TSA
Legal Status:	Private
Date Became Current:	2004-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HORRY COUNTY
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1236
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HORRY COUNTY
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1236
Owner/Operator City,State,Zip: CONWAY, SC 29526
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TSA
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1100 JETPORT RD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TSA
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1100 JETPORT RD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-248-1201
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TSA
Legal Status: Private
Date Became Current: 2004-06-11 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1100 JETPORT RD

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-248-1201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-06-11 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-10-21 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-30 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-17 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-20 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-05 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-12-27 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2019-01-09 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2020-01-27 00:00:00.0
Handler Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Federal Waste Generator Description:	Small Quantity Generator

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

NAICS Code: 488119
NAICS Description: OTHER AIRPORT OPERATIONS

NAICS Code: 928110
NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-03-10 00:00:00.0
Actual Return to Compliance Date: 2016-03-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-03-23 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-03-10 00:00:00.0
Actual Return to Compliance Date: 2016-03-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-03-23 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 2016-03-10 00:00:00.0
Actual Return to Compliance Date: 2016-03-16 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-03-23 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2016-03-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCKM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-03-14 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-03-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCKM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-03-14 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-03-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCKM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2016-03-16 00:00:00.0
Scheduled Compliance Date: Not reported

TSA AT MYRTLE BEACH INTERNATIONAL (Continued) **1007449373**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FT792 **MYRTLE BEACH INTERNATIONAL AIRPORT** **ECHO** **1007219670**
Target **1100 JETPORT ROAD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 9 in cluster FT

Actual:
22 ft.
Focus Map:
35

ECHO:

Envid:	1007219670
Registry ID:	110016753556
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110016753556
Name:	MYRTLE BEACH INTERNATIONAL AIRPORT
Address:	1100 JETPORT ROAD
City,State,Zip:	MYRTLE BEACH, SC 29577

FT793 **ALLEGIANT AIR** **ECHO** **1025480835**
Target **1100 JETPORT RD TERMINAL** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 9 in cluster FT

Actual:
22 ft.
Focus Map:
35

ECHO:

Envid:	1025480835
Registry ID:	110070595544
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070595544
Name:	ALLEGIANT AIR
Address:	1100 JETPORT RD TERMINAL
City,State,Zip:	MYRTLE BEACH, SC 29577

FT794 **ALLEGIANT AIR** **RCRA-VSQG** **1025505226**
Target **1100 JETPORT RD TERMINAL** **SCR000786269**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 9 in cluster FT

Actual:
22 ft.
Focus Map:
35

RCRA Listings:

Date Form Received by Agency:	2019-06-10 00:00:00.0
Handler Name:	ALLEGIANT AIR
Handler Address:	1100 JETPORT RD TERMINAL
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000786269
Contact Name:	TREVOR RIZO
Contact Address:	1201 NORTH TOWN CENTER DRIVE
Contact City,State,Zip:	LAS VEGAS, NV 89144
Contact Telephone:	702-830-8325
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	County

ALLEGIANT AIR (Continued) **1025505226**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1201 NORTH TOWN CENTER DRIVE
Mailing City,State,Zip:	LAS VEGAS, NV 89144
Owner Name:	SITE OPERATOR/OWNER-HORRY COUNTY
Owner Type:	County
Operator Name:	ALLEGIANT AIR
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

ALLEGIANT AIR (Continued) **1025505226**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-18 11:49:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U057
Waste Description:	CYCLOHEXANONE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SITE OPERATOR/OWNER-HORRY COUNTY
Legal Status:	County
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD TERMINAL
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALLEGIANT AIR (Continued) **1025505226**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALLEGIANT AIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 NORTH TOWN CENTER DRIVE
Owner/Operator City,State,Zip:	LAS VEGAS, NV 89144
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-10 00:00:00.0
Handler Name:	ALLEGIANT AIR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	481111
NAICS Description:	SCHEDULED PASSENGER AIR TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FT795 **BUDGET RENT A CAR** **LUST** **S125069232**
Target **1100 JET PORT RD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 5 of 9 in cluster FT

Actual:
22 ft.

Focus Map:
35

LUST:

Name:	BUDGET RENT A CAR
Address:	1100 JET PORT RD
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	04913
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENDANT CAR RENTAL GROU06/11/97
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/25/1999

BUDGET RENT A CAR (Continued) **S125069232**

Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	DUBOISPM
Cleanup Initiated Date:	07/11/1997
Prefix:	Not reported
Total Score:	13

LUST:

Release Date:	06/11/1997
Cleanup Complete Date:	08/25/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	07/11/1997
RP Name:	BUDGET RENT A CAR
RP Address:	FLORENCE REG AIRPORT HWY 301
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501
SCRBCA Class Code:	CLASS3BF
Project Manager:	DUBOIS, PAMELA M
Release Fin Type Code:	W25

FT796 **TSA AT MYRTLE BEACH INTERNATIONAL** **ECHO** **1007733167**
Target **1100 JETPORT RD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 6 of 9 in cluster FT

Actual:
22 ft.

Focus Map:
35

ECHO:

Envid:	1007733167
Registry ID:	110018901205
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018901205
Name:	TSA AT MYRTLE BEACH INTERNATIONAL
Address:	1100 JETPORT RD
City,State,Zip:	MYRTLE BEACH, SC 29577

FT797 **Target Property** | **BUDGET RENT A CAR** **1100 JET PORT RD** **MYRTLE BEACH, SC** | **UST** | **U004256069** **N/A**

Site 7 of 9 in cluster FT

Actual: **22 ft.**
Focus Map: **35**

UST:

Name:	HERTZ RENT A CAR
Address:	1100 JET PORT RD
City:	MYRTLE BEACH
Facility ID:	05036
Permit:	N 05036
Owner:	HERTZ CORP
Owner Address:	225 BRAE BLVD
Owner City, st, zip:	PARK RIDGE NJ 07656
Owner Phone:	201-307-2699
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	BUDGET RENT A CAR
Address:	1100 JET PORT RD
City:	MYRTLE BEACH
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5
Name:	HERTZ RENT A CAR
Address:	1100 JET PORT RD
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	15000
Product:	Gasoline
Calcage:	10

FT798 **Target Property** | **HERTZ RENT A CAR** **1100 JET PORT RD** **MYRTLE BEACH, SC 29577** | **LUST** | **S125069233** **N/A**

Site 8 of 9 in cluster FT

Actual: **22 ft.**
Focus Map: **35**

LUST:

Name:	HERTZ RENT A CAR
Address:	1100 JET PORT RD
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05036
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HERTZ CORP
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported

HERTZ RENT A CAR (Continued) **S125069233**

NFA Date:	11/23/1998
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/11/1997
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILLIACJ
Cleanup Initiated Date:	09/12/1997
Prefix:	Not reported
Total Score:	3

LUST:

Release Date:	06/11/1997
Cleanup Complete Date:	11/23/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/12/1997
RP Name:	HERTZ CORP
RP Address:	225 BRAE BLVD
RP City:	PARK RIDGE
RP State:	NJ
RP Zip:	07656
SCRBCA Class Code:	CLASS2BB
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	W25

FT799
Target
Property

ALLEGA ASPHALT PAVING CO MYRTLE BEACH PL
1100 JETPORT RD
MYRTLE BEACH, SC 29577

ECHO **1017385855**
N/A

Site 9 of 9 in cluster FT

Actual:
22 ft.

Focus Map:
35

ECHO:

Envid:	1017385855
Registry ID:	110062742420
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110062742420
Name:	ALLEGA ASPHALT PAVING CO MYRTLE BEACH PL
Address:	1100 JETPORT RD
City,State,Zip:	MYRTLE BEACH, SC 29577

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

FS800 **Target Property** — **FMR DRYCLEAN USA COASTAL INC**, **801 S KINGS HWY**, **MYRTLE BEACH, SC 29577** — **SHWS** — **S105621654** / **N/A**

Site 2 of 4 in cluster FS

Actual: 22 ft.
Focus Map: 36

SHWS:

Name:	FMR DRYCLEAN USA COASTAL INC
Address:	801 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCDRY0052468

FS801 **Target Property** — **FMR DRYCLEAN USA COASTAL, INC.**, **801 SOUTH KINGS HWY**, **MYRTLE BEACH, SC** — **DRYCLEANERS** — **S117725555** / **N/A**

Site 3 of 4 in cluster FS

Actual: 22 ft.
Focus Map: 36

Drycleaners:

BLWM Number:	52468
Rank:	A
Priority Group Explanation:	A

FS802 **Target Property** — **THREE G CORP**, **801 S KINGS HGWY**, **MYRTLE BEACH, SC 29577** — **EDR Hist Cleaner** — **1018829806** / **N/A**

Site 4 of 4 in cluster FS

Actual: 22 ft.
Focus Map: 36

EDR Hist Cleaner

Year:	Name:	Type:
1986	THREE G CORP	Garment Pressing And Cleaners’ Agents
1987	THREE G CORP	Garment Pressing And Cleaners’ Agents
1988	THREE G CORP	Garment Pressing And Cleaners’ Agents
1989	THREE G CORP	Garment Pressing And Cleaners’ Agents
1990	THREE G CORP	Garment Pressing And Cleaners’ Agents
1991	THREE G CORP	Garment Pressing And Cleaners’ Agents
1992	THREE G CORP	Garment Pressing And Cleaners’ Agents

FU803 **Target Property** — **AVX CORPORATION MYRTLE BEACH**, **17TH AVENUE, SOUTH**, **MYRTLE BEACH, SC 29577** — **SHWS**, **GWCI** — **1000108880** / **N/A**

Site 1 of 3 in cluster FU

Actual: 20 ft.
Focus Map: 35

SHWS:

Name:	AVX CORPORATION MYRTLE BEACH
Address:	17TH AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD062690557

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD062690557
Solid Waste Permit #:	Not reported

AVX CORPORATION MYRTLE BEACH (Continued) **1000108880**

Bureau of Land & Waste Management File #:	51602
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	VOC
Petroleum Products:	False
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST, S/L
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES
Monitoring:	YES
Remediation:	YES
Surface Impact:	YES
Drinking Water Well Impact:	NO

Remarks: BLWM File # 51602. Inassessment, monitoring and remediation phases. Plume discharging to Withers Swash. No discovered impact to drinking water wells. However, several irrigation wells in residential area impacted.

FU804 **Target** **Property**	**AVX CORP/MYRTLE BEACH PLANT** **801 17TH AVE S** **MYRTLE BEACH, SC 29577**	**ECHO**	**1016125083** **N/A**

Site 2 of 3 in cluster FU

Actual:
20 ft.
Focus Map:
35

ECHO:

Envid:	1016125083
Registry ID:	110056954158
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110056954158
Name:	AVX CORP MYRTLE BEACH
Address:	801 17TH AVENUE
City,State,Zip:	MYRTLE BEACH, SC 29577

FU805 **Target** **Property**	**AVX CORPORATION** **17TH AVENUE, SOUTH** **MYRTLE BEACH, SC 29577**	**SEMS-ARCHIVE** **RCRA-LQG**	**1015731898** **SCD062690557**

Site 3 of 3 in cluster FU

Actual:
20 ft.

Focus Map:
35

SEMS Archive:

Site ID:	0406424
EPA ID:	SCD062690557
Name:	AVX CORPORATION
Address:	17TH AVENUE, SOUTH
Address 2:	Not reported
City,State,Zip:	MYRTLE BEACH, SC 29577
Cong District:	06
FIPS Code:	45051
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	04
Site ID:	0406424
EPA ID:	SCD062690557
Site Name:	AVX CORPORATION
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	2017-08-15 05:00:00
Finish Date:	2017-08-15 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	04
Site ID:	0406424
EPA ID:	SCD062690557
Site Name:	AVX CORPORATION
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	Not reported
Finish Date:	2010-01-21 05:00:00
Qual:	N
Current Action Lead:	St Perf

Region:	04
Site ID:	0406424
EPA ID:	SCD062690557
Site Name:	AVX CORPORATION
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1

AVX CORPORATION (Continued) **1015731898**

Start Date:	Not reported
Finish Date:	1996-09-26 04:00:00
Qual:	N
Current Action Lead:	St Perf
Region:	04
Site ID:	0406424
EPA ID:	SCD062690557
Site Name:	AVX CORPORATION
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-09-26 04:00:00
Qual:	L
Current Action Lead:	St Perf
Region:	04
Site ID:	0406424
EPA ID:	SCD062690557
Site Name:	AVX CORPORATION
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1995-10-19 04:00:00
Finish Date:	1995-10-19 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

RCRA Listings:

Date Form Received by Agency:	2020-01-02 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Handler Address:	2200 AVX DR
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCD062690557
Contact Name:	JERRY WASHINGTON
Contact Address:	AVX DRIVE
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-946-0326
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	EHS MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported

AVX CORPORATION (Continued) **1015731898**

State District:	Not reported
Mailing Address:	AVX DRIVE
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	Not reported
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-02 15:28:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

AVX CORPORATION (Continued) **1015731898**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

AVX CORPORATION (Continued) **1015731898**

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

AVX CORPORATION (Continued) **1015731898**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: P098
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U069
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U101
Waste Description: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

Waste Code: U103
Waste Description: DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER

Waste Code: U115
Waste Description: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

Waste Code: U123
Waste Description: FORMIC ACID (C,T)

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U151
Waste Description: MERCURY

Waste Code: U160
Waste Description: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

Waste Code: U162
Waste Description: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U170
Waste Description: P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-

AVX CORPORATION (Continued) **1015731898**

Waste Code: U173
Waste Description: ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U196
Waste Description: PYRIDINE

Waste Code: U219
Waste Description: THIOUREA

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U226
Waste Description: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Waste Code: U228
Waste Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: Not reported
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AVX CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 867
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-448-9411
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AVX CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 867
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-448-9411

AVX CORPORATION (Continued) **1015731898**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	OPERSTREET
Owner/Operator City,State,Zip:	OPERCITY, WY 99999
Owner/Operator Telephone:	404-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported

AVX CORPORATION (Continued) **1015731898**

Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORP

AVX CORPORATION (Continued) **1015731898**

Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 867
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29526
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status: Private
Date Became Current: 2004-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 867
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

AVX CORPORATION (Continued) **1015731898**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578-0867
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

AVX CORPORATION (Continued) **1015731898**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2003-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2010-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

AVX CORPORATION (Continued) **1015731898**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578-0867
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORP
Legal Status:	Private

AVX CORPORATION (Continued) **1015731898**

Date Became Current:	2003-02-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29578
Owner/Operator Telephone:	843-448-9411
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2010-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Not reported
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVX CORPORATION-MYRTLE BEACH BR UNKNOWN
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 867
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-12-31 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AVX CORPORATION (Continued) **1015731898**

Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2000-02-07 00:00:00.0
Handler Name:	AVX CORP
Federal Waste Generator Description:	Large Quantity Generator

AVX CORPORATION (Continued) **1015731898**

State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2001-04-27 00:00:00.0
Handler Name: AVX CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2001-10-29 00:00:00.0
Handler Name: AVX CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-10-28 00:00:00.0
Handler Name: AVX CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2003-02-28 00:00:00.0
Handler Name: AVX CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

AVX CORPORATION (Continued) **1015731898**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-06 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-10-20 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-07-16 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-04-15 00:00:00.0
Handler Name:	AVX CORPORATION MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AVX CORPORATION (Continued) **1015731898**

Receive Date:	2015-07-15 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-07-12 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2020-01-02 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1990-03-01 00:00:00.0
Handler Name:	AVX CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-03-27 00:00:00.0
Handler Name:	AVX CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

AVX CORPORATION (Continued) **1015731898**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-01 00:00:00.0
Handler Name:	AVX CORPORATION (MYRTLE BEACH)
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-03 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

AVX CORPORATION (Continued) **1015731898**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name:	AVX CORPORATION-MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-01 00:00:00.0
Handler Name:	AVX CORPORATION MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11111

AVX CORPORATION (Continued) **1015731898**

NAICS Description: SOYBEAN FARMING

NAICS Code: 334414
NAICS Description: ELECTRONIC CAPACITOR MANUFACTURING

NAICS Code: 334416
NAICS Description: ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2008-04-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-10-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 1992-07-23 00:00:00.0
Actual Return to Compliance Date: 1992-08-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: 1992-09-18 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1992-08-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-11-30 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLBD
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-12-06 00:00:00.0
Actual Return to Compliance Date: 1996-12-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1996-08-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCKDB
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-01-20 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2008-04-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-04-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLBD
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-10-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-09-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCSEW
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-10-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2008-04-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2007-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	SCSEW
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-01-20 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-02-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-10-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCMM
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2006-09-20 00:00:00.0
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2007-11-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCLBD
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2008-04-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2008-04-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLBD
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-12-06 00:00:00.0
Actual Return to Compliance Date: 1996-12-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1996-12-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: SCKDB
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 7000
Paid Amount: 7000
Final Count: 1
Final Amount: 7000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-01-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2008-04-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-11-30 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLBD
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-12-06 00:00:00.0
Actual Return to Compliance Date: 1996-12-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1996-12-19 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: SCKDB
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 7000
Paid Amount: 7000
Final Count: 1
Final Amount: 7000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-01-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2008-04-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-10-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCMM
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-09-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCSEW
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-11-30 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCLBD
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2006-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2007-11-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCLBD
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 1992-07-23 00:00:00.0
Actual Return to Compliance Date: 1992-07-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1992-09-18 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1992-08-18 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-12-06 00:00:00.0
Actual Return to Compliance Date: 1996-12-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1996-08-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	SCKDB
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2006-09-20 00:00:00.0
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2007-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	SCSEW
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number: Not reported	

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-12-06 00:00:00.0
Actual Return to Compliance Date: 1996-12-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1996-08-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKDB
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2006-09-20 00:00:00.0
Actual Return to Compliance Date: 2008-04-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2007-09-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: SCSEW
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1991-09-26 00:00:00.0
Actual Return to Compliance Date: 1991-10-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1991-10-28 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1991-09-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-01-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2016-01-13 00:00:00.0
Actual Return to Compliance Date: 2016-01-13 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2016-02-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1990-09-28 00:00:00.0
Actual Return to Compliance Date: 1990-11-01 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-12-06 00:00:00.0
Actual Return to Compliance Date: 1996-12-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 1996-08-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKDB
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

AVX CORPORATION (Continued) **1015731898**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-07-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1992-08-20 00:00:00.0
Scheduled Compliance Date:	1992-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK

AVX CORPORATION (Continued) **1015731898**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1996-12-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-01-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

AVX CORPORATION (Continued) **1015731898**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-01-13 00:00:00.0
Evaluation Responsible Agency:	State

AVX CORPORATION (Continued) **1015731898**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-01-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-09-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-02-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-09-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-03-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AVX CORPORATION (Continued) **1015731898**

Evaluation Date:	1990-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	SC
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1996-12-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-01-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-12-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported

AVX CORPORATION (Continued) **1015731898**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1996-12-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-01-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

AVX CORPORATION (Continued) **1015731898**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-02-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-09-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State

AVX CORPORATION (Continued) **1015731898**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-07-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-07-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1992-07-27 00:00:00.0
Scheduled Compliance Date:	1992-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1996-12-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2006-09-20 00:00:00.0

AVX CORPORATION (Continued) **1015731898**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1996-12-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	2008-04-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1991-10-28 00:00:00.0
Scheduled Compliance Date:	1991-10-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AVX CORPORATION (Continued) **1015731898**

Evaluation Date:	1993-03-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-02-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-01-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2016-01-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1990-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

AVX CORPORATION (Continued) **1015731898**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-11-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1996-12-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-06-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

806 **MYRTLEWOOD APARTMENTS** — **EDR Hist Cleaner** — **1020046443**
Target **407-407A 8TH AVE S** — **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Cleaner

Actual:
19 ft.

Focus Map:
36

Year:	Name:	Type:
1986	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1987	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1988	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1989	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1990	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1991	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1992	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1993	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1994	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1995	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs
1996	MYRTLEWOOD APARTMENTS	Drycleaning Plants, Except Rugs

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807 **BEST & HESS** — **EDR Hist Auto** — **1022128759**
Target **903 S KINGS HWY** — **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Auto

Actual:
22 ft.

Focus Map:
36

Year:	Name:	Type:
1970	BEST & HESS	Gasoline Service Stations

FV808 **SPEEDWAY 2840** — **ECHO** — **1004781318**
Target **900 S KINGS HWY** — **SCR000762260**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 4 in cluster FV

Actual:
23 ft.

Focus Map:
36

ECHO:

Envid:	1004781318
Registry ID:	110012223539
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012223539
Name:	HESS STATION 40222
Address:	900 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

FV809 **SPEEDWAY 2840** **UST** **U004253867**
Target **900 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 4 in cluster FV

Actual:
23 ft.

Focus Map:
36

UST:

Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	12339
Permit:	P 12339
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	0
Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	10000
Product:	Diesel fuel
Calcage:	0
Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Abandoned**

SPEEDWAY 2840 (Continued) **U004253867**

Capacity:	4000
Product:	Gasoline
Calcage:	Not reported
Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	6
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	Not reported
Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	7
Status:	**Abandoned**
Capacity:	7500
Product:	Gasoline
Calcage:	Not reported

FV810 **SPEEDWAY 2840** **UST** **U004256082**
Target **900 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC**

Site 3 of 4 in cluster FV

Actual:
23 ft.
Focus Map:
36

UST:

Name:	SPEEDWAY 2840
Address:	900 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	05103
Permit:	N 05103
Owner:	HESS CORPORATION
Owner Address:	1 HESS PLZ
Owner City, st, zip:	WOODBRIDGE NJ 07095-1299
Owner Phone:	732-750-6192
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

FV811 **BEST HESS** **EDR Hist Auto** **1020568258**
Target **900 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 4 in cluster FV

Actual:
23 ft.
Focus Map:
36

EDR Hist Auto

Year:	Name:	Type:
1971	BEST HESS	Gasoline Service Stations
1972	BEST HESS	Gasoline Service Stations
1973	BEST HESS	Gasoline Service Stations
1974	BEST HESS	Gasoline Service Stations
1982	WRENNS HESS	Gasoline Service Stations
1983	WRENNS HESS	Gasoline Service Stations
2000	HESS SERVICE STATION	Gasoline Service Stations
2001	HESS SERVICE STATION	Gasoline Service Stations
2002	HESS SERVICE STATION	Gasoline Service Stations
2003	HESS SERVICE STATION	Gasoline Service Stations
2004	HESS SERVICE STATION	Gasoline Service Stations
2005	HESS SERVICE STATION	Gasoline Service Stations
2006	HESS SERVICE STATION	Gasoline Service Stations
2007	HESS SERVICE STATION	Gasoline Service Stations
2008	HESS SERVICE STATION	Gasoline Service Stations

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812 **OSPREY MARINA RCEVE CORPORATION** **UST** **U003629851**
Target **8400 OSPREY RD** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
9 ft.
Focus Map:
33

UST:

Name: OSPREY MARINA RCEVE CORPORATION
Address: 8400 OSPREY RD
City: MYRTLE BEACH
Facility ID: 17598
Permit: P 17598
Owner: RCEE CORPORATION
Owner Address: 706 38TH AVE N
Owner City, st, zip: MYRTLE BEACH SC 29577
Owner Phone: 843-448-3116

Tank ID: 1
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: OSPREY MARINA RCEVE CORPORATION
Address: 8400 OSPREY RD
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 6000
Product: Diesel fuel
Calcage: 0

813 **Target Property** **DICK POND RD & STRAND DR** **MYRTLE BEACH, SC 29558** — **CDL** **S121604214** **N/A**

Actual: 19 ft.
Focus Map: 34

CDL 2:

Name:	Not reported
Address:	DICK POND RD & STRAND DR
City,State,Zip:	MYRTLE BEACH, SC 29558
Date Seized:	02/23/2018
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	HORRY COUNTY POLICE DEPT. HEADQUARTERS
Lab Number:	180019
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3450
Was NPLEX Used:	NO
Num Child:	0
Structure:	Vehicle

FW814 **Target Property** **PORT OIL #5** **1101 S KINGS HWY** **MYRTLE BEACH, SC 29577** — **EDR Hist Auto** **1021704373** **N/A**

Site 1 of 2 in cluster FW

Actual: 21 ft.
Focus Map: 36

EDR Hist Auto

Year:	Name:	Type:
1986	PORT OIL #5	Gasoline Service Stations
1987	PORT OIL #5	Gasoline Service Stations

FW815 **Target Property** **PORT UNIT 205** **1101 S KINGS HWY** **MYRTLE BEACH, SC** — **LUST** **UST** **GWCI** **U003524378** **N/A**

Site 2 of 2 in cluster FW

Actual: 21 ft.
Focus Map: 36

LUST:

Name:	PORT UNIT 205
Address:	1101 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-4502
Release Number:	1
Facility ID:	05185
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SPEEDWAY LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/14/2010
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/27/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported

PORT UNIT 205 (Continued) **U003524378**

Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: MARTINJM
Cleanup Initiated Date: 01/15/1991
Prefix: Not reported
Total Score: 68

LUST:
Release Date: 12/27/1989
Cleanup Complete Date: Not reported
Depth to Ground Water: 8
Ground Water Flow Direction: E
Release Number: 1
Confirmed date: 01/15/1991
RP Name: SPEEDWAY LLC
RP Address: 500 SPEEDWAY DR
RP City: ENON
RP State: OH
RP Zip: 45323-1056
SCRBCA Class Code: CLASS1D
Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

UST:
Name: PORT UNIT 205
Address: 1101 S KINGS HWY
City: MYRTLE BEACH
Facility ID: 05185
Permit: N 05185
Owner: SPEEDWAY LLC
Owner Address: 500 SPEEDWAY DR
Owner City, st, zip: ENON OH 45323-1056
Owner Phone: 336-767-6280

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: PORT UNIT 205
Address: 1101 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: PORT UNIT 205
Address: 1101 S KINGS HWY
City: MYRTLE BEACH

PORT UNIT 205 (Continued) **U003524378**

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: PORT UNIT 205
Address: 1101 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: PORT UNIT 205
Address: 1101 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05185
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False

PORT UNIT 205 (Continued) **U003524378**

Assessment: No
Monitoring: No
Remediation: Yes
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05185. RBCA Classification 1D4. Active corrective action.

816
Target
Property

GRAND STRAND WATER & SEWER AUTHORITY SOCASTEE
HWY 707 AT RECREATION RD
SOCASTEE, SC

LUST **U003506608**
UST **N/A**

Actual:
16 ft.

Focus Map:
34

LUST:

Name: GRAND STRAND WATER & SEWER AUTH
Address: HWY 707 AT RECREATION RD
City,State,Zip: SOCASTEE, SC 29577
Release Number: 1
Facility ID: 09644
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: GRAND STRAND WATER & SE07/01/94
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: 04/14/1995
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: Not reported
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: STOUDEDW
Cleanup Initiated Date: 04/14/1995
Prefix: Not reported
Total Score: Not reported

UST:

Name: GRAND STRAND WATER & SEWER AUTHORITY SOCASTEE
Address: HWY 707 AT RECREATION RD
City: SOCASTEE
Facility ID: 09644
Permit: N 09644
Owner: GRAND STRAND WATER & SEWER AUTHORITY
Owner Address: PO BOX 2368
Owner City, st, zip: CONWAY SC 29528-2368
Owner Phone: 843-234-8405

Tank ID: 1
Status: **Abandoned**
Capacity: 3000
Product: Diesel fuel
Calcage: 5

Name: GRAND STRAND WATER & SEWER AUTHORITY SOCASTEE

GRAND STRAND WATER & SEWER AUTHORITY SOCASTEE (Continued) **U003506608**

Address: HWY 707 AT RECREATION RD
City: SOCASTEE

Tank ID: 2
Status: **Abandoned**
Capacity: 500
Product: Waste oil, burnt oil, used oil
Calcage: 5

FX817 **GRAB N GO** **UST** **U004182768**
Target **3800 PALMETTO POINTE BLVD** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 2 in cluster FX

Actual:
12 ft.
Focus Map:
34

UST:
Name: GRAB N GO
Address: 3800 PALMETTO POINTE BLVD
City: MYRTLE BEACH
Facility ID: 19574
Permit: P 19574
Owner: SHIV OF PPB LLC
Owner Address: 1419 MCMASTER DR
Owner City, st, zip: MYRTLE BEACH SC 29575-5874
Owner Phone: 843-446-1212

Tank ID: 1
Status: **Currently in Use**
Capacity: 15000
Product: Gasoline RUL
Calcage: 0

Name: GRAB N GO
Address: 3800 PALMETTO POINTE BLVD
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 8000
Product: Multiple petroleum
Calcage: 0

FX818 **GRAB N GO** **EDR Hist Auto** **1022164992**
Target **3800 PALMETTO POINTE BLVD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 2 in cluster FX

Actual:
12 ft.
Focus Map:
34

EDR Hist Auto

Year:	Name:	Type:
2014	GRAB N GO	Gasoline Service Stations

819 Target Property	**NATIONAL CAR RENTAL SYSTEM INC MYRTLE BEACH CIVIL JETPORT MYRTLE BEACH, SC**	**LUST UST**	**U001120403 N/A**

Actual:
25 ft.

Focus Map:
35

LUST:

Name:	NATIONAL CAR RENTAL SYSTEM INC
Address:	MYRTLE BEACH CIVIL JETPORT
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	04917
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	NATIONAL CAR RENTAL SYST
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	12/11/1992
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	04/13/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PASLEYDC
Cleanup Initiated Date:	10/25/1992
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	06/11/1997
Cleanup Complete Date:	10/05/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	09/12/1997
RP Name:	NATIONAL CAR RENTAL SYSTEM INC
RP Address:	1299 PENNSYLVANIA AVE NW 10TH FLOOR
RP City:	WASHINGTON
RP State:	DC
RP Zip:	20004-2400
SCRBCA Class Code:	CLASS2BB
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	W25

Name:	NATIONAL CAR RENTAL SYSTEM INC
Address:	MYRTLE BEACH CIVIL JETPORT
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	2
Facility ID:	04917
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	NATIONAL CAR RENTAL SYST
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	10/05/1998

NATIONAL CAR RENTAL SYSTEM INC (Continued) **U001120403**

Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/11/1997
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WILLIACJ
Cleanup Initiated Date:	09/12/1997
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	06/11/1997
Cleanup Complete Date:	10/05/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	09/12/1997
RP Name:	NATIONAL CAR RENTAL SYSTEM INC
RP Address:	1299 PENNSYLVANIA AVE NW 10TH FLOOR
RP City:	WASHINGTON
RP State:	DC
RP Zip:	20004-2400
SCRBCA Class Code:	CLASS2BB
Project Manager:	WILLIAMS, CHARLES J
Release Fin Type Code:	W25

UST:

Name:	NATIONAL CAR RENTAL SYSTEM INC
Address:	MYRTLE BEACH CIVIL JETPORT
City:	MYRTLE BEACH
Facility ID:	04917
Permit:	N 04917
Owner:	NATIONAL CAR RENTAL SYSTEM INC
Owner Address:	1299 PENNSYLVANIA AVE NW 10TH FLOOR
Owner City, st, zip:	WASHINGTON DC 20004-2400
Owner Phone:	202-508-9500

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

820 **Target Property** — **SOCASTEE SCHOOL BUS SHOP**
5100 LAFON LN
MYRTLE BEACH, SC

UST — **U004018420** **N/A**

Actual: **19 ft.**
Focus Map: **34**

UST:

Name:	SOCASTEE SCHOOL BUS SHOP
Address:	5100 LAFON LN
City:	MYRTLE BEACH
Facility ID:	19174
Permit:	P 19174
Owner:	SC DEPT OF EDUCATION
Owner Address:	1429 SENATE RM 209
Owner City, st, zip:	COLUMBIA SC 29201
Owner Phone:	803-734-8252

Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

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821 **Target Property** — **CORAL BEACH OCEANFRONT RESORT AND SUITES**
1105 S OCEAN BLVD
MYRTLE BEACH, SC

LUST **UST** — **U003520504** **N/A**

Actual: **19 ft.**
Focus Map: **36**

LUST:

Name:	CORAL BEACH OCEANFRONT RESORT A
Address:	1105 S OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29572
Release Number:	1
Facility ID:	11512
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	MYRTLEBEACH LIMITED
Tank Owner Last Name:	MYRTLEBEACH LIMITED
Tank Owner First name:	Not reported
NFA Date:	01/22/1999
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	12/29/1998
Release Date:	12/14/1998
EID:	1765233
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	CORAL BEACH OCEANFRONT RESORT AND SUITES
Local Fac First Name:	Not reported
User Name:	STEPPAK
Cleanup Initiated Date:	12/29/1998
Prefix:	N
Total Score:	Not reported

UST:

Name:	CORAL BEACH OCEANFRONT RESORT AND SUITES
Address:	1105 S OCEAN BLVD
City:	MYRTLE BEACH
Facility ID:	11512
Permit:	N 11512

CORAL BEACH OCEANFRONT RESORT AND SUITES (Continued) **U003520504**

Owner:	MYRTLEBEACH LIMITED
Owner Address:	1105 S OCEAN BLVD
Owner City, st, zip:	MYRTLE BEACH SC 29572
Owner Phone:	803-448-8421

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	5

FY822
Target
Property

PANTRY 3065
1350 S KINGS HWY
N MYRTLE BEACH, SC 29582

GWCI **U003628633**
N/A

Site 1 of 3 in cluster FY

Actual:
22 ft.
Focus Map:
35

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05114
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05114. RBCA Classification 3BF8. Awaiting Funding.

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
823 **Target** **Property**	**FAMILY DOLLAR 3972** **5029 DICK POND RD** **MYRTLE BEACH, SC 29588**	**ECHO**	**1018160263** **SCR000780338**

Actual:
19 ft.

Focus Map:
34

ECHO:

Envid:	1018160263
Registry ID:	110066985739
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110066985739
Name:	FAMILY DOLLAR 3972
Address:	5029 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
824 **Target** **Property**	**HD BUILDER SOLUTIONS GROUP INC FL0101** **165 CO OP RD** **MYRTLE BEACH, SC 29588**	**ECHO**	**1010427971** **N/A**

Actual:
19 ft.

Focus Map:
34

ECHO:

Envid:	1010427971
Registry ID:	110031286445
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110031286445
Name:	HD BUILDER SOLUTIONS GROUP INC FL0101
Address:	165 CO OP RD
City,State,Zip:	MYRTLE BEACH, SC 29588

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
825 **Target** **Property**	**CARRIS R CRIBB SITE** **8911 HWY 701 S** **CONWAY, SC**	**LUST** **UST** **GWCI**	**U003519892** **N/A**

Actual:
18 ft.

Focus Map:
31

LUST:

Name:	CARRIS R CRIBB SITE
Address:	8911 HWY 701 S
City,State,Zip:	CONWAY, SC 29526
Release Number:	1
Facility ID:	16574
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	CRIBB, CARRIS
Tank Owner Last Name:	CRIBB
Tank Owner First name:	CARRIS
NFA Date:	04/08/2010
Tank Owner City:	GEORGETOWN
Confirmed Date:	01/11/1995
Release Date:	06/24/1993
EID:	1791993
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CARRIS R CRIBB SITE
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	01/11/1995
Prefix:	U
Total Score:	7

LUST:

Release Date:	06/24/1993
Cleanup Complete Date:	04/08/2010

CARRIS R CRIBB SITE (Continued) **U003519892**

Depth to Ground Water:	3.509
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	01/11/1995
RP Name:	CRIBB
RP Address:	279 WATERFORD DR
RP City:	GEORGETOWN
RP State:	SC
RP Zip:	29440
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

UST:

Name:	CARRIS R CRIBB SITE
Address:	8911 HWY 701 S
City:	CONWAY
Facility ID:	16574
Permit:	U 16574
Owner:	CRIBB, CARRIS R
Owner Address:	279 WATERFORD DR
Owner City, st, zip:	GEORGETOWN SC 29440
Owner Phone:	843-359-9679

Tank ID:	1
Status:	**Abandoned**
Capacity:	Not reported
Product:	Diesel fuel
Calcage:	Not reported

Name:	CARRIS R CRIBB SITE
Address:	8911 HWY 701 S
City:	CONWAY

Tank ID:	2
Status:	**Abandoned**
Capacity:	Not reported
Product:	Gasoline
Calcage:	Not reported

Name:	CARRIS R CRIBB SITE
Address:	8911 HWY 701 S
City:	CONWAY

Tank ID:	3
Status:	**Abandoned**
Capacity:	Not reported
Product:	Gasoline
Calcage:	Not reported

Name:	CARRIS R CRIBB SITE
Address:	8911 HWY 701 S
City:	CONWAY

Tank ID:	4
Status:	**Abandoned**

CARRIS R CRIBB SITE (Continued) **U003519892**

Capacity: Not reported
Product: Gasoline
Calcage: Not reported

Name: CARRIS R CRIBB SITE
Address: 8911 HWY 701 S
City: CONWAY

Tank ID: 5
Status: **Abandoned**
Capacity: Not reported
Product: Gasoline
Calcage: Not reported

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	16574
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 16574. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

826	**THOMPKINS MHP**	**ECHO**	**1008008783**
Target	**6308 ENTERPRISE RD**		**N/A**
Property	**MYRTLE BEACH, SC 29588**		

Actual: **11 ft.**

Focus Map: **33**

ECHO:

Envid:	1008008783
Registry ID:	110002174227
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002174227
Name:	THOMPKINS MHP (2660045)
Address:	6308 ENTERPRISE RD
City,State,Zip:	MYRTLE BEACH, SC 29588

FY827	**PANTRY INC**	**EDR Hist Auto**	**1021536879**
Target	**1405 S KINGS HWY 3241**		**N/A**
Property	**MYRTLE BEACH, SC 29577**		

Site 2 of 3 in cluster FY

Actual: **22 ft.**

Focus Map: **35**

EDR Hist Auto

Year:	Name:	Type:
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

FY828	**CIRCLE K 2723241**	**LUST**	**U003665622**
Target	**1405 S KINGS HWY**	**UST**	**N/A**
Property	**MYRTLE BEACH, SC**		

Site 3 of 3 in cluster FY

Actual: **22 ft.**

Focus Map: **35**

LUST:

Name:	CIRCLE K 2723241
Address:	1405 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	16903
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/16/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	09/17/2018
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported

CIRCLE K 2723241 (Continued) **U003665622**

Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 10/08/2018
Prefix: Not reported
Total Score: 0

UST:

Name: CIRCLE K 2723241
Address: 1405 S KINGS HWY
City: MYRTLE BEACH
Facility ID: 16903
Permit: P 16903
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 0

Name: CIRCLE K 2723241
Address: 1405 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 15000
Product: Gasoline RUL
Calcage: 0

829
Target
Property

FORMER LEE MOORE CONVENIENCE ST
1500 S KINGS HWY
N MYRTLE BEACH, SC

UST **U004017846**
N/A

Actual:
25 ft.
Focus Map:
35

UST:

Name: FORMER LEE MOORE CONVENIENCE ST
Address: 1500 S KINGS HWY
City: N MYRTLE BEACH
Facility ID: 15730
Permit: U 15730
Owner: LEE MOORE OIL CO
Owner Address: 1807 DOUGLAS DR
Owner City, st, zip: SANFORD NC 27330-9447
Owner Phone: Not reported

Tank ID: 1
Status: **Abandoned**
Capacity: 12000
Product: Gasoline
Calcage: 5

Name: FORMER LEE MOORE CONVENIENCE ST

FORMER LEE MOORE CONVENIENCE ST (Continued) **U004017846**

Address:	1500 S KINGS HWY
City:	N MYRTLE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	5
Name:	FORMER LEE MOORE CONVENIENCE ST
Address:	1500 S KINGS HWY
City:	N MYRTLE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	12000
Product:	Gasoline
Calcage:	5

830
Target
Property

REFUEL 51
6151 HWY 707
MYRTLE BEACH, SC

UST **U004154243**
N/A

Actual:
18 ft.
Focus Map:
34

UST:

Name:	REFUEL 51
Address:	6151 HWY 707
City:	MYRTLE BEACH
Facility ID:	19518
Permit:	P 19518
Owner:	REFUEL OPERATING COMPANY LLC
Owner Address:	PO BOX 20782
Owner City, st, zip:	CHARLESTON SC 29413-0782
Owner Phone:	843-388-4966
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	REFUEL 51
Address:	6151 HWY 707
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	15000
Product:	Multiple petroleum
Calcage:	0

FZ831 **TECHNO CLEANERS** **SHWS** **S106704467**
Target **5023 DICK POND RD UNIT 7** **DRYCLEANERS** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 3 in cluster FZ

Actual:
21 ft.
Focus Map:
34

SHWS:

Name:	TECHNO CLEANERS
Address:	5023 DICK POND RD UNIT 7
City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCDRY0057163

Drycleaners:

BLWM Number:	57163
Rank:	III
Priority Group Explanation:	III

FZ832 **TECHNO CLEANERS** **EDR Hist Cleaner** **1020103077**
Target **5023 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 3 in cluster FZ

Actual:
21 ft.
Focus Map:
34

EDR Hist Cleaner

Year:	Name:	Type:
2002	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2003	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2004	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2005	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2006	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2007	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2008	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2009	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2010	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2011	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2012	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2013	TECHNO CLEANERS	Drycleaning Plants, Except Rugs
2014	TECHNO CLEANERS	Drycleaning Plants, Except Rugs

---

833 **PALMETTO GLEN HOA** **ECHO** **1016028867**
Target **274 TIBTON CIR** **N/A**
Property **MYRTLE BEACH, SC 29578**

Actual:
15 ft.
Focus Map:
34

ECHO:

Envid:	1016028867
Registry ID:	110044960575
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044960575
Name:	PALMETTO GLEN HOA
Address:	274 TIBTON CIR
City,State,Zip:	MYRTLE BEACH, SC 29578

834 **SURFSIDE CLEANERS** **EDR Hist Cleaner** **1020100202**
Target **1605 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Cleaner

Actual:
25 ft.
Focus Map:
35

Year:	Name:	Type:
1969	SURFSIDE CLEANERS	Drycleaning Plants, Except Rugs
1970	SURFSIDE CLEANERS	Drycleaning Plants, Except Rugs

FZ835 **ROYAL CLEANERS & LAUNDRY** **EDR Hist Cleaner** **1020077747**
Target **5022 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 3 of 3 in cluster FZ

Actual:
22 ft.
Focus Map:
34

EDR Hist Cleaner

Year:	Name:	Type:
2003	ROYAL CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2004	ROYAL CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2005	ROYAL CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2006	ROYAL CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2007	ROYAL CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs
2008	ROYAL CLEANERS & LAUNDRY	Drycleaning Plants, Except Rugs

---

GA836 **SCARNG MYRTLE BEACH** **ECHO** **1016184896**
Target **501 19TH AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster GA

Actual:
22 ft.
Focus Map:
35

ECHO:

Envid:	1016184896
Registry ID:	110002193723
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193723
Name:	SCARNG MYRTLE BEACH
Address:	501 19TH AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577

GA837 **SCARNG MYRTLE BEACH** **RCRA-VSQG** **1005418337**
Target **501 19TH AVE SOUTH** **SC0000988485**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster GA

Actual:
22 ft.
Focus Map:
35

RCRA Listings:

Date Form Received by Agency:	2002-09-16 00:00:00.0
Handler Name:	SCARNG MYRTLE BEACH
Handler Address:	501 19TH AVE SOUTH
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SC0000988485

SCARNG MYRTLE BEACH (Continued) **1005418337**

Contact Name:	MICHAEL J WACHOWSKI
Contact Address:	1 NATIONAL GUARD RD
Contact City,State,Zip:	COLUMBIA, SC 29201-4766
Contact Telephone:	803-806-4490
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	State
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	NATIONAL GUARD RD
Mailing City,State,Zip:	COLUMBIA, SC 29201-4766
Owner Name:	SC ARMY NATIONAL GUARD
Owner Type:	State
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

SCARNG MYRTLE BEACH (Continued) **1005418337**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SC ARMY NATIONAL GUARD
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1 NATIONAL GUARD RD
Owner/Operator City,State,Zip:	COLUMBIA, SC 29201-4766
Owner/Operator Telephone:	803-806-4490
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-02-01 00:00:00.0
Handler Name:	SCARNG MYRTLE BEACH
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-09-16 00:00:00.0
Handler Name:	SCARNG MYRTLE BEACH
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

SCARNG MYRTLE BEACH (Continued) **1005418337**

State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

GB838 **SCOTCHMAN 3106** **LUST** **U003628737**
Target **1700 S KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Site 1 of 5 in cluster GB

Actual:
24 ft.

Focus Map:
35

LUST:

Name:	SCOTCHMAN 3106
Address:	1700 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05163
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CHASTAIN DG TEXAS GROUP
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/14/2015
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	03/18/1993
Prefix:	Not reported
Total Score:	557

LUST:

SCOTCHMAN 3106 (Continued) **U003628737**

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	10.58
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/18/1993
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 3106
Address:	1700 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	05163
Permit:	P 05163
Owner:	CHASTAIN DG TEXAS GROUP LLC
Owner Address:	10741 GREY HERON CT
Owner City, st, zip:	PORT SAINT LUCIE FL 34986-3010
Owner Phone:	772-696-1113

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Name:	SCOTCHMAN 3106
Address:	1700 S KINGS HWY
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	10

Name:	SCOTCHMAN 3106
Address:	1700 S KINGS HWY
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Name:	SCOTCHMAN 3106
Address:	1700 S KINGS HWY
City:	MYRTLE BEACH

SCOTCHMAN 3106 (Continued) **U003628737**

Tank ID:	4
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	SCOTCHMAN 3106
Address:	1700 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05163
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05163. RBCA Classification 2BB3. Monitored Natural Attenuation.

GB839 **LANES AUTO SERVICE** **EDR Hist Auto** **1020287807**
Target **1700 S KINGS HWY** **N/A**
Property **N MYRTLE BCH, SC 29582**

Site 2 of 5 in cluster GB

Actual: EDR Hist Auto
24 ft.

Focus Map:
35

Year:	Name:	Type:
1976	LANES AUTO SERVICE	Gasoline Service Stations
1977	LANES AUTO SERVICE	Gasoline Service Stations
1978	LANES AUTO SERVICE	Gasoline Service Stations
1979	LANES AUTO SERVICE	Gasoline Service Stations
1979	LANES AUTO SERVICE	Gasoline Service Stations
1980	LANES AUTO SERVICE	Gasoline Service Stations
1982	LANES AUTO SERVICE	Gasoline Service Stations
1983	LANES AUTO SERVICE	Gasoline Service Stations

GC840 **KARETAS H A COMPANY** **EDR Hist Auto** **1020800080**
Target **1611 SOUTH KINGS HIGHWAY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster GC

Actual: EDR Hist Auto
24 ft.

Focus Map:
35

Year:	Name:	Type:
1972	SOUTHSIDE TEXACO SV STATION	Gasoline Service Stations
1973	SOUTHSIDE TEXACO SV STATION	Gasoline Service Stations
1974	SOUTHSIDE TEXACO SV STATION	Gasoline Service Stations
1976	SOUTHSIDE TEXACO SV STATION	Gasoline Service Stations
1977	KARETAS H A COMPANY	Gasoline Service Stations
1978	KARETAS H A COMPANY	Gasoline Service Stations
1979	KARETAS H A COMPANY	Gasoline Service Stations
1980	KARETAS H A COMPANY	Gasoline Service Stations
1982	KARETAS H A COMPANY	Gasoline Service Stations
1983	KARETAS H A COMPANY	Gasoline Service Stations
1994	CIRCLE K CORPORATION	Convenience Stores
1995	CIRCLE K STORES INC	Convenience Stores
1996	CIRCLE K STORES INC	Convenience Stores
1997	TOSCO MARKETING COMPANY	Convenience Stores
1998	TOSCO MARKETING COMPANY INC	Convenience Stores
1999	TOSCO MARKETING COMPANY	Convenience Stores
2000	TOSCO MARKETING COMPANY	Convenience Stores
2001	TOSCO MARKETING COMPANY	Convenience Stores
2002	CIRCLE K STORES INC	Convenience Stores
2003	CIRCLE K STORES INC	Convenience Stores
2004	CIRCLE K STORES INC	Convenience Stores
2005	CIRCLE K STORES INC	Convenience Stores
2006	CIRCLE K STORES INC	Convenience Stores
2007	CIRCLE K STORES INC	Convenience Stores
2008	CIRCLE K STORES INC	Convenience Stores
2009	CIRCLE K STORES INC	Convenience Stores
2010	CIRCLE K STORES INC	Convenience Stores
2011	CIRCLE K STORES INC	Convenience Stores
2012	CIRCLE K STORES INC	Convenience Stores
2013	CIRCLE K STORES INC	Convenience Stores
2014	CIRCLE K STORES INC	Convenience Stores

GC841 **Target** **Property**	**CIRCLE K 8112** **1611 S KINGS HWY** **MYRTLE BEACH, SC**	**LUST** **UST** **GWCI**	**U003628781** **N/A**

Site 2 of 2 in cluster GC

Actual:
24 ft.

Focus Map:
35

LUST:

Name:	COASTAL PANTRY
Address:	1611 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05183
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	VARAHIMA PROPERTY LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/19/2014
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/31/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	01/31/1989
Prefix:	Not reported
Total Score:	449

LUST:

Release Date:	01/31/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	13
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	01/31/1989
RP Name:	SOUTHLAND CORP
RP Address:	PO BOX 711
RP City:	DALLAS
RP State:	TX
RP Zip:	75221-0711
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CIRCLE K 8112
Address:	1611 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	05183
Permit:	R 05183
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT

CIRCLE K 8112 (Continued) **U003628781**

Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574
Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	5
Name:	CIRCLE K 8112
Address:	1611 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	5
Name:	CIRCLE K 8112
Address:	1611 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05183
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False

CIRCLE K 8112 (Continued) **U003628781**

Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05183. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

GB842 **Target** **Property**

WALMART NEIGHBORHOOD MARKET 5367
1705 S KINGS HWY
MYRTLE BEACH, SC 29577

ECHO **1022995671** **N/A**

Site 3 of 5 in cluster GB

Actual: **22 ft.**
Focus Map: **35**

ECHO:

Envid:	1022995671
Registry ID:	110070122778
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070122778
Name:	WALMART NEIGHBORHOOD MARKET 5367
Address:	1705 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

GB843 **Target** **Property**

WALMART NEIGHBORHOOD MARKET 5367
1705 S KINGS HWY
MYRTLE BEACH, SC 29577

RCRA-VSQG **1023679956** **SCR000783779**

Site 4 of 5 in cluster GB

Actual: **22 ft.**
Focus Map: **35**

RCRA Listings:

Date Form Received by Agency:	2019-01-22 00:00:00.0
Handler Name:	WALMART NEIGHBORHOOD MARKET 5367
Handler Address:	1705 S KINGS HWY
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000783779
Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712
Owner Name:	WAL-MART STORES EAST LP

WALMART NEIGHBORHOOD MARKET 5367 (Continued) **1023679956**

Owner Type:	Private
Operator Name:	WAL-MART STORES EAST LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-21 12:20:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

WALMART NEIGHBORHOOD MARKET 5367 (Continued) **1023679956**

Sub-Part P Indicator: Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

WALMART NEIGHBORHOOD MARKET 5367 (Continued) **1023679956**

Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4’-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2’-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

WALMART NEIGHBORHOOD MARKET 5367 (Continued) **1023679956**

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART STORES EAST LP
Legal Status: Private
Date Became Current: 2017-02-13 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712
Owner/Operator Telephone: 479-258-6810
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAL-MART STORES EAST LP
Legal Status: Private
Date Became Current: 2017-02-13 00:00:00.
Date Ended Current: Not reported

WALMART NEIGHBORHOOD MARKET 5367 (Continued) **1023679956**

Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712
Owner/Operator Telephone:	479-258-6810
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2017-02-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712
Owner/Operator Telephone:	479-258-6810
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2017-02-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712
Owner/Operator Telephone:	479-258-6810
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2017-02-13 00:00:00.0
Handler Name:	WALMART NEIGHBORHOOD MARKET 5367
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WALMART NEIGHBORHOOD MARKET 5367
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

WALMART NEIGHBORHOOD MARKET 5367 (Continued) **1023679956**

List of NAICS Codes and Descriptions:

NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

GD844 **HESS CORPORATION** **EDR Hist Auto** **1021918661**
Target **6222 HIGHWAY 707** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 4 in cluster GD

Actual:
20 ft.

Focus Map:
34

EDR Hist Auto

Year:	Name:	Type:
2006	HESS CORPORATION	Gasoline Service Stations
2007	HESS CORPORATION	Gasoline Service Stations
2008	HESS CORPORATION	Gasoline Service Stations

GD845 **SPEEDWAY 4591** **UST** **U003878960**
Target **6222 HWY 707** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 4 in cluster GD

Actual:
20 ft.

Focus Map:
34

UST:

Name:	SPEEDWAY 4591
Address:	6222 HWY 707
City:	MYRTLE BEACH
Facility ID:	18899
Permit:	P 18899
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280
Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	SPEEDWAY 4591
Address:	6222 HWY 707
City:	MYRTLE BEACH

SPEEDWAY 4591 (Continued) **U003878960**

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 0

Name: SPEEDWAY 4591
Address: 6222 HWY 707
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 12000
Product: Diesel fuel
Calcage: 0

Name: SPEEDWAY 4591
Address: 6222 HWY 707
City: MYRTLE BEACH

Tank ID: 4
Status: **Currently in Use**
Capacity: 12000
Product: Gasoline RUL
Calcage: 0

GD846 Target Property

SPEEDWAY 4591
6222 HWY 707
MYRTLE BEACH, SC 29588

RCRA-VSQG **1019326529** **SCR000782839**

Site 3 of 4 in cluster GD

Actual: **20 ft.**
Focus Map: **34**

RCRA Listings:

Date Form Received by Agency:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4591
Handler Address:	6222 HWY 707
Handler City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCR000782839
Contact Name:	CHARLES BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501-1500
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMIN
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	Private

SPEEDWAY 4591 (Continued) **1019326529**

Operator Name:	SPEEDWAY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-09 08:46:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

SPEEDWAY 4591 (Continued) **1019326529**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 2014-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1500
Owner/Operator City,State,Zip: SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone: 937-864-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 2014-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1500
Owner/Operator City,State,Zip: SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone: 937-864-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2016-06-21 00:00:00.0
Handler Name: SPEEDWAY 4591
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

SPEEDWAY 4591 (Continued) **1019326529**

Evaluation Action Summary:

No Evaluations Found:

GD847 Target Property | **SPEEDWAY 4591** | **ECHO** | **1018396306**
6222 HWY 707 | **N/A**
MYRTLE BEACH, SC 29588

Site 4 of 4 in cluster GD

Actual: **20 ft.**
Focus Map: **34**

ECHO:

Envid:	1018396306
Registry ID:	110069512174
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069512174
Name:	SPEEDWAY 4591
Address:	6222 HWY 707
City,State,Zip:	MYRTLE BEACH, SC 29588

GB848 Target Property | **WALMART NEIGHBORHOOD MARKET 5367** | **UST** | **U004246000**
1701 S KINGS HWY | **N/A**
MYRTLE BEACH, SC

Site 5 of 5 in cluster GB

Actual: **22 ft.**
Focus Map: **35**

UST:

Name:	WALMART NEIGHBORHOOD MARKET 5367
Address:	1701 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	19802
Permit:	P 19802
Owner:	WALMART STORES INC
Owner Address:	702 SW 8TH ST DEPT 8916
Owner City, st, zip:	BENTONVILLE AR 72716-0500
Owner Phone:	479-273-8483
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	WALMART NEIGHBORHOOD MARKET 5367
Address:	1701 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	15000
Product:	Multiple petroleum
Calcage:	0

849 | **MUNITIONS DISPOSAL PIT NEAR WEAPONS STORAGE AREA (** | **UXO** | **1024718721**
Target | **AFRPA/COO-MYRTLE BEACH, 1051 SHINE AVE.** | | **N/A**
Property | **MYRTLE BEACH, SC**

Actual:
22 ft.
Focus Map:
35

UXO:

DoD Component:	Air Force
Installation Name:	MYRTLE BEACH
Name:	MUNITIONS DISPOSAL PIT NEAR WEAPONS STORAGE AREA (SWMU 259)
Address:	AFRPA/COO-MYRTLE BEACH, 1051 SHINE AVE.
Address 2:	Not reported
City,State,Zip:	MYRTLE BEACH, SC
Site ID:	XU401
Site Type:	Disposal Pit and Dry Well
Latitude:	33.674221
Longitude:	-78.937158

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850 | **MYRTLE CINEMA 10 PROPERTY** | **SHWS** | **U004018289**
Target | **1804 S KINGS HWY** | **LUST** | **N/A**
Property | **MYRTLE BEACH, SC** | **UST**
GWCI

Actual:
22 ft.
Focus Map:
35

SHWS:

Name:	CARMIKE CINEMA
Address:	1804 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-4649
EPA ID:	SCS123456805

LUST:

Name:	MYRTLE CINEMA 10 PROPERTY
Address:	1804 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	18410
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	MYRTLE BEACH CITY OF
Tank Owner Last Name:	MYRTLE BEACH CITY OF
Tank Owner First name:	Not reported
NFA Date:	11/30/2000
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	06/22/1999
Release Date:	04/23/1999
EID:	1797485
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	MYRTLE CINEMA 10 PROPERTY
Local Fac First Name:	Not reported
User Name:	AKHVLEKT
Cleanup Initiated Date:	06/22/1999
Prefix:	N
Total Score:	9

LUST:

Release Date:	04/23/1999
Cleanup Complete Date:	Not reported
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported

MYRTLE CINEMA 10 PROPERTY (Continued) **U004018289**

Release Number:	1
Confirmed date:	06/22/1999
RP Name:	MYRTLE BEACH CITY OF
RP Address:	3210 10TH AVE N
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29578
SCRBCA Class Code:	CLASS3BF
Project Manager:	AKHVLEDIANI, KONSTANTINE T
Release Fin Type Code:	W25

UST:

Name:	MYRTLE CINEMA 10 PROPERTY
Address:	1804 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	18410
Permit:	N 18410
Owner:	MYRTLE BEACH CITY OF
Owner Address:	PO BOX 2468
Owner City, st, zip:	MYRTLE BEACH SC 29578-2468
Owner Phone:	843-918-2000

Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

Name:	MYRTLE CINEMA 10 PROPERTY
Address:	1804 S KINGS HWY
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	25

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	18410
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False

MYRTLE CINEMA 10 PROPERTY (Continued) **U004018289**

Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 18410. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

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851 **C. OWENS & SON INC. COMPOSING SITE** **SWF/LF** **S108237930**
Target **N/A**
Property **HORRY (County), SC**

Actual:
19 ft.

Focus Map:
33

LF:

Name:	C. OWENS & SON INC. COMPOSING SITE
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	4949 Dick Pond Road
Mailing State:	SC
Mailing City:	Myrtle Beach
Mailing Zip:	29575
Facility ID:	262635-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting - Type 1
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Commercial
UTM-E:	684126.55000000005
UTM-N:	3727474.0899999999
Contact Name:	Charles Owens
Contact Phone:	(843) 650-7063

852 **Target Property** — **3RD STREET UXO AOC**
AFRPA/COO-MYRTLE BEACH, 1051 SHINE AVE.
MYRTLE BEACH, SC

UXO — **1024718707** — **N/A**

Actual: **19 ft.**
Focus Map: **35**

UXO:

DoD Component:	Air Force
Installation Name:	MYRTLE BEACH
Name:	3RD STREET UXO AOC
Address:	AFRPA/COO-MYRTLE BEACH, 1051 SHINE AVE.
Address 2:	Not reported
City,State,Zip:	MYRTLE BEACH, SC
Site ID:	XU400
Site Type:	Unexploded Munitions and Ordnance Area
Latitude:	33.673833
Longitude:	-78.942233

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853 **Target Property** — **NASH OIL CO INC**
400 17TH AVE S APT J
MYRTLE BEACH, SC 29577

EDR Hist Auto — **1021737864** — **N/A**

Actual: **15 ft.**
Focus Map: **35**

EDR Hist Auto

Year:	Name:	Type:
2004	NASH OIL CO INC	Gasoline Service Stations, NEC

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854 **Target Property** — **PALACE HOMEOWNERS ASSOCIATION**
1605 S OCEAN BLVD
MYRTLE BEACH, SC

LUST **UST** — **U003525880** — **N/A**

Actual: **19 ft.**
Focus Map: **35**

LUST:

Name:	PALACE HOMEOWNERS ASSOCIATION
Address:	1605 S OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	14979
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PALACE HOMEOWNERS ASS
Tank Owner Last Name:	PALACE HOMEOWNERS ASSOCIATION
Tank Owner First name:	Not reported
NFA Date:	03/05/1999
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	02/24/1999
Release Date:	01/21/1999
EID:	1783093
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	PALACE HOMEOWNERS ASSOCIATION
Local Fac First Name:	Not reported
User Name:	FANTRM

PALACE HOMEOWNERS ASSOCIATION (Continued) **U003525880**

Cleanup Initiated Date: 02/24/1999
Prefix: N
Total Score: Not reported

UST:
Name: PALACE HOMEOWNERS ASSOCIATION
Address: 1605 S OCEAN BLVD
City: MYRTLE BEACH
Facility ID: 14979
Permit: N 14979
Owner: PALACE HOMEOWNERS ASSOCIATION
Owner Address: 1605 S OCEAN BLVD
Owner City, st, zip: MYRTLE BEACH SC 29577
Owner Phone: 843-235-3700

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Diesel fuel
Calcage: 5

---

855 **WHITHERS PRESERVE** **SHWS** **S112165790**
Target **1600 FARROW PKWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

SHWS:
Name: WHITHERS PRESERVE
Actual: Address: 1600 FARROW PKWY
19 ft. City,State,Zip: MYRTLE BEACH, SC 29577-2011
Focus Map: EPA ID: SCS123457448
35

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856 **MARKET COMMONS RESIDENTIAL AMENITY** **SHWS** **S112336007**
Target **3466 PHILLIS BLVD** **N/A**
Property **MYRTLE BEACH, SC 29577**

SHWS:
Name: MARKET COMMONS RESIDENTIAL AMENITY
Actual: Address: 3466 PHILLIS BLVD
19 ft. City,State,Zip: MYRTLE BEACH, SC 29577-1561
Focus Map: EPA ID: SCS123457447
35

857 **SUMMERS CONCRETE CONTRACTING INC PLANT 450** **ECHO** **1025498066**
Target **RADAR RD MYRTLE BEACH AIRPORT** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual: **22 ft.**
Focus Map: **35**

ECHO:

Envid:	1025498066
Registry ID:	110070560715
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070560715
Name:	SUMMERS CONCRETE CONTRACTING INC PLANT 450
Address:	RADAR RD MYRTLE BEACH AIRPORT
City,State,Zip:	MYRTLE BEACH, SC 29577

GE858 **SUNOCO** **EDR Hist Auto** **1020710928**
Target **9150 HIGHWAY 701 S** **N/A**
Property **CONWAY, SC 29527**

Site 1 of 2 in cluster GE

Actual: **18 ft.**
Focus Map: **31**

EDR Hist Auto

Year:	Name:	Type:
2011	SUNOCO	Gasoline Service Stations, NEC

GE859 **PEE DEE GROCERY** **LUST** **U003730121**
Target **9150 HWY 701 S** **UST** **N/A**
Property **CONWAY, SC**

Site 2 of 2 in cluster GE

Actual: **18 ft.**
Focus Map: **31**

LUST:

Name:	PEE DEE GROCERY
Address:	9150 HWY 701 S
City,State,Zip:	CONWAY, SC 29527-7919
Release Number:	1
Facility ID:	10475
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	SANJAY & ULKA PATEL
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	10/15/2018
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	08/12/2016
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	10/20/2016
Prefix:	Not reported
Total Score:	0

PEE DEE GROCERY (Continued) **U003730121**

UST:

Name:	PEE DEE GROCERY
Address:	9150 HWY 701 S
City:	CONWAY
Facility ID:	10475
Permit:	P 10475
Owner:	SANJAY & ULKA PATEL
Owner Address:	2521 HUNTERS TRAIL
Owner City, st, zip:	MYRTLE BEACH SC 29588
Owner Phone:	843-236-4849
Tank ID:	1
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	0
Name:	PEE DEE GROCERY
Address:	9150 HWY 701 S
City:	CONWAY
Tank ID:	2
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	PEE DEE GROCERY
Address:	9150 HWY 701 S
City:	CONWAY
Tank ID:	3
Status:	**Currently in Use**
Capacity:	4000
Product:	Gasoline RUL
Calcage:	0
Name:	PEE DEE GROCERY
Address:	9150 HWY 701 S
City:	CONWAY
Tank ID:	4
Status:	**Currently in Use**
Capacity:	4000
Product:	Diesel fuel
Calcage:	0

GF860 **Target** **Property**	**PRESCOTT SUPPORT** **1154 AIRDROME AVE HANGAR 359** **MYRTLE BEACH, SC 29577**	**RCRA-VSQG**	**1014401299** **SCR000771907**

Site 1 of 2 in cluster GF

Actual:
25 ft.

Focus Map:
35

RCRA Listings:

Date Form Received by Agency:	2010-05-19 00:00:00.0
Handler Name:	PRESCOTT SUPPORT
Handler Address:	1154 AIRDROME AVE HANGAR 359

PRESCOTT SUPPORT (Continued) **1014401299**

Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000771907
Contact Name:	DUNCAN WOLFORD
Contact Address:	AIRDROME AVE HANGAR 359
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-828-4400
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	DIR OF SAFETY
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	AIRDROME AVE HANGAR 359
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	BRUCE A GIBSON
Owner Type:	Private
Operator Name:	PRESCOTT SUPPORT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

PRESCOTT SUPPORT (Continued) **1014401299**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Operating TSDF Universe: Not reported
Full Enforcement Universe: Not reported
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2015-04-14 00:00:00.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PRESCOTT SUPPORT
Legal Status: Private
Date Became Current: 2010-05-19 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1154 AIRDROME AVE
Owner/Operator City,State,Zip: MYTLE BEACH, SC 29577
Owner/Operator Telephone: 843-828-4400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BRUCE A GIBSON
Legal Status: Private

PRESCOTT SUPPORT (Continued) **1014401299**

Date Became Current:	2010-05-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1154 AIRDROME AVE
Owner/Operator City,State,Zip:	MYTLE BEACH, SC 29577
Owner/Operator Telephone:	843-828-4400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-05-19 00:00:00.0
Handler Name:	PRESCOTT SUPPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

PRESCOTT SUPPORT (Continued) **1014401299**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2010-06-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

GF861 **PRESCOTT SUPPORT** **ECHO** **1014835637**
Target **1154 AIRDROME AVE HANGAR 359** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster GF

Actual:
25 ft.

Focus Map:
35

ECHO:

Envid:	1014835637
Registry ID:	110041679948
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110041679948
Name:	PRESCOTT SUPPORT
Address:	1154 AIRDROME AVE HANGAR 359
City,State,Zip:	MYRTLE BEACH, SC 29577

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862 **CDL** **S117406113**
Target **1900 SOUTH OCEAN BLVD, RM 110** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
22 ft.

Focus Map:
35

CDL 2:

Name:	Not reported
Address:	1900 SOUTH OCEAN BLVD, RM 110
City,State,Zip:	MYRTLE BEACH, SC
Date Seized:	09/27/2014
Facility Detail:	Not reported
Lab Address:	1900 South Ocean Blvd, Rm 110; Myrtle Beach, SC
Lat/Longitude:	Not reported
Police Agency Name:	Myrtle Beach PD

(Continued) **S117406113**

Lab Number:	Lab-14-1807
Children Present:	Not reported
Lab Type:	One-Pot
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

GG863 Target Property
PANTRY INC
4625 DICK POND RD
MYRTLE BEACH, SC 29588
EDR Hist Auto **1020993747** **N/A**

Site 1 of 2 in cluster GG

Actual: 23 ft.
Focus Map: 34

EDR Hist Auto

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

GG864 Target Property
PANTRY 819
4625 DICK POND RD
MYRTLE BEACH, SC
LUST UST **U003629415** **N/A**

Site 2 of 2 in cluster GG

Actual: 23 ft.
Focus Map: 34

LUST:

Name:	PANTRY 819
Address:	4625 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29588
Release Number:	1
Facility ID:	11434
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	CIRCLE K STORES INC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	CHARLOTTE
Confirmed Date:	09/21/2015
Release Date:	09/11/2015
EID:	122827390
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y

PANTRY 819 (Continued) **U003629415**

Release Source:	UST
Local Fac Last Name:	PANTRY 819
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	09/21/2015
Prefix:	P
Total Score:	1

UST:

Name:	PANTRY 819
Address:	4625 DICK POND RD
City:	MYRTLE BEACH
Facility ID:	11434
Permit:	P 11434
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0

Name:	PANTRY 819
Address:	4625 DICK POND RD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	0

Name:	PANTRY 819
Address:	4625 DICK POND RD
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

865	**BLUEWATER RESORT & VILLAS**	**LUST**	**U001014375**
Target	**2001 S OCEAN BLVD**	**UST**	**N/A**
Property	**MYRTLE BEACH, SC**		

Actual:
18 ft.

Focus Map:
35

LUST:

Name:	BLUEWATER RESORT & VILLAS
Address:	2001 S OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	14864
Release Status Number:	Not reported
Substance:	PETRO

BLUEWATER RESORT & VILLAS (Continued) **U001014375**

Tank Owner Company Name:	BLUEWATER RESORT & VILLA06/24/99
Tank Owner Last Name:	BLUEWATER RESORT & VILLAS
Tank Owner First name:	Not reported
NFA Date:	07/26/1999
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	06/26/1999
Release Date:	Not reported
EID:	1782458
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	BLUEWATER RESORT & VILLAS
Local Fac First Name:	Not reported
User Name:	FANTRM
Cleanup Initiated Date:	06/26/1999
Prefix:	N
Total Score:	Not reported

UST:

Name:	BLUEWATER RESORT & VILLAS
Address:	2001 S OCEAN BLVD
City:	MYRTLE BEACH
Facility ID:	14864
Permit:	N 14864
Owner:	BLUEWATER RESORT & VILLAS
Owner Address:	2001 S OCEAN BLVD
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-626-8345

Tank ID:	1
Status:	**Abandoned**
Capacity:	270
Product:	Diesel fuel
Calcage:	10

GH866	**USAF AFRPA MYRTLE BEACH**	**CORRACTS**	**1000227091**
Target	**1048 AERODROME BLVD**	**RCRA-TSDF**	**SC7570024821**
Property	**MYRTLE BEACH, SC 29577**	**RCRA-VSQG**	
		SHWS	
	Site 1 of 3 in cluster GH	**GWCI**	

Actual:
25 ft.

Focus Map:
35

CORRACTS:

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA075HI
Actual Date:	1992-03-31 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA100
Actual Date:	1994-09-14 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA400
Actual Date:	2011-03-24 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA550RC
Actual Date:	2011-03-24 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA725YE
Actual Date:	2002-08-30 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA750NO
Actual Date:	2002-08-30 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	ENTIRE FACILITY

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Corrective Action:	CA800YE
Actual Date:	2011-03-24 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	SWMU 17 Storm Sewer System
Corrective Action:	CA400
Actual Date:	1997-04-08 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	EI PROJECT SCHEDULE
Corrective Action:	CA630XG
Actual Date:	2001-08-23 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	SWMUS192-196,198-210,212,214-240,242-252
Corrective Action:	CA050
Actual Date:	1995-06-22 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	USAF AFRPA MYRTLE BEACH
Address:	1048 AERODROME BLVD
Address 2:	Not reported
Area Name:	SWMU 46,47,79,80,141, AND 84/85
Corrective Action:	CA110
Actual Date:	1995-08-04 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Click this hyperlink while viewing on your computer to access
1407 additional CORRACTS: record(s) in the EDR Site Report.

RCRA Listings:

Date Form Received by Agency:	2009-02-26 00:00:00.0
Handler Name:	USAF AFRPA MYRTLE BEACH

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Handler Address:	1048 AERODROME BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SC7570024821
Contact Name:	CATHERINE JERRARD
Contact Address:	BROOKS RD
Contact City,State,Zip:	ROME, NY 13441
Contact Telephone:	315-356-0810 204
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Federal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PHILLIS BLVD
Mailing City,State,Zip:	ROME, NY 13441
Owner Name:	HORRY COUNTY DIR OF AIRPORTS
Owner Type:	Federal
Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Solid Waste Management Unit
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Solid Waste Management Unit
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	Yes
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Solid Waste Management Unit
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F017
Waste Description: Not Defined

Waste Code: P035
Waste Description: Not Defined

Waste Code: U029
Waste Description: METHANE, BROMO- (OR) METHYL BROMIDE

Waste Code: U056
Waste Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Waste Code: U151
Waste Description: MERCURY

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U188
Waste Description: PHENOL

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	US AIR FORCE
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	354 CSG/DEEV
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-238-7520
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-03-18 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-05-05 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-14 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-27 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-28 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-03 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-06-06 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-08 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-11-07 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-15 00:00:00.0
Handler Name:	USAF AFRPA MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-26 00:00:00.0
Handler Name:	USAF AFRPA MYRTLE BEACH
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-01-29 00:00:00.0
Handler Name:	USAF-MYRTLE BEACH AFB
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Receive Date:	1992-02-27 00:00:00.0
Handler Name:	USAF-MYRLTE BEACH AFB
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-01 00:00:00.0
Handler Name:	USAF-MYRTLE BEACH AFB
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	USAF-MYRTLE BEACH AFB
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-01 00:00:00.0
Handler Name:	USAF-MYTRLE BEACH AFBCA/DB(MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-03 00:00:00.0
Handler Name:	USAF-MYTRLE BEACH AFBCA/DB(MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	48811
NAICS Description:	AIRPORT OPERATIONS
NAICS Code:	92811
NAICS Description:	NATIONAL SECURITY

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-15 00:00:00.0
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Federal or State Statute
Date Violation was Determined: 2002-09-23 00:00:00.0
Actual Return to Compliance Date: 2003-03-24 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-23 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: SCLBD
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1993-01-26 00:00:00.0
Actual Return to Compliance Date:	1993-03-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1995-09-28 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2008-09-30 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(H) I.S. CA ORDER
Enforcement Responsible Person:	R4RAH
Enforcement Responsible Sub-Organization:	RC
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-09-27 00:00:00.0
Actual Return to Compliance Date:	1989-09-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-15 00:00:00.0
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1989-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1990-08-14 00:00:00.0
Actual Return to Compliance Date: 1991-08-22 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 1990-11-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Federal or State Statute
Date Violation was Determined:	2002-09-23 00:00:00.0
Actual Return to Compliance Date:	2003-03-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-03-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	SCLBD
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-01-26 00:00:00.0
Actual Return to Compliance Date:	1993-03-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-03-16 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-02-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1987-01-15 00:00:00.0
Actual Return to Compliance Date: 1987-04-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1989-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1988-09-15 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1988-09-15 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1985-10-13 00:00:00.0
Actual Return to Compliance Date:	1985-10-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1994-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-06-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-03-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-01-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4CBT
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1993-03-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-09-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4MAR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-12-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-01-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-08-14 00:00:00.0
Evaluation Responsible Agency:	State

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-08-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-03-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WC
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1993-03-15 00:00:00.0

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Scheduled Compliance Date:	1993-03-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-01-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-04-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Evaluation Date:	1985-10-13 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-10-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

RCRA Listings:

Date Form Received by Agency:	2009-02-26 00:00:00.0
Handler Name:	USAF AFRPA MYRTLE BEACH
Handler Address:	1048 AERODROME BLVD
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SC7570024821
Contact Name:	CATHERINE JERRARD
Contact Address:	BROOKS RD
Contact City,State,Zip:	ROME, NY 13441
Contact Telephone:	315-356-0810 204
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Federal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PHILLIS BLVD
Mailing City,State,Zip:	ROME, NY 13441
Owner Name:	HORRY COUNTY DIR OF AIRPORTS
Owner Type:	Federal
Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Solid Waste Management Unit
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Solid Waste Management Unit

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	Yes
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Solid Waste Management Unit
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F017
Waste Description: Not Defined

Waste Code: P035
Waste Description: Not Defined

Waste Code: U029
Waste Description: METHANE, BROMO- (OR) METHYL BROMIDE

Waste Code: U056
Waste Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Waste Code: U151
Waste Description: MERCURY

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U188
Waste Description: PHENOL

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U226
Waste Description: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: USAF AFRPA/DA MYRTLE BEACH
Legal Status: Federal
Date Became Current: 2003-01-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3447 PHILLIS BLVD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone: 843-238-6080
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HORRY COUNTY DIR OF AIRPORTS
Legal Status: Federal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1100 JETPORT RD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 999-999-9999
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: USAF AFRPA/DA MYRTLE BEACH
Legal Status: Federal
Date Became Current: 2002-12-30 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3447 PHILLIS BLVD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone: 843-238-6080
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HORRY COUNTY DIR OF AIRPORTS
Legal Status: Federal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1100 JETPORT RD
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 999-999-9999
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: USAF AFRPA/DA MYRTLE BEACH

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	US AIR FORCE
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	354 CSG/DEEV
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	803-238-7520
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HORRY COUNTY DIR OF AIRPORTS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1100 JETPORT RD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2002-12-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	USAF AFRPA/DA MYRTLE BEACH
Legal Status:	Federal
Date Became Current:	2003-01-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3447 PHILLIS BLVD
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577-1526
Owner/Operator Telephone:	843-238-6080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-03-18 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-05-05 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-14 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-28 00:00:00.0
Handler Name:	USAF MYRTLE BEACH AIR FORCE BASE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-03 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-06-06 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-08 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-11-07 00:00:00.0
Handler Name:	USAF AFRPA/DA MYRTLE BEACH
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-15 00:00:00.0
Handler Name:	USAF AFRPA MYRTLE BEACH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-26 00:00:00.0
Handler Name:	USAF AFRPA MYRTLE BEACH
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-01-29 00:00:00.0
Handler Name:	USAF-MYRTLE BEACH AFB
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-02-27 00:00:00.0
Handler Name: USAF-MYRLTE BEACH AFB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-01 00:00:00.0
Handler Name: USAF-MYRTLE BEACH AFB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-03-01 00:00:00.0
Handler Name: USAF-MYRTLE BEACH AFB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1998-03-01 00:00:00.0
Handler Name: USAF-MYTRLE BEACH AFBCA/DB(MYRTLE BEACH
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-01-03 00:00:00.0
Handler Name: USAF-MYTRLE BEACH AFBCA/DB(MYRTLE BEACH

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

NAICS Code: 48811
NAICS Description: AIRPORT OPERATIONS

NAICS Code: 92811
NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1989-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Federal or State Statute
Date Violation was Determined: 2002-09-23 00:00:00.0
Actual Return to Compliance Date: 2003-03-24 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2002-09-23 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: SCLBD
Enforcement Responsible Sub-Organization: EN
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1993-01-26 00:00:00.0
Actual Return to Compliance Date:	1993-03-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1995-09-28 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2008-09-30 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(H) I.S. CA ORDER
Enforcement Responsible Person:	R4RAH
Enforcement Responsible Sub-Organization:	RC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-09-27 00:00:00.0
Actual Return to Compliance Date:	1989-09-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-15 00:00:00.0
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-15 00:00:00.0
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-08-14 00:00:00.0
Actual Return to Compliance Date:	1991-08-22 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	1990-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Federal or State Statute
Date Violation was Determined:	2002-09-23 00:00:00.0
Actual Return to Compliance Date:	2003-03-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-03-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	SCLBD
Enforcement Responsible Sub-Organization:	EN
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1993-01-26 00:00:00.0
Actual Return to Compliance Date: 1993-03-15 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1993-03-16 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1993-02-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCSMK
Enforcement Responsible Sub-Organization:	WM
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-01-15 00:00:00.0
Actual Return to Compliance Date:	1987-04-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1989-09-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1988-09-15 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1988-09-15 00:00:00.0
Actual Return to Compliance Date: 1988-09-15 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1985-10-13 00:00:00.0
Actual Return to Compliance Date:	1985-10-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1994-01-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-15 00:00:00.0

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-03-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-01-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4CBT
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1993-03-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-09-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4MAR
Evaluation Responsible Sub-Organization:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Actual Return to Compliance Date:	1989-09-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-12-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1986-01-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Former Citation:	Not reported
Evaluation Date:	1990-08-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-08-22 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-03-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-03-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-08-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WC
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1993-03-15 00:00:00.0
Scheduled Compliance Date:	1993-03-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-01-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-04-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-09-20 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-09-15 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-09-15 00:00:00.0
Scheduled Compliance Date:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1985-10-13 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1985-10-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

SHWS:

Name:	USAF MYRTLE BEACH AFB
Address:	HWY 17
City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SC7570024821

SC GWIC:

Bureau:	BLWM
EAP ID:	SC7570024821
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	PETRO, VOC
Petroleum Products:	True
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	AGT, S/L, UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	True
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES
Monitoring:	NO
Remediation:	NO
Surface Impact:	YES
Drinking Water Well Impact:	Not reported

Remarks: SWMU 81. In MNA. Site has obtained OPS.

Bureau:	BLWM
EAP ID:	SC7570024821
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	VOC
Petroleum Products:	False
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	NO
Remediation:	YES
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported
Remarks:	SWMUs 79 & 80. In remediation phase. One gw extraction well currently operating.

Bureau:	BLWM
EAP ID:	SC7570024821
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	PETRO, VOC, METALS
Petroleum Products:	True
Volatile Organic Compounds:	True
Metals:	True
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UPD, S/L
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	True
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Monitoring:	YES
Remediation:	NO
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported

Remarks: In monitoring phase. SWMU 12-14, SWMU 255.

Bureau:	BLWM
EAP ID:	SC7570024821
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	VOC
Petroleum Products:	False
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	YES
Remediation:	NO
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported

Remarks: SWMU 256. Chlorinated VOCs have rebounded. Additional remediation planned (chemical oxidation and gw extraction).

Bureau:	BLWM
EAP ID:	SC7570024821
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	PETRO, VOC
Petroleum Products:	True
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	NO
Remediation:	NO
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported

Remarks: SWMUs 91-101. Investigation complete. CMI WP Addendum to be submitted soon.

Bureau:	BLWM
EAP ID:	SC7570024821
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	VOC
Petroleum Products:	False
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L, UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	NO

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Remediation: YES
Surface Impact: Not reported
Drinking Water Well Impact: Not reported
Remarks: SWMU 40. In remediation phase; groundwater extraction turned off. OPS determination issued by EPA and DHEC.

Bureau: BLWM
EAP ID: SC7570024821
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: Not reported
WPC Permit: Not reported
Program: RCRA, DOD
Contamination: VOC
Petroleum Products: False
Volatile Organic Compounds: True
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: S/L
Underground Storage Tanks: False
Pits, Ponds, & Lagoons: False
Spills & Leaks: True
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: NO
Monitoring: NO
Remediation: YES
Surface Impact: YES
Drinking Water Well Impact: Not reported
Remarks: SWMU 11. Chemical oxidation and gw extraction proceeding. LUCs under review.

Bureau: BLWM
EAP ID: SC7570024821
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: Not reported
WPC Permit: Not reported
Program: RCRA, DOD
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UPD, S/L
Underground Storage Tanks: False
Pits, Ponds, & Lagoons: False
Spills & Leaks: True
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: True
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: NO
Monitoring: YES
Remediation: NO
Surface Impact: Not reported
Drinking Water Well Impact: Not reported
Remarks: SWMUs 9 and 10. Investigation complete. ORC injection complete. Currently in final phase of monitoring.

Bureau: BLWM
EAP ID: SC7570024821
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: Not reported
WPC Permit: Not reported
Program: RCRA, DOD
Contamination: PETRO, VOC
Petroleum Products: True
Volatile Organic Compounds: True
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: AGT, S/L, UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: True
Landfills: False
Aboveground Storage Tank: True
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: NO
Monitoring: NO

USAF AFRPA MYRTLE BEACH (Continued) **1000227091**

Remediation:	YES
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported
Remarks:	SWMU 141. Offbase gw plume. GW pump and treat system currently installed and running.

Bureau:	BLWM
EAP ID:	SC7570024821
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	PETRO, VOC
Petroleum Products:	True
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UPD, S/L
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	True
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	YES
Remediation:	NO
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported
Remarks:	SWMUs 6 & 133.CMI WP Addendum to be submitted soon.

GH867 **USAF MYRTLE BEACH AFB** **SEMS-ARCHIVE** **1015736375**
Target **HWY 17** **ECHO** **SC7570024821**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 3 in cluster GH

Actual:
25 ft.
Focus Map:
35

SEMS Archive:

Site ID:	0403491
EPA ID:	SC7570024821
Name:	USAF MYRTLE BEACH AFB
Address:	HWY 17
Address 2:	Not reported
City,State,Zip:	MYRTLE BEACH, SC 29577
Cong District:	06
FIPS Code:	45051

USAF MYRTLE BEACH AFB (Continued) **1015736375**

FF: Y
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2011-08-29 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	07
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	6
Start Date:	1997-10-06 04:00:00
Finish Date:	1999-05-19 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	16
Action Code:	NH
Action Name:	FF RI
SEQ:	1
Start Date:	1999-03-08 05:00:00
Finish Date:	2000-11-14 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	15
Action Code:	NH

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Action Name:	FF RI
SEQ:	2
Start Date:	1998-12-18 05:00:00
Finish Date:	2000-05-11 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	07
Action Code:	LV
Action Name:	FF RV
SEQ:	12
Start Date:	1999-05-05 04:00:00
Finish Date:	1999-05-31 04:00:00
Qual:	P
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	06
Action Code:	LV
Action Name:	FF RV
SEQ:	13
Start Date:	1999-09-13 04:00:00
Finish Date:	1999-11-05 05:00:00
Qual:	S
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	08
Action Code:	LV
Action Name:	FF RV
SEQ:	14
Start Date:	1999-01-01 05:00:00
Finish Date:	1999-11-26 05:00:00
Qual:	C
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N

USAF MYRTLE BEACH AFB (Continued) **1015736375**

FF:	Y
OU:	02
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	1
Start Date:	1997-10-06 04:00:00
Finish Date:	1999-04-09 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	03
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	2
Start Date:	1997-10-06 04:00:00
Finish Date:	1999-04-02 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	04
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	3
Start Date:	1997-10-06 04:00:00
Finish Date:	1999-04-08 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	05
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	4
Start Date:	1997-10-06 04:00:00
Finish Date:	2000-03-01 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491

USAF MYRTLE BEACH AFB (Continued) **1015736375**

EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	06
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	5
Start Date:	1997-10-06 04:00:00
Finish Date:	2000-03-01 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	08
Action Code:	SC
Action Name:	RCRA DD
SEQ:	9
Start Date:	Not reported
Finish Date:	2001-10-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	17
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	8
Start Date:	1997-07-08 04:00:00
Finish Date:	1998-12-10 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	17
Action Code:	LV
Action Name:	FF RV
SEQ:	15
Start Date:	2000-05-05 04:00:00
Finish Date:	2000-11-07 05:00:00
Qual:	S
Current Action Lead:	Fed Fac

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	19
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	9
Start Date:	1997-02-21 05:00:00
Finish Date:	1999-06-04 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	13
Action Code:	SC
Action Name:	RCRA DD
SEQ:	2
Start Date:	Not reported
Finish Date:	1999-09-24 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	03
Action Code:	LY
Action Name:	FF RA
SEQ:	1
Start Date:	2002-12-16 05:00:00
Finish Date:	2003-06-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	12
Action Code:	LV
Action Name:	FF RV
SEQ:	11
Start Date:	1998-01-15 05:00:00
Finish Date:	1999-02-24 05:00:00

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Qual: C
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403491
EPA ID: SC7570024821
Site Name: USAF MYRTLE BEACH AFB
NPL: N
FF: Y
OU: 06
Action Code: SC
Action Name: RCRA DD
SEQ: 4
Start Date: Not reported
Finish Date: 2001-10-16 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403491
EPA ID: SC7570024821
Site Name: USAF MYRTLE BEACH AFB
NPL: N
FF: Y
OU: 03
Action Code: SC
Action Name: RCRA DD
SEQ: 6
Start Date: Not reported
Finish Date: 2001-10-16 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403491
EPA ID: SC7570024821
Site Name: USAF MYRTLE BEACH AFB
NPL: N
FF: Y
OU: 12
Action Code: SC
Action Name: RCRA DD
SEQ: 20
Start Date: Not reported
Finish Date: 2008-06-10 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403491
EPA ID: SC7570024821
Site Name: USAF MYRTLE BEACH AFB
NPL: N
FF: Y
OU: 15
Action Code: SC
Action Name: RCRA DD

USAF MYRTLE BEACH AFB (Continued) **1015736375**

SEQ:	21
Start Date:	Not reported
Finish Date:	2006-12-18 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	15
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	4
Start Date:	2006-08-01 04:00:00
Finish Date:	2006-12-29 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	05
Action Code:	SC
Action Name:	RCRA DD
SEQ:	3
Start Date:	Not reported
Finish Date:	2001-10-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	02
Action Code:	LY
Action Name:	FF RA
SEQ:	2
Start Date:	2002-12-16 05:00:00
Finish Date:	2003-06-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y

USAF MYRTLE BEACH AFB (Continued) **1015736375**

OU:	04
Action Code:	LY
Action Name:	FF RA
SEQ:	3
Start Date:	2002-12-16 05:00:00
Finish Date:	2003-06-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	05
Action Code:	LY
Action Name:	FF RA
SEQ:	4
Start Date:	2002-12-16 05:00:00
Finish Date:	2003-06-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	06
Action Code:	LY
Action Name:	FF RA
SEQ:	5
Start Date:	2002-12-16 05:00:00
Finish Date:	2003-06-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	02
Action Code:	SC
Action Name:	RCRA DD
SEQ:	5
Start Date:	Not reported
Finish Date:	2001-10-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	10
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	7
Start Date:	2000-10-02 04:00:00
Finish Date:	2001-09-27 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	10
Action Code:	SC
Action Name:	RCRA DD
SEQ:	8
Start Date:	Not reported
Finish Date:	2001-10-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	11
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	8
Start Date:	2000-03-27 05:00:00
Finish Date:	2001-06-21 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	12
Action Code:	NH
Action Name:	FF RI
SEQ:	3
Start Date:	1999-09-06 04:00:00
Finish Date:	1999-12-20 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	12
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	1
Start Date:	2000-01-24 05:00:00
Finish Date:	2002-01-22 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	10
Action Code:	LY
Action Name:	FF RA
SEQ:	6
Start Date:	2002-12-16 05:00:00
Finish Date:	2008-10-01 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	03
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	1
Start Date:	2000-01-28 05:00:00
Finish Date:	2000-08-28 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	02
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	2
Start Date:	2000-01-28 05:00:00
Finish Date:	2001-08-28 04:00:00

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	04
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	3
Start Date:	2000-01-28 05:00:00
Finish Date:	2000-08-28 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	05
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	4
Start Date:	2000-02-01 05:00:00
Finish Date:	2000-11-15 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	06
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	5
Start Date:	2000-02-01 05:00:00
Finish Date:	2000-11-15 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	08
Action Code:	MW
Action Name:	RCRA CMS

USAF MYRTLE BEACH AFB (Continued) **1015736375**

SEQ:	6
Start Date:	2000-05-09 04:00:00
Finish Date:	2001-02-01 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	04
Action Code:	SC
Action Name:	RCRA DD
SEQ:	7
Start Date:	Not reported
Finish Date:	2001-10-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	07
Action Code:	SC
Action Name:	RCRA DD
SEQ:	10
Start Date:	Not reported
Finish Date:	2001-10-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	18
Action Code:	SC
Action Name:	RCRA DD
SEQ:	11
Start Date:	Not reported
Finish Date:	2002-07-23 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y

USAF MYRTLE BEACH AFB (Continued) **1015736375**

OU:	11
Action Code:	SC
Action Name:	RCRA DD
SEQ:	12
Start Date:	Not reported
Finish Date:	2001-10-16 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	15
Action Code:	SC
Action Name:	RCRA DD
SEQ:	13
Start Date:	Not reported
Finish Date:	2002-04-15 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	12
Action Code:	SC
Action Name:	RCRA DD
SEQ:	14
Start Date:	Not reported
Finish Date:	2002-04-15 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	17
Action Code:	SC
Action Name:	RCRA DD
SEQ:	15
Start Date:	Not reported
Finish Date:	2002-04-15 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	12
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	9
Start Date:	2000-12-31 05:00:00
Finish Date:	2002-07-03 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	15
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	10
Start Date:	2001-09-10 04:00:00
Finish Date:	2002-07-24 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	18
Action Code:	NH
Action Name:	FF RI
SEQ:	4
Start Date:	2000-07-03 04:00:00
Finish Date:	2001-05-31 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	16
Action Code:	TS
Action Name:	TRTSTUDY
SEQ:	1
Start Date:	2000-01-19 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	15
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	2
Start Date:	2007-01-10 05:00:00
Finish Date:	2007-01-15 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	15
Action Code:	TS
Action Name:	TRTSTUDY
SEQ:	2
Start Date:	2001-04-30 04:00:00
Finish Date:	2001-05-11 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	09
Action Code:	LV
Action Name:	FF RV
SEQ:	3
Start Date:	1998-06-01 04:00:00
Finish Date:	2000-01-12 05:00:00
Qual:	C
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	10
Action Code:	LV
Action Name:	FF RV
SEQ:	4
Start Date:	1997-12-04 05:00:00
Finish Date:	1999-09-29 04:00:00

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Qual:	P
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	08
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	7
Start Date:	1997-10-06 04:00:00
Finish Date:	1999-02-26 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	17
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	11
Start Date:	2003-10-01 04:00:00
Finish Date:	2004-03-18 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	17
Action Code:	SC
Action Name:	RCRA DD
SEQ:	16
Start Date:	Not reported
Finish Date:	2004-03-18 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	16
Action Code:	MW
Action Name:	RCRA CMS

USAF MYRTLE BEACH AFB (Continued) **1015736375**

SEQ:	12
Start Date:	Not reported
Finish Date:	2004-07-08 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	01
Action Code:	LV
Action Name:	FF RV
SEQ:	16
Start Date:	1995-03-14 05:00:00
Finish Date:	1996-09-27 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	01
Action Code:	SC
Action Name:	RCRA DD
SEQ:	18
Start Date:	Not reported
Finish Date:	1995-06-06 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	11
Action Code:	SC
Action Name:	RCRA DD
SEQ:	19
Start Date:	Not reported
Finish Date:	2003-09-18 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y

USAF MYRTLE BEACH AFB (Continued) **1015736375**

OU:	11
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	3
Start Date:	2004-05-01 04:00:00
Finish Date:	2005-05-01 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	11
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	1
Start Date:	2005-05-15 04:00:00
Finish Date:	2005-10-01 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	11
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2006-10-01 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	11
Action Code:	LV
Action Name:	FF RV
SEQ:	5
Start Date:	1998-02-11 05:00:00
Finish Date:	1999-09-22 04:00:00
Qual:	S
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	13
Action Code:	LV
Action Name:	FF RV
SEQ:	6
Start Date:	1998-01-09 05:00:00
Finish Date:	1998-01-09 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	02
Action Code:	LV
Action Name:	FF RV
SEQ:	7
Start Date:	1998-07-08 04:00:00
Finish Date:	1999-10-19 04:00:00
Qual:	S
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	03
Action Code:	LV
Action Name:	FF RV
SEQ:	8
Start Date:	1998-07-08 04:00:00
Finish Date:	1999-10-19 04:00:00
Qual:	S
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	04
Action Code:	LV
Action Name:	FF RV
SEQ:	9
Start Date:	1998-07-08 04:00:00
Finish Date:	1999-10-19 04:00:00
Qual:	S
Current Action Lead:	Fed Fac

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	14
Action Code:	LV
Action Name:	FF RV
SEQ:	10
Start Date:	1996-04-11 04:00:00
Finish Date:	1997-08-20 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1988-02-12 05:00:00
Finish Date:	1988-02-12 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	01
Action Code:	LV
Action Name:	FF RV
SEQ:	1
Start Date:	1994-10-10 04:00:00
Finish Date:	1994-11-16 05:00:00
Qual:	C
Current Action Lead:	Fed Fac

Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1985-03-15 06:00:00
Finish Date:	1988-05-15 04:00:00

USAF MYRTLE BEACH AFB (Continued) **1015736375**

Qual:	N
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	1991-11-21 05:00:00
Finish Date:	1992-04-08 04:00:00
Qual:	D
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-02-15 05:00:00
Finish Date:	1988-02-15 05:00:00
Qual:	N
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	08
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	5
Start Date:	2006-10-17 04:00:00
Finish Date:	2007-03-06 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403491
EPA ID:	SC7570024821
Site Name:	USAF MYRTLE BEACH AFB
NPL:	N
FF:	Y
OU:	08
Action Code:	GQ
Action Name:	RCRA CMC

USAF MYRTLE BEACH AFB (Continued) **1015736375**

SEQ: 3
Start Date: 2007-03-06 05:00:00
Finish Date: 2007-03-06 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

ECHO:
Envid: 1015736375
Registry ID: 110000618877
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000618877
Name: US AIR FORCE MYRTLE BEACH AIR FORCE BASE
Address: 1048 AERODROME BOULEVARD
City,State,Zip: MYRTLE BEACH, SC 29577

GI868 **USAF MYRTLE BEACH AFB STP** **SHWS** **S103245672**
Target **N PATROL RD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster GI

Actual:
19 ft.
Focus Map:
35

SHWS:
Name: USAF MYRTLE BEACH AFB STP
Address: N PATROL RD
City,State,Zip: MYRTLE BEACH, SC 29577
EPA ID: SC0570028589

GI869 **USAF AEROSPACE GROUND EQUIPMENT** **SEMS-ARCHIVE** **1003013515**
Target **JCT AVE B & 2ND ST** **SHWS** **SC2570025260**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster GI

Actual:
19 ft.
Focus Map:
35

SEMS Archive:
Site ID: 0403486
EPA ID: SC2570025260
Name: USAF AEROSPACE GROUND EQUIPMENT
Address: JCT AVE B & 2ND ST
Address 2: Not reported
City,State,Zip: MYRTLE BEACH, SC 29577
Cong District: 06
FIPS Code: 45051
FF: Y
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 04
Site ID: 0403486
EPA ID: SC2570025260
Site Name: USAF AEROSPACE GROUND EQUIPMENT
NPL: N
FF: Y
OU: 00
Action Code: VS
Action Name: ARCH SITE

USAF AEROSPACE GROUND EQUIPMENT (Continued) **1003013515**

SEQ: 1
Start Date: Not reported
Finish Date: 1997-01-16 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 04
Site ID: 0403486
EPA ID: SC2570025260
Site Name: USAF AEROSPACE GROUND EQUIPMENT
NPL: N
FF: Y
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-09-27 04:00:00
Finish Date: 1991-09-27 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403486
EPA ID: SC2570025260
Site Name: USAF AEROSPACE GROUND EQUIPMENT
NPL: N
FF: Y
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1987-07-31 04:00:00
Qual: N
Current Action Lead: Fed Fac

SHWS:
Name: USAF AEROSPACE GROUND EQUIPMENT
Address: JCT AVE B & 2ND ST
City,State,Zip: MYRTLE BEACH, SC 29577
EPA ID: SC2570025260

870
Target Property **2010 S. OCEAN BLVD**
MYRTLE BEACH, SC **CDL** **S117406130**
N/A

Actual: 16 ft.
Focus Map: 35

CDL 2:
Name: Not reported
Address: 2010 S. OCEAN BLVD
City,State,Zip: MYRTLE BEACH, SC
Date Seized: 06/25/2014
Facility Detail: Not reported
Lab Address: 2010 S. Ocean Blvd; Myrtle Beach, SC
Lat/Longitude: Not reported
Police Agency Name: Myrtle Beach PD
Lab Number: Lab-14-1652

(Continued) **S117406130**

Children Present:	Not reported
Lab Type:	One-Pot
Contractor Name:	Phillips Recoveries
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

GH871 Target Property

MYRTLE BEACH POLICE DEPT INDOOR FIRING RANGE
3340 MUSTANG ST
MYRTLE BEACH, SC 29577

RCRA-VSQG 1004781292
ECHO SCR000762005

Site 3 of 3 in cluster GH

Actual: 25 ft.
Focus Map: 35

RCRA Listings:

Date Form Received by Agency:	2001-08-09 00:00:00.0
Handler Name:	MYRTLE BEACH DEPT INDOOR FIRING RANGE
Handler Address:	3340 MUSTANG ST
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000762005
Contact Name:	DOUGLAS FURLONG
Contact Address:	3340 MUSTANG ST
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-918-1802
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	OAK ST
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	CITY OF MYRTLE BEACH
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

MYRTLE BEACH POLICE DEPT INDOOR FIRING RANGE (Continued) **1004781292**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF MYRTLE BEACH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2468
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-918-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

MYRTLE BEACH POLICE DEPT INDOOR FIRING RANGE (Continued) **1004781292**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date:	2001-08-09 00:00:00.0
Handler Name:	MYRTLE BEACH DEPT INDOOR FIRING RANGE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

MYRTLE BEACH POLICE DEPT INDOOR FIRING RANGE (Continued) **1004781292**

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date:	2001-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1004781292
Registry ID:	110012192171
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012192171
Name:	MYRTLE BEACH POLICE DEPT INDOOR FIRING RANGE
Address:	3340 MUSTANG ST
City,State,Zip:	MYRTLE BEACH, SC 29577

GJ872 Target Property

FLIGHT INTERNATIONAL SERVICES
3301 MUSTANG ST
MYRTLE BEACH, SC 29577

ECHO **1001091452** **SCR000002907**

Site 1 of 3 in cluster GJ

Actual: 22 ft.
Focus Map: 35

ECHO:

Envid:	1001091452
Registry ID:	110004942652
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004942652
Name:	FLIGHT INTERNATIONAL SERVICES
Address:	3301 MUSTANG ST
City,State,Zip:	MYRTLE BEACH, SC 29577

GJ873 Target Property

AVCRAFT SUPPORT SERVICES INC
3301 MUSTANG SERVICES
MYRTLE BEACH, SC 29577

RCRA-SQG **1010331918** **SCR000768010**

Site 2 of 3 in cluster GJ

Actual: 22 ft.
Focus Map: 35

RCRA Listings:

Date Form Received by Agency:	2017-06-08 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Handler Address:	3301 MUSTANG SERVICES
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000768010
Contact Name:	MICHAEL HILL
Contact Address:	MUSTANG SERVICES
Contact City,State,Zip:	MYRTLE BEACH, SC 29577

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Contact Telephone:	843-232-1338 206
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	PRESIDENT
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	MUSTANG SERVICES
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	KNH AVATION DBA AVCRAFT HOLDINGS LLC
Owner Type:	Private
Operator Name:	AVCRAFT HOLDINGS LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-06-12 08:02:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: AVCRAFT HOLDINGS LLC
Legal Status: Private
Date Became Current: 2006-08-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3301 MUSTANG ST
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-232-1338
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AVCRAFT HOLDINGS LLC
Legal Status: Private
Date Became Current: 2006-08-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3301 MUSTANG ST
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-232-1338
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AVCRAFT HOLDINGS LLC
Legal Status: Private
Date Became Current: 2006-08-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3301 MUSTANG ST
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-232-1338
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AVCRAFT HOLDINGS LLC
Legal Status: Private
Date Became Current: 2006-08-14 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3301 MUSTANG ST
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29577
Owner/Operator Telephone: 843-232-1338
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KNH AVATION DBA AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KNH AVATION DBA AVCRAFT HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2006-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3301 MUSTANG ST
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-232-1338
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-08-14 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-06-07 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Receive Date:	2011-02-03 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-29 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-08-12 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-05-19 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-18 00:00:00.0
Handler Name:	AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2017-06-08 00:00:00.0
Handler Name: AVCRAFT SUPPORT SERVICES INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 488190
NAICS Description: OTHER SUPPORT ACTIVITIES FOR AIR TRANSPORTATION

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2006-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

AVCRAFT SUPPORT SERVICES INC (Continued) **1010331918**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

GJ874 **AVCRAFT SUPPORT SERVICES INC** **ECHO** **1010437593**
Target **3301 MUSTANG SERVICES** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 3 of 3 in cluster GJ

Actual:
22 ft.
Focus Map:
35

ECHO:

Envid:	1010437593
Registry ID:	110031339521
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110031339521
Name:	AVCRAFT SUPPORT SERVICES INC
Address:	3301 MUSTANG SERVICES
City,State,Zip:	MYRTLE BEACH, SC 29577

GK875 **EXPRESS MART** **EDR Hist Auto** **1020658393**
Target **2620 SOUTH KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 2 in cluster GK

Actual:
19 ft.
Focus Map:
35

EDR Hist Auto

Year:	Name:	Type:
1988	EXPRESS MART	Grocery Stores
1989	EXPRESS MART	Convenience Stores
1990	EXPRESS MART	Convenience Stores
1991	EXPRESS MART	Convenience Stores
1992	EXPRESS MART	Convenience Stores
1993	EXPRESS MART	Convenience Stores
1994	EXPRESS MART	Convenience Stores

GK876 Target Property	**EXPRESS MART 2620 S KINGS HWY MYRTLE BEACH, SC**	**LUST UST**	**U003628762 N/A**

Site 2 of 2 in cluster GK

Actual:
19 ft.
Focus Map:
35

LUST:

Name:	EXPRESS MART
Address:	2620 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577-4812
Release Number:	1
Facility ID:	05171
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	MITA D K LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/18/2017
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	08/01/2017
Prefix:	Not reported
Total Score:	0

UST:

Name:	EXPRESS MART
Address:	2620 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	05171
Permit:	R 05171
Owner:	MITA D K LLC
Owner Address:	2620 S KINGS HWY
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-945-2042

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	EXPRESS MART
Address:	2620 S KINGS HWY
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Plus

EXPRESS MART (Continued) **U003628762**

Calcage: 5

Name: EXPRESS MART
Address: 2620 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 5

877
Target
Property

MARKET COMMONS MEYERS AT FARROW
961 MEYERS AVE
MYRTLE BEACH, SC 29577

SHWS **S121291962**
N/A

Actual:
19 ft.
Focus Map:
35

SHWS:
Name: MARKET COMMONS MEYERS AT FARROW
Address: 961 MEYERS AVE
City,State,Zip: MYRTLE BEACH, SC 29577
EPA ID: SCS123457821

878
Target
Property

RED ROOF INN
2801 S KINGS HWY
MYRTLE BEACH, SC

UST **U003524578**
N/A

Actual:
19 ft.
Focus Map:
35

UST:
Name: RED ROOF INN
Address: 2801 S KINGS HWY
City: MYRTLE BEACH
Facility ID: 15594
Permit: N 15594
Owner: SOUTHHOTEL ASSO, MYRTLE BEACH
Owner Address: 2801 S KINGS HWY
Owner City, st, zip: MYRTLE BEACH SC 29577
Owner Phone: Not reported

Tank ID: 1
Status: **Abandoned**
Capacity: 150
Product: Diesel fuel
Calcage: 10

879 **CDL** **S117884620**
Target **2608 S OCEAN BLVD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
14 ft.
Focus Map:
35

CDL 2:

Name:	Not reported
Address:	2608 S OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29577
Date Seized:	05/29/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	150259
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	4080
Was NPLEX Used:	NO
Num Child:	0
Structure:	Hotel

---

880 **ASHE CLEANERS INC** **EDR Hist Cleaner** **1019932020**
Target **8825 SHADY BRANCH RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Actual:
24 ft.
Focus Map:
33

EDR Hist Cleaner

Year:	Name:	Type:
2005	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2006	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2007	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2008	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2009	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2010	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2011	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2012	ASHE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC

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881 **MYRTLE BEACH GRAND PRIX** **LUST** **U003523790**
Target **3201 HWY 17 S** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Actual:
12 ft.
Focus Map:
35

LUST:

Name:	MYRTLE BEACH GRAND PRIX
Address:	3201 HWY 17 S
City,State,Zip:	MYRTLE BEACH, SC 29577-4803
Release Number:	1
Facility ID:	14131
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	LAZARUS, JACK
Tank Owner Last Name:	LAZARUS
Tank Owner First name:	JACK
NFA Date:	09/28/2000
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	04/17/1998
Release Date:	04/08/1997
EID:	1777253

MYRTLE BEACH GRAND PRIX (Continued) **U003523790**

Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: UNK
Qualified: Not reported
Release Source: UST
Local Fac Last Name: MYRTLE BEACH GRAND PRIX
Local Fac First Name: Not reported
User Name: DUBOISPM
Cleanup Initiated Date: 05/02/1997
Prefix: N
Total Score: 16

LUST:
Release Date: 04/08/1997
Cleanup Complete Date: Not reported
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 05/02/1997
RP Name: LAZARUS
RP Address: 3201 HWY 17 S
RP City: MYRTLE BEACH
RP State: SC
RP Zip: 29577-4803
SCRBCA Class Code: CLASS3BD
Project Manager: DUBOIS, PAMELA M
Release Fin Type Code: W25

Name: MYRTLE BEACH GRAND PRIX
Address: 3201 HWY 17 S
City,State,Zip: MYRTLE BEACH, SC 29577-4803
Release Number: 2
Facility ID: 14131
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: LAZARUS, JACK
Tank Owner Last Name: LAZARUS
Tank Owner First name: JACK
NFA Date: 07/15/1998
Tank Owner City: MYRTLE BEACH
Confirmed Date: 04/17/1998
Release Date: 03/17/1998
EID: 1777253
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: UNK
Qualified: Not reported
Release Source: UST
Local Fac Last Name: MYRTLE BEACH GRAND PRIX
Local Fac First Name: Not reported
User Name: STEPPAK
Cleanup Initiated Date: 04/17/1998
Prefix: N
Total Score: Not reported

LUST:
Release Date: 04/08/1997

MYRTLE BEACH GRAND PRIX (Continued) **U003523790**

Cleanup Complete Date: Not reported
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 05/02/1997
RP Name: LAZARUS
RP Address: 3201 HWY 17 S
RP City: MYRTLE BEACH
RP State: SC
RP Zip: 29577-4803
SCRBCA Class Code: CLASS3BD
Project Manager: DUBOIS, PAMELA M
Release Fin Type Code: W25

UST:
Name: MYRTLE BEACH GRAND PRIX
Address: 3201 HWY 17 S
City: MYRTLE BEACH
Facility ID: 14131
Permit: N 14131
Owner: LAZARUS, JACK
Owner Address: 3201 HWY 17 S
Owner City, st, zip: MYRTLE BEACH SC 29577-4803
Owner Phone: 803-238-4783

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 10

Name: MYRTLE BEACH GRAND PRIX
Address: 3201 HWY 17 S
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 10

Name: MYRTLE BEACH GRAND PRIX
Address: 3201 HWY 17 S
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 10

Name: MYRTLE BEACH GRAND PRIX
Address: 3201 HWY 17 S
City: MYRTLE BEACH

Tank ID: 5

MYRTLE BEACH GRAND PRIX (Continued) **U003523790**

Status:	**Abandoned**
Capacity:	550
Product:	Gasoline
Calcage:	10

Name:	MYRTLE BEACH GRAND PRIX
Address:	3201 HWY 17 S
City:	MYRTLE BEACH

Tank ID:	6
Status:	**Abandoned**
Capacity:	1000
Product:	Gasoline
Calcage:	10

Name:	MYRTLE BEACH GRAND PRIX
Address:	3201 HWY 17 S
City:	MYRTLE BEACH

Tank ID:	7
Status:	**Abandoned**
Capacity:	250
Product:	Gasoline
Calcage:	10

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	14131
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes

MYRTLE BEACH GRAND PRIX (Continued) **U003523790**

Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14131. RBCA Classification 3BD1. Conducting investigation/Risk Assessment.

GL882 **COX JERRY COMPANY** **EDR Hist Auto** **1020684346**
Target **3211 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 3 in cluster GL

Actual:
19 ft.

Focus Map:
35

EDR Hist Auto

Year:	Name:	Type:
1994	COX JERRY COMPANY (INC)	Convenience Stores
1997	COX JERRY COMPANY (INC)	Convenience Stores
1999	COX JERRY COMPANY (INC)	Convenience Stores
2000	COX JERRY COMPANY (INC)	Convenience Stores
2001	COX JERRY COMPANY (INC)	Convenience Stores
2002	COX JERRY COMPANY	Convenience Stores
2003	COX JERRY COMPANY	Convenience Stores
2004	COX JERRY COMPANY	Convenience Stores
2005	COX JERRY COMPANY	Convenience Stores
2006	COX JERRY COMPANY	Convenience Stores
2007	COX JERRY COMPANY	Convenience Stores
2008	COX JERRY COMPANY	Convenience Stores
2009	COX JERRY COMPANY	Convenience Stores
2010	JERRY COX COMPANY	Convenience Stores
2011	JERRY COX COMPANY	Convenience Stores
2012	JERRY COX COMPANY	Convenience Stores
2013	JERRY COX COMPANY	Convenience Stores
2014	JERRY COX COMPANY	Convenience Stores

GL883 **JERRY COX CO** **GWCI** **U003714777**
Target **3211 S KINGS HWY HWY 17 S** **N/A**
Property **MYRTLE BEACH, SC 29**

Site 2 of 3 in cluster GL

Actual:
19 ft.

Focus Map:
35

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05119
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False

JERRY COX CO (Continued) **U003714777**

Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05119. RBCA Classification 3BF8. Awaiting Funding.

GL884 **SCOTCHMAN 53** **LUST** **U004273353**
Target **3211 S KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 3 of 3 in cluster GL

Actual:
19 ft.

Focus Map:
35

LUST:

Name:	SCOTCHMAN 53
Address:	3211 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	05119
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GPM SOUTHEAST LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/10/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	01/21/1993
Prefix:	Not reported
Total Score:	667

LUST:

SCOTCHMAN 53 (Continued) **U004273353**

Release Date:	12/10/1992
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7.919
Ground Water Flow Direction:	W
Release Number:	1
Confirmed date:	01/21/1993
RP Name:	JERRY COX CO
RP Address:	PO BOX 89
RP City:	CONWAY
RP State:	SC
RP Zip:	29528-0089
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 53
Address:	3211 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	05119
Permit:	R 05119
Owner:	GPM SOUTHEAST LLC
Owner Address:	8565 MAGELLAN PKWY STE 400
Owner City, st, zip:	RICHMOND VA 23227
Owner Phone:	804-730-1568

Tank ID:	1
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	15

Name:	SCOTCHMAN 53
Address:	3211 S KINGS HWY
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline RUL
Calcage:	15

Name:	SCOTCHMAN 53
Address:	3211 S KINGS HWY
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Currently in Use**
Capacity:	8000
Product:	Gasoline Super/Prem
Calcage:	10

Name:	SCOTCHMAN 53
Address:	3211 S KINGS HWY
City:	MYRTLE BEACH

SCOTCHMAN 53 (Continued) **U004273353**

Tank ID:	4
Status:	**Currently in Use**
Capacity:	8000
Product:	Diesel fuel
Calcage:	10
Name:	SCOTCHMAN 53
Address:	3211 S KINGS HWY
City:	MYRTLE BEACH
Tank ID:	5
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	15

GM885 **UNICON TRI COUNTY INC** **UST** **U004017359**
Target **2511 BIG BLOCK RD** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 3 in cluster GM

Actual:
22 ft.
Focus Map:
34

UST:

Name:	UNICON TRI COUNTY INC
Address:	2511 BIG BLOCK RD
City:	MYRTLE BEACH
Facility ID:	12530
Permit:	N 12530
Owner:	UNICON TRI COUNTY INC
Owner Address:	2511 BIG BLOCK RD
Owner City, st, zip:	MYRTLE BEACH SC 29575
Owner Phone:	803-399-2900
Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Diesel fuel
Calcage:	5

GM886 **SRM MYRTLE BEACH PLANT** **ECHO** **1007126447**
Target **2511 BIG BLOCK ROAD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 3 in cluster GM

Actual:
22 ft.
Focus Map:
34

ECHO:

Envid:	1007126447
Registry ID:	110002180167
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002180167
Name:	SRM MYRTLE BEACH PLANT
Address:	2511 BIG BLOCK ROAD
City,State,Zip:	MYRTLE BEACH, SC 29588
Envid:	1007126447
Registry ID:	110056424891
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110056424891

SRM MYRTLE BEACH PLANT (Continued) **1007126447**

Name:	OLDCASTLE ADAMS PRODUCTS
Address:	2511 BIG BLOCK RD
City,State,Zip:	MYRTLE BEACH, SC 29588

GM887 **Target Property**

ADAMS PRODUCTS - MYRTLE BEACH
2517 BIG BLOCK RD
MYRTLE BEACH, SC 29588

ECHO **1016125590** **N/A**

Site 3 of 3 in cluster GM

Actual: 22 ft.
Focus Map: 34

ECHO:

Envid:	1016125590
Registry ID:	110015783222
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015783222
Name:	ADAMS PRODUCTS - MYRTLE BEACH
Address:	2517 BIG BLOCK RD
City,State,Zip:	MYRTLE BEACH, SC 29588

---

888 **Target Property**

THOMAS AIRPORT EXXON
3350 S KINGS HIGHWAY
N MYRTLE BCH, SC 29582

EDR Hist Auto **1021461602** **N/A**

EDR Hist Auto

Actual: 19 ft.
Focus Map: 35

Year:	Name:	Type:
1979	THOMAS AIRPORT EXXON	Gasoline Service Stations
1980	THOMAS AIRPORT EXXON	Gasoline Service Stations
1982	THOMAS AIRPORT EXXON	Gasoline Service Stations
1983	THOMAS AIRPORT EXXON	Gasoline Service Stations

GN889 **Target Property**

CIRCLE K STORES INC
3301 S KINGS HWY
NORTH MYRTLE BEACH, SC 29582

EDR Hist Auto **1021051859** **N/A**

Site 1 of 2 in cluster GN

Actual: 19 ft.
Focus Map: 35

EDR Hist Auto

Year:	Name:	Type:
1991	CIRCLE K CONVENIENCE STORES	Grocery Stores
1992	CIRCLE K CONVENIENCE STORES	Grocery Stores
1993	CIRCLE K CORPORATION	Convenience Stores
1994	CIRCLE K CORPORATION	Convenience Stores
1995	CIRCLE K STORES INC	Convenience Stores
1996	CIRCLE K STORES INC	Convenience Stores
1997	TOSCO MARKETING COMPANY	Convenience Stores
1998	TOSCO MARKETING COMPANY INC	Convenience Stores
1999	TOSCO MARKETING COMPANY	Convenience Stores
2000	TOSCO MARKETING COMPANY	Convenience Stores
2001	TOSCO MARKETING COMPANY	Convenience Stores
2002	CIRCLE K STORES INC	Convenience Stores
2003	CIRCLE K STORES INC	Convenience Stores
2004	CIRCLE K STORES INC	Convenience Stores
2005	CIRCLE K STORES INC	Convenience Stores
2006	CIRCLE K STORES INC	Convenience Stores

CIRCLE K STORES INC (Continued) **1021051859**

2007	CIRCLE K STORES INC	Convenience Stores
2008	CIRCLE K STORES INC	Convenience Stores
2009	CIRCLE K STORES INC	Convenience Stores

GN890 **CIRCLE K 5049** **LUST** **U003629442**
Target **3301 S KINGS HWY** **UST** **N/A**
Property **N MYRTLE BEACH, SC**

Site 2 of 2 in cluster GN

Actual:
19 ft.

Focus Map:
35

LUST:

Name:	CIRCLE K 5049
Address:	3301 S KINGS HWY
City,State,Zip:	N MYRTLE BEACH, SC 29582
Release Number:	1
Facility ID:	11622
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	12/20/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	05/02/2019
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	06/05/2019
Prefix:	Not reported
Total Score:	0

UST:

Name:	CIRCLE K 5049
Address:	3301 S KINGS HWY
City:	N MYRTLE BEACH
Facility ID:	11622
Permit:	P 11622
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574
Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	CIRCLE K 5049
Address:	3301 S KINGS HWY

CIRCLE K 5049 (Continued) **U003629442**

City: N MYRTLE BEACH

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: CIRCLE K 5049
Address: 3301 S KINGS HWY
City: N MYRTLE BEACH

Tank ID: 3
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 0

---

891 **PATSEL INC** **EDR Hist Auto** **1020402039**
Target **3802 SOUTH KINGS HWY** **N/A**
Property **N MYRTLE BCH, SC 29582**

EDR Hist Auto

Actual:
19 ft.
Focus Map:
35

Year:	Name:	Type:
1988	PATSEL INC	Gasoline Service Stations
1989	PATSEL INC	Gasoline Service Stations
1990	PATSEL INC	Gasoline Service Stations

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892 **BOLTON BRITE WAY CLEANERS INC** **EDR Hist Cleaner** **1019941412**
Target **3901 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

EDR Hist Cleaner

Actual:
19 ft.
Focus Map:
41

Year:	Name:	Type:
1996	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
1997	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
1998	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
1999	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2000	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2001	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2002	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2003	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2004	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2005	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2006	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2007	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs
2008	BOLTON BRITE WAY CLEANERS INC	Drycleaning Plants, Except Rugs

GO893 **Target Property**	**TARGET STORE 2742** **140 SAYEBROOK PKWY** **MYRTLE BEACH, SC 29588**	**RCRA-LQG**	**1014961332** **SCR000775361**

Site 1 of 2 in cluster GO

Actual:
22 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2017-01-01 00:00:00.0
Handler Name:	TARGET STORE 2742
Handler Address:	140 SAYEBROOK PKWY
Handler City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCR000775361
Contact Name:	STEVE MUSSER
Contact Address:	PO BOX 111
Contact City,State,Zip:	MINNEAPOLIS, MN 55440-0111
Contact Telephone:	800-587-2228
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 111
Mailing City,State,Zip:	MINNEAPOLIS, MN 55440-0111
Owner Name:	TARGET CORP
Owner Type:	Private
Operator Name:	TARGET CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TARGET STORE 2742 (Continued) **1014961332**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-15 11:29:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2015

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005

TARGET STORE 2742 (Continued) **1014961332**

Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P012
Waste Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

TARGET STORE 2742 (Continued) **1014961332**

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: TARGET CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 111
Owner/Operator City,State,Zip: MINNEAPOLIS, MN 55440
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

TARGET STORE 2742 (Continued) **1014961332**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2012-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440-0111
Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2012-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440-0111

TARGET STORE 2742 (Continued) **1014961332**

Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2012-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440-0111
Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2012-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440-0111
Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2012-05-31 00:00:00.

TARGET STORE 2742 (Continued) **1014961332**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440-0111
Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TARGET CORP
Legal Status:	Private
Date Became Current:	2012-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 111
Owner/Operator City,State,Zip:	MINNEAPOLIS, MN 55440-0111
Owner/Operator Telephone:	800-587-2228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	TARGET STORE 2742
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-01 00:00:00.0
Handler Name:	TARGET STORE 2742
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	TARGET STORE 2742
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TARGET STORE 2742 (Continued) **1014961332**

Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2012-05-31 00:00:00.0
Handler Name:	TARGET STORE 2742
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-30 00:00:00.0
Handler Name:	TARGET STORE 2742
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-30 00:00:00.0
Handler Name:	TARGET STORE 2742
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	452112
NAICS Description:	DISCOUNT DEPARTMENT STORES
NAICS Code:	452319
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

TARGET STORE 2742 (Continued) **1014961332**

Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

TARGET STORE 2742 (Continued) **1014961332**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2012-06-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-01-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

GO894 **TARGET STORE 2742** **ECHO** **1016037074**
Target **140 SAYEBROOK PKWY** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 2 in cluster GO

Actual:
22 ft.

Focus Map:
40

ECHO:

Envid:	1016037074
Registry ID:	110045991272
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045991272
Name:	TARGET STORE 2742
Address:	140 SAYEBROOK PKWY
City,State,Zip:	MYRTLE BEACH, SC 29588

895 **FOOD LION 427** **ECHO** **1016683524**
Target **3890 SOUTH KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
19 ft.
Focus Map:
41

ECHO:

Envid:	1016683524
Registry ID:	110017077811
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017077811
Name:	FOOD LION 427
Address:	3890 SOUTH KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29577

GP896 **SCOTCHMAN 3222** **UST** **U003766186**
Target **100 N STRAND PKWY** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 2 in cluster GP

Actual:
25 ft.
Focus Map:
40

UST:

Name:	SCOTCHMAN 3222
Address:	100 N STRAND PKWY
City:	MYRTLE BEACH
Facility ID:	18682
Permit:	P 18682
Owner:	WORSLEY OPERATING CORP
Owner Address:	10 S CARDINAL DR
Owner City, st, zip:	WILMINGTON NC 28406-3227
Owner Phone:	910-395-5300
Tank ID:	1
Status:	**Currently in Use**
Capacity:	32000
Product:	Multiple petroleum
Calcage:	0

GP897 **SUNWAY CHARTERS** **UST** **U003525724**
Target **3050 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC**

Site 2 of 2 in cluster GP

Actual:
24 ft.
Focus Map:
40

UST:

Name:	SUNWAY CHARTERS
Address:	3050 DICK POND RD
City:	MYRTLE BEACH
Facility ID:	17693
Permit:	P 17693
Owner:	MEPJ LAND LIMITED PARTNERSHIP
Owner Address:	1710 HWY 544
Owner City, st, zip:	MYRTLE BEACH SC 29575
Owner Phone:	843-294-6198
Tank ID:	1
Status:	**Abandoned**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

898 Target Property	**BIG CONCRETE SUPPLY SC 544 & US 17 BYPASS SURFSIDE BEACH, SC**	**LUST UST**	**U003521365 N/A**

Actual: **25 ft.**

Focus Map: **40**

LUST:

Name:	BIG CONCRETE SUPPLY
Address:	SC 544 & US 17 BYPASS
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	17723
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	SC DEPARTMENT OF TRANSP01/20/97
Tank Owner Last Name:	SC DEPARTMENT OF TRANSPORTATION
Tank Owner First name:	Not reported
NFA Date:	11/09/1998
Tank Owner City:	COLUMBIA
Confirmed Date:	02/24/1997
Release Date:	Not reported
EID:	1795484
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	BIG CONCRETE SUPPLY
Local Fac First Name:	Not reported
User Name:	PADGETJP
Cleanup Initiated Date:	02/24/1997
Prefix:	N
Total Score:	28

LUST:

Release Date:	01/20/1997
Cleanup Complete Date:	11/09/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	02/24/1997
RP Name:	SC DEPARTMENT OF TRANSPORTATION
RP Address:	PO BOX 191
RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BF
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	W25

Release Date:	01/20/1997
Cleanup Complete Date:	11/09/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	02/24/1997
RP Name:	SCDOT
RP Address:	PO BOX 191
RP City:	COLUMBIA
RP State:	SC
RP Zip:	29202-0191
SCRBCA Class Code:	CLASS3BF

BIG CONCRETE SUPPLY (Continued) **U003521365**

Project Manager: PADGETT, JOEL P
Release Fin Type Code: W25

UST:
Name: BIG CONCRETE SUPPLY
Address: SC 544 & US 17 BYPASS
City: SURFSIDE BEACH
Facility ID: 17723
Permit: N 17723
Owner: SC DEPARTMENT OF TRANSPORTATION
Owner Address: PO BOX 191
Owner City, st, zip: COLUMBIA SC 29202-0191
Owner Phone: 803-786-0128

Tank ID: 1
Status: **Abandoned**
Capacity: 6000
Product: Diesel fuel
Calcage: 10

---

899 Target Property **BUCKSPORT MARINA** **135 BUCKSPORT RD** **CONWAY, SC** **LUST UST** **U004155491 N/A**

Actual: 2 ft.
Focus Map: 38

LUST:
Name: BUCKSPORT MARINA
Address: 135 BUCKSPORT RD
City,State,Zip: CONWAY, SC 29527
Release Number: 1
Facility ID: 19525
Release Status Number: Not reported
Substance: Not reported
Tank Owner Company Name: GRAND STRAND WATER & SE07/27/10
Tank Owner Last Name: GRAND STRAND WATER & SEWER AUTHORITY
Tank Owner First name: Not reported
NFA Date: 08/06/2010
Tank Owner City: CONWAY
Confirmed Date: 08/06/2010
Release Date: Not reported
EID: 68567444
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: UST
Local Fac Last Name: BUCKSPORT MARINA
Local Fac First Name: Not reported
User Name: PLACEDM
Cleanup Initiated Date: 08/06/2010
Prefix: P
Total Score: Not reported

UST:
Name: BUCKSPORT MARINA
Address: 135 BUCKSPORT RD
City: CONWAY

BUCKSPORT MARINA (Continued) **U004155491**

Facility ID: 19525
Permit: P 19525
Owner: GRAND STRAND WATER & SEWER AUTHORITY
Owner Address: PO BOX 2368
Owner City, st, zip: CONWAY SC 29528-2368
Owner Phone: 843-443-8259

Tank ID: 1
Status: **Currently in Use**
Capacity: 12000
Product: Gasoline RUL
Calcage: 0

Name: BUCKSPORT MARINA
Address: 135 BUCKSPORT RD
City: CONWAY

Tank ID: 2
Status: **Currently in Use**
Capacity: 12000
Product: Diesel fuel
Calcage: 0

---

900 **GSW&SA/BUCKSPORT WWTF** **ECHO** **1018295820**
Target **8052 TREATMENT RD** **N/A**
Property **CONWAY, SC 29526**

Actual:
13 ft.

Focus Map:
38

ECHO:
Envid: 1018295820
Registry ID: 110070570452
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070570452
Name: GSW&SA/BULL CREEK WTP
Address: 8052 TREATMENT RD
City,State,Zip: CONWAY, SC 29526

Envid: 1018295820
Registry ID: 110009793385
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009793385
Name: GSW&SA/BUCKSPORT WWTF
Address: 8052 TREATMENT RD
City,State,Zip: CONWAY, SC 29527

---

901 **MYRTLE BEACH STATE PARK** **UST** **U003520197**
Target **4401 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
19 ft.

Focus Map:
41

UST:
Name: MYRTLE BEACH STATE PARK
Address: 4401 S KINGS HWY
City: MYRTLE BEACH
Facility ID: 05061
Permit: N 05061
Owner: SC DEPT OF PARKS RECREATION & TOURISM
Owner Address: 1205 PENDLETON ST
Owner City, st, zip: COLUMBIA SC 29201
Owner Phone: 864-427-5966

MYRTLE BEACH STATE PARK (Continued) **U003520197**

Tank ID: 1
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 20

Name: MYRTLE BEACH STATE PARK
Address: 4401 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 550
Product: Gasoline
Calcage: 20

902
Target
Property

PRESTWICK LIMITED PARTNERSHIP
2500 PRESTWICK CLUB DR
MYRTLE BEACH, SC

UST **U003628302**
N/A

Actual:
29 ft.

Focus Map:
40

UST:
Name: PRESTWICK LIMITED PARTNERSHIP
Address: 2500 PRESTWICK CLUB DR
City: MYRTLE BEACH
Facility ID: 11045
Permit: P 11045
Owner: PRESTWICK LIMITED PARTNERSHIP
Owner Address: 1710 HWY 544
Owner City, st, zip: MYRTLE BEACH SC 29575
Owner Phone: 843-293-6001

Tank ID: 1
Status: **Abandoned**
Capacity: 1000
Product: Gasoline RUL
Calcage: 0

Name: PRESTWICK LIMITED PARTNERSHIP
Address: 2500 PRESTWICK CLUB DR
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 2000
Product: Diesel fuel
Calcage: 0

903 **Target** **Property**	**SPEEDWAY 4586** **2625 DICK POND RD** **MYRTLE BEACH, SC**	**LUST** **UST**	**U003629868** **N/A**

Actual:
22 ft.

Focus Map:
40

LUST:

Name:	SPEEDWAY 4586
Address:	2625 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29572
Release Number:	1
Facility ID:	17733
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	SPEEDWAY LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/05/2019
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	07/22/2019
Prefix:	Not reported
Total Score:	6

UST:

Name:	SPEEDWAY 4586
Address:	2625 DICK POND RD
City:	MYRTLE BEACH
Facility ID:	17733
Permit:	P 17733
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280

Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0

Name:	SPEEDWAY 4586
Address:	2625 DICK POND RD
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	0

SPEEDWAY 4586 (Continued) **U003629868**

Name:	SPEEDWAY 4586
Address:	2625 DICK POND RD
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

904
Target
Property

RITE AID #11632
2701 DICK POND ROAD
SURFSIDE BEACH, SC 29575

ECHO **1016037155**
N/A

Actual:
24 ft.
Focus Map:
40

ECHO:

Envid:	1016037155
Registry ID:	110046540061
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046540061
Name:	RITE AID #11632
Address:	2701 DICK POND ROAD
City,State,Zip:	SURFSIDE BEACH, SC 29575

905
Target
Property

6454 SWEET GUM TRAIL
MYRTLE BEACH, SC 29586

CDL **S113669572**
N/A

Actual:
18 ft.
Focus Map:
39

CDL 2:

Name:	Not reported
Address:	6454 SWEET GUM TRAIL
City,State,Zip:	MYRTLE BEACH, SC 29586
Date Seized:	03/16/2012
Facility Detail:	Not reported
Lab Address:	6454 Sweet Gum Trail Myrtle Beach, SC 29586
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

906
Target
Property

MYRTLE BEACH HARLEY DAVIDSON LLC
4710 S KINGS HWY
MYRTLE BEACH, SC 29577

RCRA-VSQG **1004781103**
ECHO **SCR000074435**

Actual:
19 ft.
Focus Map:
41

RCRA Listings:

Date Form Received by Agency:	1999-07-02 00:00:00.0
Handler Name:	MYRTLE BEACH HARLEY DAVIDSON LLC
Handler Address:	4710 S KINGS HWY
Handler City,State,Zip:	MYRTLE BEACH, SC 29577
EPA ID:	SCR000074435
Contact Name:	SKIP ROUSCH

MYRTLE BEACH HARLEY DAVIDSON LLC (Continued) **1004781103**

Contact Address:	4710 S KINGS HWY
Contact City,State,Zip:	MYRTLE BEACH, SC 29577
Contact Telephone:	843-651-5555
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WT
Mailing Address:	S KINGS HWY
Mailing City,State,Zip:	MYRTLE BEACH, SC 29577
Owner Name:	PHIL S SCHOONOVER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

MYRTLE BEACH HARLEY DAVIDSON LLC (Continued) **1004781103**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHIL S SCHOONOVER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4710 S KINGS HWY
Owner/Operator City,State,Zip:	MYRTLE BEACH, SC 29577
Owner/Operator Telephone:	843-651-5555
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-02 00:00:00.0
Handler Name:	MYRTLE BEACH HARLEY DAVIDSON LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

MYRTLE BEACH HARLEY DAVIDSON LLC (Continued) **1004781103**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004781103
Registry ID:	110002236303
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002236303
Name:	MYRTLE BEACH HARLEY DAVIDSON LLC
Address:	4710 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29575

GQ907 **SPEEDWAY 4586** **ECHO** **1018396304**
Target **2355 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29575**

Site 1 of 3 in cluster GQ

Actual:
22 ft.
Focus Map:
40

ECHO:

Envid:	1018396304
Registry ID:	110069512325
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069512325
Name:	SPEEDWAY 4586
Address:	2355 DICK POND RD
City,State,Zip:	MYRTLE BEACH, SC 29575

GQ908 **HESS CORPORATION** **EDR Hist Auto** **1020260383**
Target **2355 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29575**

Site 2 of 3 in cluster GQ

Actual:
22 ft.
Focus Map:
40

EDR Hist Auto

Year:	Name:	Type:
2006	HESS CORPORATION	Gasoline Service Stations
2007	HESS CORPORATION	Gasoline Service Stations
2008	HESS CORPORATION	Gasoline Service Stations

GQ909 **SPEEDWAY 4586** **RCRA-VSQG** **1019326563**
Target **2355 DICK POND RD** **SCR000783209**
Property **MYRTLE BEACH, SC 29575**

Site 3 of 3 in cluster GQ

Actual:
22 ft.
Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4586
Handler Address:	2355 DICK POND RD

SPEEDWAY 4586 (Continued) **1019326563**

Handler City,State,Zip:	MYRTLE BEACH, SC 29575
EPA ID:	SCR000783209
Contact Name:	CHARLES BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMIN
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	Private
Operator Name:	SPEEDWAY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

SPEEDWAY 4586 (Continued) **1019326563**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-23 12:10:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOC 1500
Owner/Operator City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone:	937-863-6272
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOC 1500
Owner/Operator City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone:	937-863-6272
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SPEEDWAY 4586 (Continued) **1019326563**

Historic Generators:

Receive Date:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4586
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	447110
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

GR910 **WALMART SUPERCENTER 574** **RCRA-SQG** **1001961996**
Target **2751 BEAVER RUN BLVD** **ECHO** **SCR000004077**
Property **SURFSIDE BEACH, SC 29575**

Site 1 of 2 in cluster GR

Actual:
25 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Handler Address:	2751 BEAVER RUN BLVD
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCR000004077
Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 47925-8681
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	CASSIE.CLARK@WALMART.COM
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041

WALMART SUPERCENTER 574 (Continued) **1001961996**

Owner Name:	WALMART STORES EAST LP
Owner Type:	Private
Operator Name:	WALMART STORES EAST LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-19 16:32:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

WALMART SUPERCENTER 574 (Continued) **1001961996**

Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027

WALMART SUPERCENTER 574 (Continued) **1001961996**

Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129

WALMART SUPERCENTER 574 (Continued) **1001961996**

Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner

WALMART SUPERCENTER 574 (Continued) **1001961996**

Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WALMART SUPERCENTER 574 (Continued) **1001961996**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	702 SW 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716-0555
Owner/Operator Telephone:	501-273-8025
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716

WALMART SUPERCENTER 574 (Continued) **1001961996**

Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.

WALMART SUPERCENTER 574 (Continued) **1001961996**

Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1300 SE 8TH ST
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72716
Owner/Operator Telephone:	479-204-2231
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

WALMART SUPERCENTER 574 (Continued) **1001961996**

Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WALMART SUPERCENTER 574 (Continued) **1001961996**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2002-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-12-21 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No

WALMART SUPERCENTER 574 (Continued) **1001961996**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-12-31 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-01-30 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-01 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-11-05 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WALMART SUPERCENTER 574 (Continued) **1001961996**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-31 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-29 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-23 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-27 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574

WALMART SUPERCENTER 574 (Continued) **1001961996**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-30 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2018-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 574
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

WALMART SUPERCENTER 574 (Continued) **1001961996**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No

WALMART SUPERCENTER 574 (Continued) **1001961996**

Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1999-11-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2014-12-03 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCKM
Evaluation Responsible Sub-Organization: Not reported

WALMART SUPERCENTER 574 (Continued) **1001961996**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1001961996
Registry ID:	110002193705
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193705
Name:	WALMART 574
Address:	2751 BEAVER RUN BLVD
City,State,Zip:	SURFSIDE BEACH, SC 29575

GR911 **Target** **Property**	**MURPHY USA 7228** **2751 BEAVER RUN BLVD** **SURFSIDE BEACH, SC**	**UST**	**U004245986** **N/A**

Site 2 of 2 in cluster GR

Actual:
25 ft.

Focus Map:
40

UST:

Name:	MURPHY USA 7228
Address:	2751 BEAVER RUN BLVD
City:	SURFSIDE BEACH
Facility ID:	19096
Permit:	P 19096
Owner:	MURPHY OIL USA INC
Owner Address:	200 E PEACH ST
Owner City, st, zip:	EL DORADO AR 71730
Owner Phone:	870-875-7600

Tank ID:	1
Status:	**Currently in Use**
Capacity:	25000
Product:	Gasoline RUL
Calcage:	0

Name:	MURPHY USA 7228
Address:	2751 BEAVER RUN BLVD
City:	SURFSIDE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	26000
Product:	Multiple petroleum
Calcage:	0

GS912	**PHOENIX 70**	**LUST**	**U003629845**
Target	**2301 DICK POND RD**	**UST**	**N/A**
Property	**SURFSIDE BEACH, SC**		

Site 1 of 2 in cluster GS

Actual:
22 ft.

Focus Map:
40

LUST:

Name:	PHOENIX 70
Address:	2301 DICK POND RD
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	17593
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	SPRINGER EUBANK COMPAN
Tank Owner Last Name:	SPRINGER EUBANK COMPANY INC
Tank Owner First name:	Not reported
NFA Date:	01/31/2014
Tank Owner City:	WILMINGTON
Confirmed Date:	04/03/2015
Release Date:	07/19/2013
EID:	118730904
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	PHOENIX 70
Local Fac First Name:	Not reported
User Name:	DUNNRA
Cleanup Initiated Date:	07/24/2013
Prefix:	P
Total Score:	0

Name:	PHOENIX 70
Address:	2301 DICK POND RD
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	2
Facility ID:	17593
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	SPRINGER EUBANK COMPAN
Tank Owner Last Name:	SPRINGER EUBANK COMPANY INC
Tank Owner First name:	Not reported
NFA Date:	02/29/2016
Tank Owner City:	WILMINGTON
Confirmed Date:	04/03/2015
Release Date:	03/05/2015
EID:	118730904
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	PHOENIX 70
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	04/03/2015
Prefix:	P

PHOENIX 70 (Continued) **U003629845**

Total Score: 0

UST:

Name: PHOENIX 70
Address: 2301 DICK POND RD
City: SURFSIDE BEACH
Facility ID: 17593
Permit: P 17593
Owner: SPRINGER EUBANK COMPANY INC
Owner Address: 123 SHIPYARD BLVD
Owner City, st, zip: WILMINGTON NC 28412-6225
Owner Phone: 910-343-1991

Tank ID: 1
Status: **Abandoned**
Capacity: 20000
Product: Gasoline RUL
Calcage: 0

Name: PHOENIX 70
Address: 2301 DICK POND RD
City: SURFSIDE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 15000
Product: Gasoline Plus
Calcage: 0

Name: PHOENIX 70
Address: 2301 DICK POND RD
City: SURFSIDE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 15000
Product: Gasoline Super/Prem
Calcage: 0

GS913 **PANTRY INC** **EDR Hist Auto** **1020715986**
Target **2301 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29575**

Site 2 of 2 in cluster GS

Actual: EDR Hist Auto
22 ft.

Focus Map:
40

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores

PANTRY INC (Continued) **1020715986**

2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

GT914 **LOWES OF S MYRTLE BEACH 1004** **RCRA-SQG** **1024893933**
Target **8672 HWY 17 BYPASS** **SCR000785220**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 2 in cluster GT

Actual:
22 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2019-01-30 00:00:00.0
Handler Name:	LOWES OF S MYRTLE BEACH 1004
Handler Address:	8672 HWY 17 BYPASS
Handler City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCR000785220
Contact Name:	BOBBI TENBORG
Contact Address:	LOWES BLVD
Contact City,State,Zip:	MOORESVILLE, NC 28117
Contact Telephone:	704-758-2955
Contact Fax:	Not reported
Contact Email:	BOBBI.I.TENBORG@LOWES.COM
Contact Title:	ENV COMPLIANCE SUPERVISOR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	PD
Mailing Address:	LOWES BLVD
Mailing City,State,Zip:	MOORESVILLE, NC 28117
Owner Name:	LOWES HOME CENTERS LLC
Owner Type:	Private
Operator Name:	LOWES HOME CENTERS LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-13 09:54:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOWES HOME CENTERS LLC
Legal Status:	Private
Date Became Current:	2018-07-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-07-25 00:00:00.0
Handler Name:	LOWES OF S MYRTLE BEACH 1004
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-01-30 00:00:00.0
Handler Name:	LOWES OF S MYRTLE BEACH 1004
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	444110
NAICS Description:	HOME CENTERS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2020-01-31 00:00:00.0
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2020-03-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2020-01-31 00:00:00.0
Actual Return to Compliance Date: 2020-03-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2020-02-04 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2020-01-31 00:00:00.0
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2020-03-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2020-01-31 00:00:00.0
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2020-03-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2020-01-31 00:00:00.0
Actual Return to Compliance Date: 2020-03-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2020-02-04 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2020-01-31 00:00:00.0
Actual Return to Compliance Date: 2020-03-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2020-03-03 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2020-01-31 00:00:00.0
Actual Return to Compliance Date: 2020-03-03 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2020-02-04 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2020-01-31 00:00:00.0
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2020-02-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Evaluation Action Summary:

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

LOWES OF S MYRTLE BEACH 1004 (Continued) **1024893933**

Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2020-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2020-03-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

GT915 **LOWES OF S MYRTLE BEACH 1004** **ECHO** **1024164960**
Target **8672 HWY 17 BYPASS** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 2 in cluster GT

Actual:
22 ft.
Focus Map:
40

ECHO:

Envid:	1024164960
Registry ID:	110070491129
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070491129
Name:	LOWES OF S MYRTLE BEACH 1004
Address:	8672 HWY 17 BYPASS
City,State,Zip:	MYRTLE BEACH, SC 29588

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916 **MELS DRY CLG PICK UP/DELIVERY** **EDR Hist Cleaner** **1020039133**
Target **1373 ROYAL DEVON DR** **N/A**
Property **MYRTLE BEACH, SC 29575**

EDR Hist Cleaner

Actual:
32 ft.
Focus Map:
40

Year:	Name:	Type:
2004	MELS DRY CLG PICK UP/DELIVERY	Drycleaning Plants, Except Rugs
2005	MELS DRY CLG PICK UP/DELIVERY	Drycleaning Plants, Except Rugs
2006	MELS DRY CLG PICK UP/DELIVERY	Drycleaning Plants, Except Rugs
2007	MELS DRY CLG PICK UP/DELIVERY	Drycleaning Plants, Except Rugs
2008	MELS DRY CLG PICK UP/DELIVERY	Drycleaning Plants, Except Rugs

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917 **HOT SPOT 2031** **UST** **U004254967**
Target **8496 HWY 707** **N/A**
Property **MYRTLE BEACH, SC**

UST:

Actual:
20 ft.
Focus Map:
39

Name:	HOT SPOT 2031
Address:	8496 HWY 707
City:	MYRTLE BEACH
Facility ID:	18191
Permit:	P 18191
Owner:	R L JORDAN OIL COMPANY OF NORTH CAROLINA INC
Owner Address:	1451 FERNWOOD GLENDALE RD
Owner City, st, zip:	SPARTANBURG SC 29307-3044
Owner Phone:	800-340-1627

Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

918 Target Property	**THE MARKETPLACE 1401 COVENTRY RD SURFSIDE BEACH, SC**	**LUST UST**	**U004000649 N/A**

Actual:
22 ft.

Focus Map:
40

LUST:

Name:	THE MARKETPLACE
Address:	1401 COVENTRY RD
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	19147
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	ENCORE SURFSIDE VENTURE07/26/18
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/02/2018
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	Not reported
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PLACEDM
Cleanup Initiated Date:	08/02/2018
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	THE MARKETPLACE
Address:	1401 COVENTRY RD
City:	SURFSIDE BEACH
Facility ID:	19147
Permit:	P 19147
Owner:	ENCORE SURFSIDE VENTURES LLC
Owner Address:	PO BOX 305
Owner City, st, zip:	BALL GROUND GA 30107
Owner Phone:	770-735-1020

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Multiple petroleum
Calcage:	0

Name:	THE MARKETPLACE
Address:	1401 COVENTRY RD
City:	SURFSIDE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

919 **GSW&SA/SCHWARTZ, MYRTLE BEACH** **ECHO** **1012248546**
Target **FREEWOODS RD 1700 FT S OF** **N/A**
Property **CONWAY, SC 29528**

Actual:
19 ft.
Focus Map:
39

ECHO:

Envid:	1012248546
Registry ID:	110039825543
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110039825543
Name:	GSW&SA SCHWARTZ MYRTLE BEACH & BUCKSPORT REG WWTPS
Address:	FREEWOODS RD 1700 FT S OF
City,State,Zip:	CONWAY, SC 29528

---

920 **HOLMES COMPOSTING SITE** **SWF/LF** **S108237932**
Target **N/A**
Property **HORRY (County), SC**

Actual:
15 ft.
Focus Map:
39

LF:

Name:	HOLMES COMPOSTING SITE
Address:	Not reported
City,State,Zip:	SC
Mailing Address:	6381 Buddy Lane
Mailing State:	SC
Mailing City:	Myrtle Beach
Mailing Zip:	29575
Facility ID:	262616-3001
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Online Data:	Composting
GW Mod Reqd:	Not reported
EQC Region:	Pee Dee
EQC Region Office:	Myrtle Beach
Total Capacity:	Not reported
Status:	Not Active
Class:	Not reported
UTM-E:	684194.5
UTM-N:	3724292
Contact Name:	Woodrow Holmes
Contact Phone:	(843) 650-2408

---

921 **CIRCLE K 2723059** **LUST** **U003628663**
Target **5600 S HWY 17** **UST** **N/A**
Property **MYRTLE BEACH, SC** **GWCI**

Actual:
15 ft.
Focus Map:
41

LUST:

Name:	CIRCLE K 2723059
Address:	5600 S HWY 17
City,State,Zip:	MYRTLE BEACH, SC 29575
Release Number:	1
Facility ID:	05124
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported

CIRCLE K 2723059 (Continued) **U003628663**

Release Date:	12/28/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	05/18/1990
Prefix:	Not reported
Total Score:	300100

LUST:

Release Date:	12/28/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	8
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	05/18/1990
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS2BA
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CIRCLE K 2723059
Address:	5600 S HWY 17
City:	MYRTLE BEACH
Facility ID:	05124
Permit:	R 05124
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	CIRCLE K 2723059
Address:	5600 S HWY 17
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5

CIRCLE K 2723059 (Continued) **U003628663**

Name:	CIRCLE K 2723059
Address:	5600 S HWY 17
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05124
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05124. RBCA Classification 2BA4. Active corrective action.

922 Target Property	**GRAND STRAND WATER AND SEWER AUTHORITY 6298 SCHWARTZ PLANT ROAD MYRTLE BEACH, SC 29575**	**ECHO**	**1016120798 N/A**

Actual: **20 ft.**

Focus Map: **39**

ECHO:

Envid:	1016120798
Registry ID:	110005974678
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005974678
Name:	GRAND STRAND WATER AND SEWER AUTHORITY
Address:	6298 SCHWARTZ PLANT ROAD
City,State,Zip:	MYRTLE BEACH, SC 29575

---

923 Target Property	**TEE OFF DELI OF MYRTLE BEACH 8980 HWY 707 MYRTLE BEACH, SC**	**LUST UST GWCI**	**U003993986 N/A**

Actual: **20 ft.**

Focus Map: **39**

LUST:

Name:	TEE OFF DELI OF MYRTLE BEACH
Address:	8980 HWY 707
City,State,Zip:	MYRTLE BEACH, SC 29888
Release Number:	1
Facility ID:	10554
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	COUILLIARD, NICOLE
Tank Owner Last Name:	COUILLIARD
Tank Owner First name:	NICOLE
NFA Date:	Not reported
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	02/03/2004
Release Date:	01/29/2004
EID:	6455214
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	RS
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	TEE OFF DELI OF MYRTLE BEACH
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	02/03/2004
Prefix:	R
Total Score:	5

LUST:

Release Date:	01/29/2004
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2.410
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	02/03/2004
RP Name:	COUILLIARD
RP Address:	8980 HWY 707
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29888
SCRBCA Class Code:	CLASS4BC
Project Manager:	SHRADER, ART A
Release Fin Type Code:	RS

TEE OFF DELI OF MYRTLE BEACH (Continued) **U003993986**

UST:

Name:	TEE OFF DELI OF MYRTLE BEACH
Address:	8980 HWY 707
City:	MYRTLE BEACH
Facility ID:	10554
Permit:	R 10554
Owner:	COUILLIARD, NICOLE
Owner Address:	8980 HWY 707
Owner City, st, zip:	MYRTLE BEACH SC 29888
Owner Phone:	843-650-7600

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	0

Name:	TEE OFF DELI OF MYRTLE BEACH
Address:	8980 HWY 707
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	0

Name:	TEE OFF DELI OF MYRTLE BEACH
Address:	8980 HWY 707
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	0

Name:	TEE OFF DELI OF MYRTLE BEACH
Address:	8980 HWY 707
City:	MYRTLE BEACH

Tank ID:	4
Status:	**Abandoned**
Capacity:	2000
Product:	Kerosene
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10554
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO

TEE OFF DELI OF MYRTLE BEACH (Continued) **U003993986**

Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 10554. RBCA Classification 5B1. Conducting investigation/Risk Assessment.

GU924 **MURPHY OIL USA INC** **EDR Hist Auto** **1021534580**
Target **8737 HIGHWAY 17 BYP S** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 1 of 2 in cluster GU

Actual:
23 ft.
Focus Map:
40

EDR Hist Auto

Year:	Name:	Type:
2012	MURPHY OIL CORPORATION	Gasoline Service Stations
2013	MURPHY OIL USA INC	Gasoline Service Stations
2014	MURPHY OIL USA INC	Gasoline Service Stations

GU925 **MURPHY EXPRESS 8632** **UST** **U004155537**
Target **8737 HWY 17 BYP** **N/A**
Property **SURFSIDE BEACH, SC**

Site 2 of 2 in cluster GU

Actual:
23 ft.
Focus Map:
40

UST:

Name:	MURPHY EXPRESS 8632
Address:	8737 HWY 17 BYP
City:	SURFSIDE BEACH
Facility ID:	19523
Permit:	P 19523
Owner:	MURPHY OIL USA INC

MURPHY EXPRESS 8632 (Continued) **U004155537**

Owner Address:	200 E PEACH ST
Owner City, st, zip:	EL DORADO AR 71730
Owner Phone:	870-875-7600
Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0
Name:	MURPHY EXPRESS 8632
Address:	8737 HWY 17 BYP
City:	SURFSIDE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	20000
Product:	Multiple petroleum
Calcage:	0

---

926 **A TO Z COASTAL CLEANERS** **EDR Hist Cleaner** **1019919089**
Target **9059 BAYWOOD CIR** **N/A**
Property **MYRTLE BEACH, SC 29575**

EDR Hist Cleaner

Actual:
20 ft.

Focus Map:
39

Year:	Name:	Type:
1997	A TO Z COASTAL CLEANERS	Drycleaning Plants, Except Rugs, NEC

---

927 **OCEAN LAKES LIMITED** **ECHO** **1007466747**
Target **1710 HIGHWAY 544** **N/A**
Property **MYRTLE BEACH, SC 29575**

Actual:
29 ft.

Focus Map:
40

ECHO:

Envid:	1007466747
Registry ID:	110017395834
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017395834
Name:	OCEAN LAKES LIMITED
Address:	1710 HIGHWAY 544
City,State,Zip:	MYRTLE BEACH, SC 29575

928 **Target** **Property**	**WAPPINGERS PLAZA CLEANERS INC** **1447 SOUTHWOOD DR** **MYRTLE BEACH, SC 29575**	**EDR Hist Cleaner**	**1018621872** **N/A**

Actual: **22 ft.**

Focus Map: **40**

EDR Hist Cleaner

Year:	Name:	Type:
2007	WAPPINGERS PLAZA CLEANERS INC	Garment Pressing And Cleaners’ Agents
2008	WAPPINGERS PLAZA CLEANERS INC	Garment Pressing And Cleaners’ Agents

---

929 **Target** **Property**	**PIRATELAND FAMILY CAMPGROUND** **5401 S KINGS HWY** **MYRTLE BEACH, SC**	**LUST** **UST**	**U003524330** **N/A**

Actual: **12 ft.**

Focus Map: **41**

LUST:

Name:	PIRATELAND FAMILY CAMPGROUND
Address:	5401 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29575
Release Number:	1
Facility ID:	17313
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PIRATELAND FAMILY CAMPG
Tank Owner Last Name:	PIRATELAND FAMILY CAMPGROUND
Tank Owner First name:	Not reported
NFA Date:	09/13/1996
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	08/05/1996
Release Date:	08/05/1996
EID:	1794399
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	PIRATELAND FAMILY CAMPGROUND
Local Fac First Name:	Not reported
User Name:	MINERRS
Cleanup Initiated Date:	08/05/1996
Prefix:	N
Total Score:	Not reported

UST:

Name:	PIRATELAND FAMILY CAMPGROUND
Address:	5401 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	17313
Permit:	N 17313
Owner:	PIRATELAND FAMILY CAMPGROUND
Owner Address:	5401 S KINGS HWY
Owner City, st, zip:	MYRTLE BEACH SC 29575
Owner Phone:	843-238-5155
Tank ID:	1

PIRATELAND FAMILY CAMPGROUND (Continued) **U003524330**

Status: **Abandoned**
Capacity: 2000
Product: Gasoline
Calcage: 20

Name: PIRATELAND FAMILY CAMPGROUND
Address: 5401 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 500
Product: Diesel fuel
Calcage: 20

930
Target
Property

LAKEWOOD CAMPING RESORT INCORPORATED
5901 SOUTH KINGS HIGHWAY
MYRTLE BEACH, SC 29575

ECHO **1007214661**
N/A

Actual:
20 ft.
Focus Map:
41

ECHO:
Envid: 1007214661
Registry ID: 110002235527
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002235527
Name: LAKEWOOD CAMPGROUND (2660049)
Address: 5901 SOUTH KINGS HIGHWAY
City,State,Zip: MYRTLE BEACH, SC 29575

GV931
Target
Property

CENAMA INC
1272 DICK POND RD
MYRTLE BEACH, SC 29575

EDR Hist Auto **1021405749**
N/A

Site 1 of 2 in cluster GV

Actual:
34 ft.
Focus Map:
40

EDR Hist Auto

Year:	Name:	Type:
2014	CENAMA INC	Grocery Stores

GV932
Target
Property

SCOTCHMAN 3223
1272 DICK POND RD
MYRTLE BEACH, SC

UST **U003796564**
N/A

Site 2 of 2 in cluster GV

Actual:
34 ft.
Focus Map:
40

UST:
Name: SCOTCHMAN 3223
Address: 1272 DICK POND RD
City: MYRTLE BEACH
Facility ID: 18741
Permit: P 18741
Owner: RI CS5 LLC
Owner Address: 11995 EL CAMINO REAL
Owner City, st, zip: SAN DIEGO CA 92130
Owner Phone: 760-741-2111

SCOTCHMAN 3223 (Continued) **U003796564**

Tank ID:	1
Status:	**Currently in Use**
Capacity:	32000
Product:	Multiple petroleum
Calcage:	0
Name:	SCOTCHMAN 3223
Address:	1272 DICK POND RD
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

---

933 **MYRTLE BEACH RESORT HPR INC** **LUST** **U003523793**
Target **5905 S KINGS HWY UNIT 400** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
13 ft.

Focus Map:
41

LUST:

Name:	MYRTLE BEACH RESORT HPR INC
Address:	5905 S KINGS HWY UNIT 400
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	18309
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	MYRTLE BEACH RESORT HOA12/11/98
Tank Owner Last Name:	MYRTLE BEACH RESORT
Tank Owner First name:	Not reported
NFA Date:	06/21/1999
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	12/22/1998
Release Date:	Not reported
EID:	1797180
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BD
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	MYRTLE BEACH RESORT HPR INC
Local Fac First Name:	Not reported
User Name:	MINERRS
Cleanup Initiated Date:	12/22/1998
Prefix:	N
Total Score:	1

LUST:

Release Date:	12/11/1998
Cleanup Complete Date:	06/21/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	12/22/1998
RP Name:	MYRTLE BEACH RESORT
RP Address:	5905 S KINGS HWY
RP City:	MYRTLE BEACH

MYRTLE BEACH RESORT HPR INC (Continued) **U003523793**

RP State: SC
RP Zip: 29577
SCRBCA Class Code: CLASS3BD
Project Manager: MINER, READ S
Release Fin Type Code: W25

UST:
Name: MYRTLE BEACH RESORT HPR INC
Address: 5905 S KINGS HWY UNIT 400
City: MYRTLE BEACH
Facility ID: 18309
Permit: N 18309
Owner: MYRTLE BEACH RESORT HOA
Owner Address: 5905 S KINGS HWY
Owner City, st, zip: MYRTLE BEACH SC 29577
Owner Phone: 843-828-8000

Tank ID: 1
Status: **Abandoned**
Capacity: 500
Product: Diesel fuel
Calcage: 15

---

934 **PANTRY 247** **LUST** **U003628800**
Target **1205 DICK POND RD** **UST** **N/A**
Property **SURFSIDE BEACH, SC**

Actual:
32 ft.
Focus Map:
40

LUST:
Name: PANTRY 247
Address: 1205 DICK POND RD
City,State,Zip: SURFSIDE BEACH, SC 29575
Release Number: 1
Facility ID: 05198
Release Status Number: Not reported
Substance: PETROL
Tank Owner Company Name: CIRCLE K STORES INC
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: 02/08/2016
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: 10/21/2014
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 10/28/2014
Prefix: Not reported
Total Score: 1

PANTRY 247 (Continued) **U003628800**

UST:

Name:	PANTRY 247
Address:	1205 DICK POND RD
City:	SURFSIDE BEACH
Facility ID:	05198
Permit:	R 05198
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	10
Name:	PANTRY 247
Address:	1205 DICK POND RD
City:	SURFSIDE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	10
Name:	PANTRY 247
Address:	1205 DICK POND RD
City:	SURFSIDE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	10

---

935 Target Property | **WALMART NEIGHBORHOOD MARKET #2887** **125 MARYPORT DR** **MYRTLE BEACH, SC 29575** | **RCRA-VSQG ECHO** | **1016678754 SCR000777953**

Actual: 25 ft.

Focus Map: 40

RCRA Listings:

Date Form Received by Agency:	2019-01-22 00:00:00.0
Handler Name:	WALMART NEIGHBORHOOD MARKET #2887
Handler Address:	125 MARYPORT DR
Handler City,State,Zip:	MYRTLE BEACH, SC 29575
EPA ID:	SCR000777953
Contact Name:	REBECCA HAYNIE
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-258-6810
Contact Fax:	Not reported
Contact Email:	REBECCA.HAYNIE@WALMART.COM
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	WAL-MART STORES EAST LP
Owner Type:	Private
Operator Name:	WAL-MART STORES EAST LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-21 10:05:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U200
Waste Description:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
Waste Code:	U205
Waste Description:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U249
Waste Description:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
Waste Code:	U279
Waste Description:	U279
Waste Code:	U409
Waste Description:	CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL
Waste Code:	U411
Waste Description:	U411

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2014-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2014-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2014-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2014-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2014-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAL-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2014-04-09 00:00:00.
Date Ended Current:	Not reported

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-0402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-04-09 00:00:00.0
Handler Name:	WALMART NEIGHBORHOOD MARKET #2887
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-06-10 00:00:00.0
Handler Name:	WALMART NEIGHBORHOOD MARKET #2887
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WALMART NEIGHBORHOOD MARKET #2887
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

Found Violation:	No

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-05-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1016678754
Registry ID:	110059672581
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110059672581

WALMART NEIGHBORHOOD MARKET #2887 (Continued) **1016678754**

Name:	WALMART NEIGHBORHOOD MARKET #2887
Address:	125 MARYPORT DR
City,State,Zip:	MYRTLE BEACH, SC 29575

GW936 **OCEAN LAKES SERVICE CORP** **LUST** **U004256086**
Target **6001 S KINGS HWY** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Site 1 of 4 in cluster GW

Actual:
22 ft.

Focus Map:
40

LUST:

Name:	OCEAN LAKES SERVICE CORP
Address:	6001 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29575
Release Number:	1
Facility ID:	05144
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CENAMA INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	06/10/1992
Prefix:	Not reported
Total Score:	613

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	06/10/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	OCEAN LAKES SERVICE CORP
Address:	6001 S KINGS HWY

OCEAN LAKES SERVICE CORP (Continued) **U004256086**

City: MYRTLE BEACH
Facility ID: 05144
Permit: N 05144
Owner: CENAMA INC
Owner Address: 123 SHIPYARD BLVD
Owner City, st, zip: WILMINGTON NC 28412
Owner Phone: 910-395-5300

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 15

Name: OCEAN LAKES SERVICE CORP
Address: 6001 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 15

Name: OCEAN LAKES SERVICE CORP
Address: 6001 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 8000
Product: Gasoline
Calcage: 15

Name: OCEAN LAKES SERVICE CORP
Address: 6001 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 15

Name: OCEAN LAKES SERVICE CORP
Address: 6001 S KINGS HWY
City: MYRTLE BEACH

Tank ID: 5
Status: **Abandoned**
Capacity: 3000
Product: Diesel fuel
Calcage: 15

Name: OCEAN LAKES SERVICE CORP
Address: 6001 S KINGS HWY
City: MYRTLE BEACH

OCEAN LAKES SERVICE CORP (Continued) **U004256086**

Tank ID:	6
Status:	**Abandoned**
Capacity:	3000
Product:	Diesel fuel
Calcage:	15

GW937 **OCEAN LAKES FAMILY CAMPGROUND** **ECHO** **1016028860**
Target **6001 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29575**

Site 2 of 4 in cluster GW

Actual:
22 ft.

Focus Map:
40

ECHO:

Envid:	1016028860
Registry ID:	110044960502
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044960502
Name:	OCEAN LAKES FAMILY CAMPGROUND
Address:	6001 S KINGS HWY
City,State,Zip:	MYRTLE BEACH, SC 29575

GW938 **OCEAN LAKES SERVICE CORP** **GWCI** **U003558295**
Target **6001 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29575**

Site 3 of 4 in cluster GW

Actual:
22 ft.

Focus Map:
40

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05144
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False

OCEAN LAKES SERVICE CORP (Continued) **U003558295**

Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05144. RBCA Classification 2BB8. Awaiting Funding.

GW939 **OCEAN LAKES FAMILY CAMPGROUND LP** **UST** **U004254298**
Target **6001 S KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC**

Site 4 of 4 in cluster GW

Actual:
22 ft.

Focus Map:
40

UST:

Name:	OCEAN LAKES FAMILY CAMPGROUND LP
Address:	6001 S KINGS HWY
City:	MYRTLE BEACH
Facility ID:	14898
Permit:	N 14898
Owner:	OCEAN LAKES SERVICE CORP
Owner Address:	6001 S KINGS HWY
Owner City, st, zip:	MYRTLE BEACH SC 29575
Owner Phone:	803-238-5636

Tank ID:	1
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	15

Name:	OCEAN LAKES FAMILY CAMPGROUND LP
Address:	6001 S KINGS HWY
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	500
Product:	Gasoline
Calcage:	15

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940 **PANTRY INC** **EDR Hist Auto** **1021510318**
Target **1203 DICK POND RD** **N/A**
Property **MYRTLE BEACH, SC 29575**

EDR Hist Auto

Actual:
26 ft.

Focus Map:
40

Year:	Name:	Type:
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores

GX941 Target Property **PANTRY INC**
4700 HOLMESTOWN RD
MYRTLE BEACH, SC 29588

EDR Hist Auto **1020337247** **N/A**

Site 1 of 2 in cluster GX

Actual: **20 ft.**
Focus Map: **39**

EDR Hist Auto

Year:	Name:	Type:
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	SMOKERS EXPRESS	Gasoline Service Stations
2011	PANTRY INC	Convenience Stores
2012	SMOKERS EXPRESS	Gasoline Service Stations
2012	PANTRY INC	Convenience Stores
2013	SMOKERS EXPRESS	Gasoline Service Stations
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores
2014	SMOKERS EXPRESS	Gasoline Service Stations

GX942 Target Property **CIRCLE K 2720910**
4700 HOLMESTOWN RD
MYRTLE BEACH, SC

UST **U003524158** **N/A**

Site 2 of 2 in cluster GX

Actual: **20 ft.**
Focus Map: **39**

UST:

Name:	CIRCLE K 2720910
Address:	4700 HOLMESTOWN RD
City:	MYRTLE BEACH
Facility ID:	17965
Permit:	P 17965
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	25000
Product:	Multiple petroleum
Calcage:	0

GY943 Target Property **CIRCLE K 2708109**
2016 N HWY 17
SURFSIDE BEACH, SC 29575

GWCI **U003628778** **N/A**

Site 1 of 2 in cluster GY

Actual: **25 ft.**
Focus Map: **40**

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported

CIRCLE K 2708109 (Continued) **U003628778**

Permit Number:	05182
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05182. RBCA Classification 2BB8. Awaiting Funding.

GY944 **CIRCLE K 2708109** **LUST** **U004273363**
Target **2016 N HWY 17** **UST** **N/A**
Property **SURFSIDE BEACH, SC**

Site 2 of 2 in cluster GY

Actual:
25 ft.
Focus Map:
40

LUST:

Name:	CIRCLE K 2708109
Address:	2016 N HWY 17
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	05182
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/21/2015
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	05/19/1988
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported

CIRCLE K 2708109 (Continued) **U004273363**

Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	05/30/1988
Prefix:	Not reported
Total Score:	236

LUST:

Release Date:	05/19/1988
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	05/30/1988
RP Name:	SOUTHLAND CORPORATION
RP Address:	1700 UNIVERSITY DR STE 302
RP City:	CORAL SPRINGS
RP State:	FL
RP Zip:	33061
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	CIRCLE K 2708109
Address:	2016 N HWY 17
City:	SURFSIDE BEACH
Facility ID:	05182
Permit:	R 05182
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	CIRCLE K 2708109
Address:	2016 N HWY 17
City:	SURFSIDE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	CIRCLE K 2708109
Address:	2016 N HWY 17
City:	SURFSIDE BEACH

CIRCLE K 2708109 (Continued) **U004273363**

Tank ID:	3
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

---

945 **Target Property**	**SCOTCHMAN 3224** **9600 SC HWY 707** **MYRTLE BEACH, SC**	**UST**	**U003759642** **N/A**

Actual: **19 ft.**

Focus Map: **39**

UST:

Name:	SCOTCHMAN 3224
Address:	9600 SC HWY 707
City:	MYRTLE BEACH
Facility ID:	18649
Permit:	P 18649
Owner:	WORSLEY OPERATING CORP
Owner Address:	10 S CARDINAL DR
Owner City, st, zip:	WILMINGTON NC 28406-3227
Owner Phone:	910-395-5300

Tank ID:	1
Status:	**Currently in Use**
Capacity:	32000
Product:	Multiple petroleum
Calcage:	0

Name:	SCOTCHMAN 3224
Address:	9600 SC HWY 707
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

---

946 **Target Property**	**1200 DEER CREEK RD** **MYRTLE BEACH, SC 29575**	**CDL**	**S123344033** **N/A**

Actual: **25 ft.**

Focus Map: **40**

CDL 2:

Name:	Not reported
Address:	1200 DEER CREEK RD
City,State,Zip:	MYRTLE BEACH, SC 29575
Date Seized:	11/19/2018
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	HORRY COUNTY POLICE DEPT. HEADQUARTERS
Lab Number:	180056
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	AEO
Invoice Amount:	2690
Was NPLEX Used:	NO

(Continued) **S123344033**

Num Child:	0
Structure:	Apartment

GZ947 **SPEEDWAY 4577** **RCRA-VSQG** **1019326534**
Target **3288 HOLMESTOWN RD** **SCR000782896**
Property **MYRTLE BEACH, SC 29588**

Site 1 of 3 in cluster GZ

Actual:
20 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4577
Handler Address:	3288 HOLMESTOWN RD
Handler City,State,Zip:	MYRTLE BEACH, SC 29588
EPA ID:	SCR000782896
Contact Name:	CHRLES BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501-1500
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMN
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	Private
Operator Name:	SPEEDWAY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

SPEEDWAY 4577 (Continued) **1019326534**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-05 11:05:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SPEEDWAY 4577 (Continued) **1019326534**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4577
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	447110
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

GZ948 **SPEEDWAY 4577** **ECHO** **1018382817**
Target **3288 HOLMESTOWN RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Site 2 of 3 in cluster GZ

Actual:
20 ft.

Focus Map:
40

ECHO:

Envid:	1018382817
Registry ID:	110069457518
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069457518
Name:	SPEEDWAY 4577
Address:	3288 HOLMESTOWN RD
City,State,Zip:	MYRTLE BEACH, SC 29588

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
GZ949 Target Property	**SPEEDWAY 4577 3288 HOLMESTOWN RD MYRTLE BEACH, SC**	**UST**	**U004144788 N/A**

Site 3 of 3 in cluster GZ

Actual: 20 ft.
Focus Map: 40

UST:

Name:	SPEEDWAY 4577
Address:	3288 HOLMESTOWN RD
City:	MYRTLE BEACH
Facility ID:	19490
Permit:	P 19490
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR
Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	SPEEDWAY 4577
Address:	3288 HOLMESTOWN RD
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	SPEEDWAY 4577
Address:	3288 HOLMESTOWN RD
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

HA950 Target Property	**DEERFIELD PLAZA CLEANERS 1784 HWY 17 N SURFSIDE BEACH, SC 29587**	**ECHO**	**1001493852 SCD987580339**

Site 1 of 2 in cluster HA

Actual: 19 ft.
Focus Map: 40

ECHO:

Envid:	1001493852
Registry ID:	110002466153
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002466153
Name:	DEERFIELD PLAZA CLEANERS
Address:	1784 HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575

HA951 **DEERFIELD PLAZA SHOPPING CENTER** **SHWS** **S105528039**
Target **1784 US HWY 17** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 2 of 2 in cluster HA

Actual:
19 ft.
Focus Map:
40

SHWS:

Name:	DEERFIELD PLAZA SHOPPING CENTER
Address:	1784 US HWY 17
City,State,Zip:	SURFSIDE BEACH, SC 29575-6064
EPA ID:	SCD987580339

---

952 **OCEAN LAKES CONSTRUCTION INC** **ECHO** **1016203491**
Target **11-M DICK POND ROAD** **N/A**
Property **MYRTLE BEACH, SC 29577**

Actual:
15 ft.
Focus Map:
40

ECHO:

Envid:	1016203491
Registry ID:	110004939880
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004939880
Name:	OCEAN LAKES CONSTRUCTION INC
Address:	11-M DICK POND ROAD
City,State,Zip:	MYRTLE BEACH, SC 29577

---

953 **PIT STOP CAR WASHES INC** **GWCI** **U003666070**
Target **600 HWY 17 S** **N/A**
Property **SURFSIDE BEACH, SC 29757**

Actual:
21 ft.
Focus Map:
40

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05117
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False

PIT STOP CAR WASHES INC (Continued) **U003666070**

Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05117. RBCA Classification 3BF5. Inactive.

954
Target
Property

LANCES MINI MART
10088 HWY 707
MYRTLE BEACH, SC

UST **U003629332**
N/A

Actual:
24 ft.

Focus Map:
39

UST:

Name:	LANCES MINI MART
Address:	10088 HWY 707
City:	MYRTLE BEACH
Facility ID:	10771
Permit:	P 10771
Owner:	LANCE, MICHAEL
Owner Address:	10088 HWY 707
Owner City, st, zip:	MYRTLE BEACH SC 29575
Owner Phone:	843-650-6200
Tank ID:	1
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0
Name:	LANCES MINI MART
Address:	10088 HWY 707
City:	MYRTLE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline Plus
Calcage:	0
Name:	LANCES MINI MART
Address:	10088 HWY 707
City:	MYRTLE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline Super/Prem
Calcage:	0

955 **SCOTCHMAN 3052** **LUST** **U003628701**
Target **1611 HWY 17N** **UST** **N/A**
Property **SURFSIDE BEACH, SC** **GWCI**

Actual:
20 ft.

Focus Map:
40

LUST:

Name:	SCOTCHMAN 3052
Address:	1611 HWY 17N
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	05147
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GPM SOUTHEAST LLC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/20/1992
Prefix:	Not reported
Total Score:	138

LUST:

Release Date:	01/25/1999
Cleanup Complete Date:	05/10/1999
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	01/25/1999
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS5B
Project Manager:	DEVORE, JAMES A
Release Fin Type Code:	UNK

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.879
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/20/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF

SCOTCHMAN 3052 (Continued) **U003628701**

Project Manager: MARTIN, JAMES M
Release Fin Type Code: WS

Name: SCOTCHMAN 3052
Address: 1611 HWY 17N
City,State,Zip: SURFSIDE BEACH, SC 29575
Release Number: 2
Facility ID: 05147
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: GPM SOUTHEAST LLC
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: 05/10/1999
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: 01/25/1999
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: DEVOREJA
Cleanup Initiated Date: 01/25/1999
Prefix: Not reported
Total Score: 1

LUST:

Release Date: 01/25/1999
Cleanup Complete Date: 05/10/1999
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 2
Confirmed date: 01/25/1999
RP Name: WORSLEY COMPANIES INC
RP Address: 1410 COMMONWEALTH DR #202
RP City: WILMINGTON
RP State: NC
RP Zip: 28403
SCRBCA Class Code: CLASS5B
Project Manager: DEVORE, JAMES A
Release Fin Type Code: UNK

Release Date: 12/23/1991
Cleanup Complete Date: Not reported
Depth to Ground Water: 4.879
Ground Water Flow Direction: SE
Release Number: 1
Confirmed date: 03/20/1992
RP Name: WORSLEY COMPANIES INC
RP Address: 1410 COMMONWEALTH DR #202
RP City: WILMINGTON
RP State: NC
RP Zip: 28403

SCOTCHMAN 3052 (Continued) **U003628701**

SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 3052
Address:	1611 HWY 17N
City:	SURFSIDE BEACH
Facility ID:	05147
Permit:	R 05147
Owner:	GPM SOUTHEAST LLC
Owner Address:	8565 MAGELLAN PKWY STE 400
Owner City, st, zip:	RICHMOND VA 23227
Owner Phone:	804-730-1568

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

Name:	SCOTCHMAN 3052
Address:	1611 HWY 17N
City:	SURFSIDE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

Name:	SCOTCHMAN 3052
Address:	1611 HWY 17N
City:	SURFSIDE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline Super/Prem
Calcage:	5

Name:	SCOTCHMAN 3052
Address:	1611 HWY 17N
City:	SURFSIDE BEACH

Tank ID:	4
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported

SCOTCHMAN 3052 (Continued) **U003628701**

Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05147
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 05147. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

HB956	**BENTON READY MIX INC**	**ECHO**	**1018313843**
Target	**2835 HOLMESTOWN RD**		**N/A**
Property	**MYRTLE BEACH, SC 29588**		

Site 1 of 2 in cluster HB

Actual:
24 ft.

Focus Map:
40

ECHO:

Envid:	1018313843
Registry ID:	110066937186
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110066937186
Name:	BENTON READY MIX INC
Address:	2835 HOLMESTOWN RD
City,State,Zip:	MYRTLE BEACH, SC 29588

HB957 Target Property | **CONCRETE DESIGNS** **2835 HOLMESTOWN RD** **SURFSIDE, SC 29588** | **ECHO** | **1012218620** **N/A**

Site 2 of 2 in cluster HB

Actual: **24 ft.**
Focus Map: **40**

ECHO:

Envid:	1012218620
Registry ID:	110040833934
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110040833934
Name:	CONCRETE DESIGNS
Address:	2835 HOLMESTOWN RD
City,State,Zip:	SURFSIDE, SC 29588

HC958 Target Property | **PANTRY INC** **2590 GLENNS BAY RD** **SURFSIDE BEACH, SC 29575** | **EDR Hist Auto** | **1020716409** **N/A**

Site 1 of 3 in cluster HC

Actual: **22 ft.**
Focus Map: **40**

EDR Hist Auto

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores

HC959 Target Property | **PANTRY 3232** **2590 GLENNS BAY RD** **SURFSIDE BEACH, SC** | **LUST** **UST** | **U004017182** **N/A**

Site 2 of 3 in cluster HC

Actual: **22 ft.**
Focus Map: **40**

LUST:

Name:	PANTRY 3232
Address:	2590 GLENNS BAY RD
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	11600
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	CIRCLE K STORES INC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	CHARLOTTE
Confirmed Date:	10/23/2013
Release Date:	10/21/2013
EID:	96342560
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y

PANTRY 3232 (Continued) **U004017182**

Release Source: UST
Local Fac Last Name: PANTRY 3232
Local Fac First Name: Not reported
User Name: WYKELJM
Cleanup Initiated Date: 10/23/2013
Prefix: P
Total Score: 113

UST:

Name: PANTRY 3232
Address: 2590 GLENNS BAY RD
City: SURFSIDE BEACH
Facility ID: 11600
Permit: P 11600
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: PANTRY 3232
Address: 2590 GLENNS BAY RD
City: SURFSIDE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Plus
Calcage: 0

Name: PANTRY 3232
Address: 2590 GLENNS BAY RD
City: SURFSIDE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 8000
Product: Gasoline Super/Prem
Calcage: 0

Name: PANTRY 3232
Address: 2590 GLENNS BAY RD
City: SURFSIDE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 3000
Product: Diesel fuel
Calcage: 0

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

HC960 **LEE BOK TEAK** **EDR Hist Cleaner** **1018642874**
Target **2286 GLENNS BAY RD** **N/A**
Property **MYRTLE BEACH, SC 29575**

Site 3 of 3 in cluster HC

Actual: EDR Hist Cleaner
22 ft.

Focus Map:
40

Year:	Name:	Type:
2001	SWAN CLEANERS	Garment Pressing And Cleaners' Agents
2002	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2003	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2004	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2005	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2006	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2007	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2008	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2009	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2010	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2011	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2012	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2013	LEE BOK TEAK	Garment Pressing And Cleaners' Agents
2014	LEE BOK TEAK	Garment Pressing And Cleaners' Agents

HD961 **PANTRY INC** **EDR Hist Auto** **1020967052**
Target **2591 GLENNS BAY RD** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 1 of 2 in cluster HD

Actual: EDR Hist Auto
22 ft.

Focus Map:
40

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

HD962 **CIRCLE K 2720792** **UST** **U003629339**
Target **2591 GLENNS BAY RD** **N/A**
Property **SURFSIDE BEACH, SC**

Site 2 of 2 in cluster HD

Actual: UST:
22 ft.

Focus Map:
40

Name:	CIRCLE K 2720792
Address:	2591 GLENNS BAY RD
City:	SURFSIDE BEACH
Facility ID:	10835
Permit:	P 10835
Owner:	CIRCLE K STORES INC

CIRCLE K 2720792 (Continued) **U003629339**

Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574
Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	CIRCLE K 2720792
Address:	2591 GLENNS BAY RD
City:	SURFSIDE BEACH
Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	0
Name:	CIRCLE K 2720792
Address:	2591 GLENNS BAY RD
City:	SURFSIDE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

HE963
Target
Property

EXPRESS LUBE OF SURFSIDE INC
920 HIGHWAY 17 N
SURFSIDE BEACH, SC 29575

EDR Hist Auto **1021830554**
N/A

Site 1 of 2 in cluster HE

Actual:
22 ft.

Focus Map:
40

EDR Hist Auto

Year:	Name:	Type:
2005	EXPRESS LUBE OF SURFSIDE INC	Gasoline Service Stations, NEC
2006	EXPRESS LUBE OF SURFSIDE INC	Gasoline Service Stations, NEC
2007	EXPRESS LUBE OF SURFSIDE INC	Gasoline Service Stations, NEC
2008	EXPRESS LUBE OF SURFSIDE INC	Gasoline Service Stations, NEC

964
Target
Property

ROCKYS DRY CLG & LDRY SVCS
700 PLANTATION DR A
SURFSIDE BEACH, SC 29575

EDR Hist Cleaner **1020076336**
N/A

EDR Hist Cleaner

Actual:
22 ft.

Focus Map:
40

Year:	Name:	Type:
1991	ROCKYS DRY CLG & LDRY SVCS	Drycleaning Plants, Except Rugs
1992	ROCKYS DRY CLG & LDRY SVCS	Drycleaning Plants, Except Rugs

HE965	**MASON TIRE AND AUTO SERVICE**	**LUST**	**U003730099**
Target	**750 HWY 17 N**	**UST**	**N/A**
Property	**SURFSIDE BEACH, SC**		

Site 2 of 2 in cluster HE

Actual:
22 ft.

Focus Map:
40

LUST:

Name:	MASON TIRE AND AUTO SERVICE
Address:	750 HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	18582
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	MASON TIRE AND AUTO SERV08/18/00
Tank Owner Last Name:	MASON TIRE AND AUTO SERVICE
Tank Owner First name:	Not reported
NFA Date:	08/23/2001
Tank Owner City:	SURFSIDE BEACH
Confirmed Date:	01/04/2001
Release Date:	Not reported
EID:	1797920
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	W25
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	MASON TIRE AND AUTO SERVICE
Local Fac First Name:	Not reported
User Name:	AKHVLEKT
Cleanup Initiated Date:	01/04/2001
Prefix:	N
Total Score:	1

LUST:

Release Date:	08/18/2000
Cleanup Complete Date:	08/23/2001
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	01/04/2001
RP Name:	MASON TIRE AND AUTO SERVICE
RP Address:	750 HWY 17 N
RP City:	SURFSIDE BEACH
RP State:	SC
RP Zip:	29575
SCRBCA Class Code:	CLASS5B
Project Manager:	AKHVLEDIANI, KONSTANTINE T
Release Fin Type Code:	W25

UST:

Name:	MASON TIRE AND AUTO SERVICE
Address:	750 HWY 17 N
City:	SURFSIDE BEACH
Facility ID:	18582
Permit:	N 18582
Owner:	MASON TIRE AND AUTO SERVICE
Owner Address:	750 HWY 17 N

MASON TIRE AND AUTO SERVICE (Continued) **U003730099**

Owner City, st, zip:	SURFSIDE BEACH SC 29575
Owner Phone:	Not reported
Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Waste oil, burnt oil, used oil
Calcage:	20

966
Target
Property

ISLAND SCREENWORKS INCORPORATED
10607 HWY 707
MYRTLE BEACH, SC 29588

RCRA-VSQG **1001125642**
ECHO **SCR000004390**

Actual:
18 ft.

Focus Map:
39

RCRA Listings:

Date Form Received by Agency:	1999-09-28 00:00:00.0
Handler Name:	ISLAND SCREENWORKS INC
Handler Address:	10607 HWY 707
Handler City,State,Zip:	MYRTLE BEACH, SC 29575
EPA ID:	SCR000004390
Contact Name:	AL LEADFORD
Contact Address:	10607 HWY 707
Contact City,State,Zip:	MYRTLE BEACH, SC 29575
Contact Telephone:	843-215-2152
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 707
Mailing City,State,Zip:	MYRTLE BEACH, SC 29575
Owner Name:	CRAIG KEEFER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

ISLAND SCREENWORKS INCORPORATED (Continued) **1001125642**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-ENDO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D018
Waste Description:	BENZENE

ISLAND SCREENWORKS INCORPORATED (Continued) **1001125642**

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CRAIG KEEFER
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10607 HWY 707
Owner/Operator City,State,Zip: MYRTLE BEACH, SC 29575
Owner/Operator Telephone: 803-215-2152
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-09-28 00:00:00.0
Handler Name: ISLAND SCREENWORKS INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported

ISLAND SCREENWORKS INCORPORATED (Continued) **1001125642**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1001125642
Registry ID:	110002330479
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330479
Name:	ISLAND SCREENWORKS INCORPORATED
Address:	10607 HWY 707
City,State,Zip:	MYRTLE BEACH, SC 29588

967 **THE LAKES HOA** **ECHO** **1016028861**
Target **200 WATEREE RIVER RD** **N/A**
Property **MYRTLE BEACH, SC 29588**

Actual:
20 ft.

Focus Map:
39

ECHO:

Envid:	1016028861
Registry ID:	110044960511
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044960511
Name:	THE LAKES HOA
Address:	200 WATEREE RIVER RD
City,State,Zip:	MYRTLE BEACH, SC 29588

HF968 **ATLANTIC CLEANERS INCORPORATED** **RCRA-VSQG** **1004781014**
Target **510 E HWY 17 BUS** **ECHO** **SCR000005777**
Property **SURFSIDE BEACH, SC 29575**

Site 1 of 2 in cluster HF

Actual:
22 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	1997-11-10 00:00:00.0
Handler Name:	ATLANTIC CLEANERS INC
Handler Address:	510 E HWY 17 BUS
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCR000005777
Contact Name:	DONALD ALFORD
Contact Address:	510 E HWY 17 BUS
Contact City,State,Zip:	SURFSIDE BEACH, SC 29575
Contact Telephone:	803-477-8128
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	E HWY 17 BUS
Mailing City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner Name:	SUNITA R PATEL
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

ATLANTIC CLEANERS INCORPORATED (Continued) **1004781014**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

ATLANTIC CLEANERS INCORPORATED (Continued) **1004781014**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUNITA R PATEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	570 3 HWY 17 BUS
Owner/Operator City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner/Operator Telephone:	803-477-8128
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-11-10 00:00:00.0
Handler Name:	ATLANTIC CLEANERS INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004781014
Registry ID:	110002199807
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002199807
Name:	ATLANTIC CLEANERS INCORPORATED
Address:	510 E HWY 17 BUS
City,State,Zip:	SURFSIDE BEACH, SC 29575

HF969 **ATLANTIC CLEANERS INC** — **EDR Hist Cleaner** — **1019932403** / **N/A**
Target **510 HIGHWAY 17 N**
Property **MYRTLE BEACH, SC 29575**

Site 2 of 2 in cluster HF

Actual: **22 ft.**
Focus Map: **40**

EDR Hist Cleaner

Year:	Name:	Type:
1995	JAMES CLEANERS	Drycleaning Plants, Except Rugs, NEC
1998	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
1999	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2000	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2001	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2002	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2003	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2004	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2008	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2009	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2010	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs
2011	ATLANTIC CLEANERS INC	Drycleaning Plants, Except Rugs

HG970 **CIRCLE K 2723482** — **LUST** / **UST** / **GWCI** — **U004019029** / **N/A**
Target **501 HWY 17 N**
Property **SURFSIDE BEACH, SC**

Site 1 of 2 in cluster HG

Actual: **22 ft.**
Focus Map: **40**

LUST:

Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	05240
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/27/1998
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/31/1998
Prefix:	Not reported
Total Score:	93

LUST:

Release Date:	01/27/1998
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5

CIRCLE K 2723482 (Continued) **U004019029**

Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	03/31/1998
RP Name:	SURFSIDE EXXON
RP Address:	1206 DUDLEY RD
RP City:	MARION
RP State:	SC
RP Zip:	29571
SCRBCA Class Code:	CLASS3BF
Project Manager:	SHRADER, ART A
Release Fin Type Code:	RS

UST:

Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City:	SURFSIDE BEACH
Facility ID:	05240
Permit:	P 05240
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City:	SURFSIDE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	5

Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City:	SURFSIDE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	5000
Product:	Gasoline
Calcage:	10

Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City:	SURFSIDE BEACH

Tank ID:	4
Status:	**Abandoned**
Capacity:	5000

CIRCLE K 2723482 (Continued) **U004019029**

Product:	Gasoline
Calcage:	10
Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	5
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	10
Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	6
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	CIRCLE K 2723482
Address:	501 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	7
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05240
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False

CIRCLE K 2723482 (Continued) **U004019029**

Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05240. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

HG971 **PANTRY INC** **EDR Hist Auto** **1021620430**
Target **501 HIGHWAY 17 N** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 2 of 2 in cluster HG

Actual:
22 ft.

Focus Map:
40

EDR Hist Auto

Year:	Name:	Type:
1997	SURFSIDE EXXON	Gasoline Service Stations
2007	PANTRY INC	Gasoline Service Stations
2008	PANTRY INC	Gasoline Service Stations
2009	PANTRY INC	Gasoline Service Stations
2010	PANTRY INC	Gasoline Service Stations
2011	PANTRY INC	Gasoline Service Stations
2012	PANTRY INC	Gasoline Service Stations
2013	PANTRY INC	Gasoline Service Stations

HH972 **PANTRY 465** **LUST** **U003628827**
Target **999 HWY 17 S** **UST** **N/A**
Property **SURFSIDE BEACH, SC** **GWCI**

Site 1 of 3 in cluster HH

Actual:
25 ft.

Focus Map:
40

LUST:

Name:	PANTRY 465
Address:	999 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29577-4416
Release Number:	1
Facility ID:	05209
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/30/2019
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	10/27/2000
EID:	Not reported
Local Facility District:	Not reported

PANTRY 465 (Continued) **U003628827**

SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	12/19/2000
Prefix:	Not reported
Total Score:	154

LUST:

Release Date:	10/27/2000
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5.809
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	12/19/2000
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS2BB
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	PANTRY 465
Address:	999 HWY 17 S
City:	SURFSIDE BEACH
Facility ID:	05209
Permit:	R 05209
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	PANTRY 465
Address:	999 HWY 17 S
City:	SURFSIDE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5

Name:	PANTRY 465
Address:	999 HWY 17 S

PANTRY 465 (Continued) **U003628827**

City: SURFSIDE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 5

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05209
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05209. RBCA Classification 3BF1. Conducting investigation/Risk Assessment.

HH973 **CORKYS EXXON INC** **UST** **U004253837**
Target **215 HWY 17 N** **N/A**
Property **SURFSIDE BEACH, SC**

Site 2 of 3 in cluster HH

Actual:
25 ft.
Focus Map:
40

UST:
Name: CORKYS EXXON INC
Address: 215 HWY 17 N
City: SURFSIDE BEACH

CORKYS EXXON INC (Continued) **U004253837**

Facility ID:	12247
Permit:	P 12247
Owner:	CORKYS EXXON INC
Owner Address:	550 GARDEN CITY CONNECTOR
Owner City, st, zip:	MURRELLS INLET SC 29576-7846
Owner Phone:	803-238-0521
Tank ID:	Not reported
Status:	**Not reported**
Capacity:	Not reported
Product:	Not reported
Calcage:	Not reported

HH974 Target Property	**PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE 215 HWY 17 N SURFSIDE BEACH, SC**	**LUST UST GWCI**	**U003628591 N/A**

Site 3 of 3 in cluster HH

Actual:
25 ft.

Focus Map:
40

LUST:

Name:	PATEL BROTHERS INC DBA PAVILION DIS
Address:	215 HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575-6032
Release Number:	1
Facility ID:	05096
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	HARRISON, HAROLD
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/21/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	01/30/1991
Prefix:	Not reported
Total Score:	5

LUST:

Release Date:	12/21/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.580
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	01/30/1991
RP Name:	ORPHAN
RP Address:	PO BOX 14997
RP City:	SURFSIDE BEACH
RP State:	SC

PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE (Continued) **U003628591**

RP Zip: 29587
SCRBCA Class Code: CLASS2BB
Project Manager: MARTIN, JAMES M
Release Fin Type Code: DS

UST:

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH
Facility ID: 05096
Permit: P 05096
Owner: HARRISON, HAROLD
Owner Address: PO BOX 14997
Owner City, st, zip: SURFSIDE BEACH SC 29587
Owner Phone: 803-238-0521

Tank ID: 1
Status: **Abandoned**
Capacity: 2000
Product: Diesel fuel
Calcage: Not reported

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 3000
Product: Gasoline
Calcage: Not reported

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE (Continued) **U003628591**

Tank ID: 5
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 6
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: Not reported

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 7
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 0

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 8
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 0

Name: PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE
Address: 215 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 9
Status: **Abandoned**
Capacity: 6000
Product: Gasoline
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 05096
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False

PATEL BROTHERS INC DBA PAVILION DISCOUNT BEVERAGE (Continued) **U003628591**

Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05096. RBCA Classification 3BF6. Contacted.

HI975 **AAA TRANSMISSION INC** **RCRA-VSQG** **1001225623**
Target **811 2ND AVE NORTH** **SCR000006312**
Property **SURFSIDE BEACH, SC 29575**

Site 1 of 2 in cluster HI

Actual:
22 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	1999-07-26 00:00:00.0
Handler Name:	AAA TRANSMISSION INC
Handler Address:	811 2ND AVE NORTH
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCR000006312
Contact Name:	TONY ELLIOTT
Contact Address:	811 2ND AVE NORTH
Contact City,State,Zip:	SURFSIDE BEACH, SC 29575
Contact Telephone:	803-238-8423
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	2ND AVE NORTH
Mailing City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner Name:	JERRY L FREEMAN

AAA TRANSMISSION INC (Continued) **1001225623**

Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

AAA TRANSMISSION INC (Continued) **1001225623**

Sub-Part P Indicator: Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: JERRY L FREEMAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 811 2ND AVE N
Owner/Operator City,State,Zip: SURFSIDE BEACH, SC 29575
Owner/Operator Telephone: 803-238-8423
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1999-07-26 00:00:00.0
Handler Name: AAA TRANSMISSION INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: SC
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

AAA TRANSMISSION INC (Continued) **1001225623**

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HI976 **Target Property**
AAA TRANSMISSION INCORPORATED
811 2ND AVE N
SURFSIDE BEACH, SC 29575
ECHO **1016184827** **N/A**

Site 2 of 2 in cluster HI

Actual: 22 ft.
Focus Map: 40

ECHO:

Envid:	1016184827
Registry ID:	110002189113
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002189113
Name:	AAA TRANSMISSION INCORPORATED
Address:	811 2ND AVE N
City,State,Zip:	SURFSIDE BEACH, SC 29575

HJ977 **Target Property**
RITE AID #11631
118 US HIGHWAY 17 NORTH
SURFSIDE BEACH, SC 29575
ECHO **1016037156** **N/A**

Site 1 of 6 in cluster HJ

Actual: 25 ft.
Focus Map: 40

ECHO:

Envid:	1016037156
Registry ID:	110046540070
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046540070
Name:	RITE AID #11631
Address:	118 US HIGHWAY 17 NORTH
City,State,Zip:	SURFSIDE BEACH, SC 29575

HJ978 **Target Property**
FAMILY DOLLAR 287
114 HWY 17 N
SURFSIDE BEACH, SC 29575
ECHO **1018124259** **N/A**

Site 2 of 6 in cluster HJ

Actual: 25 ft.
Focus Map: 40

ECHO:

Envid:	1018124259
Registry ID:	110064676961
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064676961
Name:	FAMILY DOLLAR 287
Address:	114 HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575

HJ979 **Target Property**
FAMILY DOLLAR 287
114 HWY 17 N
SURFSIDE BEACH, SC 29575
RCRA-VSQG **1018160203** **SCR000779702**

Site 3 of 6 in cluster HJ

Actual: 25 ft.
Focus Map: 40

RCRA Listings:

Date Form Received by Agency:	2015-03-20 00:00:00.0
Handler Name:	FAMILY DOLLAR 287
Handler Address:	114 HWY 17 N
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575-6035
EPA ID:	SCR000779702
Contact Name:	KEVIN STRAIGHT
Contact Address:	PO BOX 1017
Contact City,State,Zip:	CHARLOTTE, NC 28201

FAMILY DOLLAR 287 (Continued) **1018160203**

Contact Telephone:	704-708-1909
Contact Fax:	Not reported
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Title:	PROGRAM MANAGER ENV COMPLIANCE
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1017
Mailing City,State,Zip:	CHARLOTTE, NC 28201
Owner Name:	FAMILY DOLLAR STORES
Owner Type:	Private
Operator Name:	FAMILY DOLLAR STORES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

FAMILY DOLLAR 287 (Continued) **1018160203**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-06-22 14:48:54.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	U002

FAMILY DOLLAR 287 (Continued) **1018160203**

Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FAMILY DOLLAR STORES
Legal Status:	Private
Date Became Current:	2014-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1017
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28201
Owner/Operator Telephone:	704-708-1909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FAMILY DOLLAR STORES
Legal Status:	Private
Date Became Current:	2014-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1017
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28201
Owner/Operator Telephone:	704-708-1909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-03-20 00:00:00.0
Handler Name:	FAMILY DOLLAR 287
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45299
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

HJ980 **SURFSIDE BEACH TOWN OF** **LUST** **U000481074**
Target **115 US HWY 17 N** **UST** **N/A**
Property **SURFSIDE BEACH, SC** **GWCI**

Site 4 of 6 in cluster HJ

Actual:
25 ft.
Focus Map:
40

LUST:

Name:	SURFSIDE BEACH TOWN OF
Address:	115 US HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575-6034
Release Number:	1
Facility ID:	14237
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	SURFSIDE BEACH TOWN OF
Tank Owner Last Name:	SURFSIDE BEACH TOWN OF
Tank Owner First name:	Not reported
NFA Date:	04/21/2001
Tank Owner City:	SURFSIDE BEACH
Confirmed Date:	08/24/2005
Release Date:	12/23/1991
EID:	14786927
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	1C
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SURFSIDE BEACH TOWN OF
Local Fac First Name:	Not reported
User Name:	THOMADL
Cleanup Initiated Date:	03/23/1992
Prefix:	P
Total Score:	1

LUST:

Release Date:	07/26/2005
Cleanup Complete Date:	01/13/2011
Depth to Ground Water:	2.830
Ground Water Flow Direction:	SE
Release Number:	2
Confirmed date:	08/24/2005
RP Name:	SURFSIDE BEACH TOWN OF
RP Address:	115 US HWY 17 N
RP City:	SURFSIDE BEACH
RP State:	SC
RP Zip:	29575-6034
SCRBCA Class Code:	CLASS1C
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

Release Date:	12/23/1991
Cleanup Complete Date:	04/21/2001
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	SURFSIDE BEACH TOWN OF
RP Address:	115 US HWY 17 N
RP City:	SURFSIDE BEACH
RP State:	SC

SURFSIDE BEACH TOWN OF (Continued) **U000481074**

RP Zip:	29575-6034
SCRBCA Class Code:	CLASS3BF
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	DS

Name:	SURFSIDE BEACH TOWN OF
Address:	115 US HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575-6034
Release Number:	2
Facility ID:	14237
Release Status Number:	1
Substance:	PETROL
Tank Owner Company Name:	SURFSIDE BEACH TOWN OF
Tank Owner Last Name:	SURFSIDE BEACH TOWN OF
Tank Owner First name:	Not reported
NFA Date:	01/13/2011
Tank Owner City:	SURFSIDE BEACH
Confirmed Date:	08/24/2005
Release Date:	07/26/2005
EID:	14786927
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	1C
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SURFSIDE BEACH TOWN OF
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	08/24/2005
Prefix:	P
Total Score:	9

LUST:

Release Date:	07/26/2005
Cleanup Complete Date:	01/13/2011
Depth to Ground Water:	2.830
Ground Water Flow Direction:	SE
Release Number:	2
Confirmed date:	08/24/2005
RP Name:	SURFSIDE BEACH TOWN OF
RP Address:	115 US HWY 17 N
RP City:	SURFSIDE BEACH
RP State:	SC
RP Zip:	29575-6034
SCRBCA Class Code:	CLASS1C
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

Release Date:	12/23/1991
Cleanup Complete Date:	04/21/2001
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	SURFSIDE BEACH TOWN OF
RP Address:	115 US HWY 17 N
RP City:	SURFSIDE BEACH

SURFSIDE BEACH TOWN OF (Continued) **U000481074**

RP State: SC
RP Zip: 29575-6034
SCRBCA Class Code: CLASS3BF
Project Manager: THOMA, DEBRA L
Release Fin Type Code: DS

UST:

Name: SURFSIDE BEACH TOWN OF
Address: 115 US HWY 17 N
City: SURFSIDE BEACH
Facility ID: 14237
Permit: P 14237
Owner: SURFSIDE BEACH TOWN OF
Owner Address: 115 US HWY 17 N
Owner City, st, zip: SURFSIDE BEACH SC 29575-6034
Owner Phone: 843-913-6111

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 15

Name: SURFSIDE BEACH TOWN OF
Address: 115 US HWY 17 N
City: SURFSIDE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 1000
Product: Waste oil, burnt oil, used oil
Calcage: 15

Name: SURFSIDE BEACH TOWN OF
Address: 115 US HWY 17 N
City: SURFSIDE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 1000
Product: Gasoline
Calcage: 10

Name: SURFSIDE BEACH TOWN OF
Address: 115 US HWY 17 N
City: SURFSIDE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 0

SC GWIC:

Bureau: BLWM

SURFSIDE BEACH TOWN OF (Continued) **U000481074**

EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	14237
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14237. RBCA Classification 5B1. Conducting investigation/Risk Assessment.

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981 **CIRCLE K 2720334** **LUST** **U003628809**
Target **1011 GLENNS BAY RD** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
25 ft.

Focus Map:
40

LUST:

Name:	CIRCLE K 2720334
Address:	1011 GLENNS BAY RD
City,State,Zip:	MYRTLE BEACH, SC 29575-4721
Release Number:	1
Facility ID:	05202
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	11/23/2015
EID:	Not reported
Local Facility District:	Not reported

CIRCLE K 2720334 (Continued) **U003628809**

SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 12/09/2015
Prefix: Not reported
Total Score: 39

UST:

Name: CIRCLE K 2720334
Address: 1011 GLENNS BAY RD
City: MYRTLE BEACH
Facility ID: 05202
Permit: R 05202
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

Name: CIRCLE K 2720334
Address: 1011 GLENNS BAY RD
City: MYRTLE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Plus
Calcage: 5

Name: CIRCLE K 2720334
Address: 1011 GLENNS BAY RD
City: MYRTLE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 5

HJ982 Target Property | **PANTRY INC** | **11 HIGHWAY 17 N** | **SURFSIDE BEACH, SC 29575** | **EDR Hist Auto** | **1020993750** | **N/A**

Site 5 of 6 in cluster HJ

Actual: 25 ft.
Focus Map: 40

EDR Hist Auto

Year:	Name:	Type:
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

HJ983 Target Property | **CIRCLE K 2723418** | **11 HWY 17 N** | **SURFSIDE BEACH, SC** | **LUST UST GWCI** | **U003628586** | **N/A**

Site 6 of 6 in cluster HJ

Actual: 25 ft.
Focus Map: 40

LUST:

Name:	CIRCLE K 2723418
Address:	11 HWY 17 N
City,State,Zip:	SURFSIDE BEACH, SC 29575
Release Number:	1
Facility ID:	05042
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/30/1993
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	08/28/1995
Prefix:	Not reported
Total Score:	300100

LUST:

Release Date:	06/30/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.870
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	08/28/1995

CIRCLE K 2723418 (Continued) **U003628586**

RP Name: ORPHAN COOK TRANSPORT CO INC
RP Address: 2205 BUTTERCUP LN
RP City: CONWAY
RP State: SC
RP Zip: 29526-3200
SCRBCA Class Code: CLASS1C
Project Manager: MARTIN, JAMES M
Release Fin Type Code: DS

UST:

Name: CIRCLE K 2723418
Address: 11 HWY 17 N
City: SURFSIDE BEACH
Facility ID: 05042
Permit: P 05042
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: CIRCLE K 2723418
Address: 11 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: CIRCLE K 2723418
Address: 11 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 3
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 5

Name: CIRCLE K 2723418
Address: 11 HWY 17 N
City: SURFSIDE BEACH

Tank ID: 4
Status: **Abandoned**
Capacity: 10000
Product: Diesel fuel
Calcage: 5

CIRCLE K 2723418 (Continued) **U003628586**

Name:	CIRCLE K 2723418
Address:	11 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	5
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	CIRCLE K 2723418
Address:	11 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	6
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	0
Name:	CIRCLE K 2723418
Address:	11 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	7
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	CIRCLE K 2723418
Address:	11 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	8
Status:	**Currently in Use**
Capacity:	4000
Product:	Diesel fuel
Calcage:	0
Name:	CIRCLE K 2723418
Address:	11 HWY 17 N
City:	SURFSIDE BEACH
Tank ID:	9
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05042
WPC Permit:	Not reported

CIRCLE K 2723418 (Continued) **U003628586**

Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05042. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

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984 **SCDOT** **ECHO** **1022994956**
Target **US 17 AT US 17 BUSINESS** **N/A**
Property **MYRTLE BEACH, SC 29587**

Actual:
25 ft.
Focus Map:
40

ECHO:

Envid:	1022994956
Registry ID:	110070122781
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070122781
Name:	SCDOT
Address:	US 17 AT US 17 BUSINESS
City,State,Zip:	MYRTLE BEACH, SC 29587

HK985 **SURFSIDE CLEANERS** **EDR Hist Cleaner** **1020100197**
Target **824 SURFSIDE DRIVE** **N/A**
Property **SURFSIDE BCH, SC 29577**

Site 1 of 5 in cluster HK

Actual:
25 ft.
Focus Map:
40

EDR Hist Cleaner

Year:	Name:	Type:
1987	SURFSIDE CLEANERS	Drycleaning Plants, Except Rugs
1988	SURFSIDE CLEANERS	Drycleaning Plants, Except Rugs
1989	SURFSIDE CLEANERS	Drycleaning Plants, Except Rugs

SURFSIDE CLEANERS (Continued) **1020100197**

1990	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1991	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1992	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1993	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1994	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1995	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1996	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1997	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
1998	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs

HK986 **SURFSIDE CLEANERS INC** **SHWS** **S105621370**
Target **822 SURSIDE DR** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 2 of 5 in cluster HK

Actual:
25 ft.
Focus Map:
40

SHWS:

Name:	SURFSIDE CLEANERS INC
Address:	822 SURSIDE DR
City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCDRY0051436

HK987 **SURFSIDE CLEANERS** **RCRA-VSQG** **1000230668**
Target **822 SURFSIDE DR** **ECHO** **SCD051361400**
Property **SURFSIDE BEACH, SC 29575**

Site 3 of 5 in cluster HK

Actual:
25 ft.
Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2008-05-13 00:00:00.0
Handler Name:	SURFSIDE CLEANERS
Handler Address:	822 SURFSIDE DR
Handler City,State,Zip:	SURFSIDE BEACH, SC 29577
EPA ID:	SCD051361400
Contact Name:	ALTON CAUSEY
Contact Address:	SURFSIDE DRIVE
Contact City,State,Zip:	SURFSIDE BEACH, SC 29575
Contact Telephone:	843-238-5341
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 14034
Mailing City,State,Zip:	SURFSIDE BEACH, SC 29587
Owner Name:	AHON WADE CAUSEY
Owner Type:	Private
Operator Name:	AHON WADE CAUSEY
Operator Type:	Private

SURFSIDE CLEANERS (Continued) **1000230668**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

SURFSIDE CLEANERS (Continued) **1000230668**

Hazardous Waste Summary:
Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: AHON WADE CAUSEY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 822 SURFSIDE DR
Owner/Operator City,State,Zip: SURFSIDE BEACH, SC 29575
Owner/Operator Telephone: 843-238-5341
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OPERNAME
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: OPERSTREET
Owner/Operator City,State,Zip: OPERCITY, WY 99999
Owner/Operator Telephone: 404-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AHON WADE CAUSEY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 822 SURFSIDE DR
Owner/Operator City,State,Zip: SURFSIDE BEACH, SC 29575
Owner/Operator Telephone: 843-238-5341
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AHON WADE CAUSEY
Legal Status: Private
Date Became Current: 2008-05-13 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 822 SURFSIDE DR
Owner/Operator City,State,Zip: SURFSIDE BEACH, SC 29575

SURFSIDE CLEANERS (Continued) **1000230668**

Owner/Operator Telephone:	843-238-5341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-07-23 00:00:00.0
Handler Name:	SURFSIDE CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-05-13 00:00:00.0
Handler Name:	SURFSIDE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-09-03 00:00:00.0
Actual Return to Compliance Date:	1993-10-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-10-14 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-09-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SURFSIDE CLEANERS (Continued) **1000230668**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

SURFSIDE CLEANERS (Continued) **1000230668**

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

SURFSIDE CLEANERS (Continued) **1000230668**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1993-09-03 00:00:00.0
Actual Return to Compliance Date: 1993-10-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1993-10-14 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1993-09-14 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: SC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCSMK
Enforcement Responsible Sub-Organization: WM
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

SURFSIDE CLEANERS (Continued) **1000230668**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1993-09-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1993-10-14 00:00:00.0
Scheduled Compliance Date:	1993-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM

SURFSIDE CLEANERS (Continued) **1000230668**

Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-01-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-10-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	1993-10-14 00:00:00.0
Scheduled Compliance Date:	1993-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

SURFSIDE CLEANERS (Continued) **1000230668**

Request Agency: Not reported
Former Citation: Not reported

ECHO:
Envid: 1000230668
Registry ID: 110006434769
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006434769
Name: SURFSIDE CLEANERS
Address: 822 SURFSIDE DR
City,State,Zip: SURFSIDE BEACH, SC 29575

HK988 **SURFSIDE CLEANERS INC** **EDR Hist Cleaner** **1018490417**
Target **822 SURFSIDE DR** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 4 of 5 in cluster HK

Actual:
25 ft.

Focus Map:
40

EDR Hist Cleaner

Year:	Name:	Type:
1999	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2000	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2001	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2002	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2003	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2004	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2005	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2006	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2007	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2008	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2009	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2010	SURFSIDE CLEANERS INC	Drycleaning Plants, Except Rugs
2011	ALLBRIGHT CLEANERS	Building And Office Cleaning Services
2012	ALLBRIGHT CLEANERS	Building And Office Cleaning Services
2013	ALLBRIGHT CLEANERS	Building And Office Cleaning Services

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HK989 **SURFSIDE CLEANERS INC** **DRYCLEANERS** **S119122415**
Target **822 SURFSIDE DR** **N/A**
Property **SURFSIDE BEACH, SC**

Site 5 of 5 in cluster HK

Actual:
25 ft.

Focus Map:
40

Drycleaners:
BLWM Number: 51436
Rank: II
Priority Group Explanation: II

990 **Target Property**	**SPARKS ESSO SERVICE STATION** **316 HWY 17 SOUTH** **MYRTLE BEACH, SC 29577**	**EDR Hist Auto**	**1021435693** **N/A**

EDR Hist Auto

Actual: **25 ft.**
Focus Map: **40**

Year:	Name:	Type:
1971	SPARKS ESSO SERVICE STATION	Gasoline Service Stations
1972	SPARKS ESSO SERVICE STATION	Gasoline Service Stations

---

991 **Target Property**	**407 5TH AVE N** **MYRTLE BEACH, SC 29575**	**CDL**	**S118422720** **N/A**

Actual: **12 ft.**
Focus Map: **40**

CDL 2:

Name:	Not reported
Address:	407 5TH AVE N
City,State,Zip:	MYRTLE BEACH, SC 29575
Date Seized:	09/01/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	150353
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3955
Was NPLEX Used:	YES
Num Child:	0
Structure:	Residence

---

992 **Target Property**	**LUBE CITY** **1012 SURFPINE DR** **SURFSIDE BEACH, SC**	**LUST** **UST**	**U003523282** **N/A**

Actual: **28 ft.**
Focus Map: **40**

LUST:

Name:	LUBE CITY
Address:	1012 SURFPINE DR
City,State,Zip:	SURFSIDE BEACH, SC 29575-4750
Release Number:	1
Facility ID:	15667
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	SAULS, JOSEPH
Tank Owner Last Name:	SAULS
Tank Owner First name:	JOSEPH
NFA Date:	02/23/1994
Tank Owner City:	SURFSIDE BEACH
Confirmed Date:	06/25/1993
Release Date:	06/25/1993
EID:	1786715
Local Facility District:	Myrtle Beach EQC Office

LUBE CITY (Continued) **U003523282**

SCRBCA Class Number:	Not reported
Release Fin Type Code:	UNK
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	LUBE CITY
Local Fac First Name:	Not reported
User Name:	STOUDEDW
Cleanup Initiated Date:	06/25/1993
Prefix:	N
Total Score:	Not reported

UST:

Name:	LUBE CITY
Address:	1012 SURFPINE DR
City:	SURFSIDE BEACH
Facility ID:	15667
Permit:	N 15667
Owner:	SAULS, JOSEPH C
Owner Address:	652 3RD AVE N
Owner City, st, zip:	SURFSIDE BEACH SC 29575-3904
Owner Phone:	803-238-0185
Tank ID:	1
Status:	**Abandoned**
Capacity:	1000
Product:	Waste oil, burnt oil, used oil
Calcage:	10

993
Target
Property

TILSON INC
600 HWY 17 SOUTH
SURFSIDE BCH, SC 29575

EDR Hist Auto **1020747793** **N/A**

EDR Hist Auto

Actual:
25 ft.

Focus Map:
40

Year:	Name:	Type:
1988	TILSON INC	Carwashes
1989	TILSON INC	Carwashes, NEC
1990	TILSON INC	Carwashes, NEC
1991	TILSON INC	Carwashes, NEC

HL994
Target
Property

CVS PHARMACY 5515
601 HWY 17 S
SURFSIDE BEACH, SC 29575

RCRA-LQG **1014961255** **SCR000774588**

Site 1 of 2 in cluster HL

Actual:
25 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 5515
Handler Address:	601 HWY 17 S
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCR000774588
Contact Name:	NICOLE WILKINSON
Contact Address:	ONE CVS DR
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132

CVS PHARMACY 5515 (Continued) **1014961255**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	CVS PHARMACY INC
Owner Type:	Private
Operator Name:	SC CVS PHARMACY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

CVS PHARMACY 5515 (Continued) **1014961255**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-15 11:29:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D024
Waste Description: M-CRESOL

CVS PHARMACY 5515 (Continued) **1014961255**

Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P042
Waste Description:	1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	P081
Waste Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Waste Code:	P188
Waste Description:	BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U059
Waste Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Waste Code:	U070
Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS,

CVS PHARMACY 5515 (Continued) **1014961255**

(E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206
Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

CVS PHARMACY 5515 (Continued) **1014961255**

Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CVS PHARMACY 5515 (Continued) **1014961255**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895

CVS PHARMACY 5515 (Continued) **1014961255**

Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 5515
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 5515

CVS PHARMACY 5515 (Continued) **1014961255**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2012-05-07 00:00:00.0
Handler Name:	CVS PHARMACY 5515
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-31 00:00:00.0
Handler Name:	CVS PHARMACY 5515
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-20 00:00:00.0
Handler Name:	CVS PHARMACY 5515
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-05-19 00:00:00.0
Handler Name:	CVS PHARMACY 5515
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CVS PHARMACY 5515 (Continued) **1014961255**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-10-03 00:00:00.0
Handler Name:	CVS PHARMACY 5515
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	44611
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES
NAICS Code:	812922
NAICS Description:	ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

HL995 **CVS PHARMACY 5515** **ECHO** **1016037040**
Target **601 HWY 17 S** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 2 of 2 in cluster HL

Actual:
25 ft.
Focus Map:
40

ECHO:

Envid:	1016037040
Registry ID:	110045990479
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045990479
Name:	CVS PHARMACY 5515
Address:	601 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29575

996 SUNSPOT CONVENIENCE AND DELI — **LUST, UST, GWCI** — **U003525723 N/A**

Target Property
411 HWY 17 S
SURFSIDE BEACH, SC

Actual: 22 ft.
Focus Map: 40

LUST:

Name:	SUNSPOT CONVENIENCE AND DELI
Address:	411 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29575-6060
Release Number:	1
Facility ID:	05205
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	ALIABADI, HASSAN
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	04/01/2003
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	04/07/1995
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MINERRS
Cleanup Initiated Date:	09/19/1995
Prefix:	Not reported
Total Score:	20

LUST:

Release Date:	04/07/1995
Cleanup Complete Date:	Not reported
Depth to Ground Water:	5
Ground Water Flow Direction:	W
Release Number:	1
Confirmed date:	09/19/1995
RP Name:	Z TAYLOR CORP
RP Address:	411 HWY 17 S
RP City:	SURFSIDE BEACH
RP State:	SC
RP Zip:	29575-6060
SCRBCA Class Code:	CLASS3BD
Project Manager:	MINER, READ S
Release Fin Type Code:	RS

UST:

Name:	SUNSPOT CONVENIENCE AND DELI
Address:	411 HWY 17 S
City:	SURFSIDE BEACH
Facility ID:	05205
Permit:	N 05205
Owner:	ALIABADI, HASSAN
Owner Address:	1712 FERN ST
Owner City, st, zip:	ALEXANDRIA VA 22302-2605
Owner Phone:	803-238-1323

SUNSPOT CONVENIENCE AND DELI (Continued) **U003525723**

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	SUNSPOT CONVENIENCE AND DELI
Address:	411 HWY 17 S
City:	SURFSIDE BEACH
Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	SUNSPOT CONVENIENCE AND DELI
Address:	411 HWY 17 S
City:	SURFSIDE BEACH
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	10
Name:	SUNSPOT CONVENIENCE AND DELI
Address:	411 HWY 17 S
City:	SURFSIDE BEACH
Tank ID:	4
Status:	**Abandoned**
Capacity:	1000
Product:	Kerosene
Calcage:	10

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05205
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True

SUNSPOT CONVENIENCE AND DELI (Continued) **U003525723**

Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 05205. RBCA Classification 3BD9. CNFA.

HM997 **SCOTCHMAN 137** **GWCI** **U003629465**
Target **600 N KINGS HWY** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 1 of 3 in cluster HM

Actual:
25 ft.

Focus Map:
40

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	11823
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No

SCOTCHMAN 137 (Continued) **U003629465**

Drinking Water Well Impact: No
Remarks: Site ID # 11823. RBCA Classification 3BF8. Awaiting Funding.

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998 **Target** **Property**	**RH MOORE INC** **10601 HWY 707** **MURRELLS INLET, SC 29576**	**RCRA-VSQG**	**1001962026** **SC0000328708**

Actual:
15 ft.

Focus Map:
39

RCRA Listings:

Date Form Received by Agency:	1999-12-21 00:00:00.0
Handler Name:	RH MOORE INC
Handler Address:	10601 HWY 707
Handler City,State,Zip:	MURRELLS INLET, SC 29576
EPA ID:	SC0000328708
Contact Name:	RUFUS PERDUE
Contact Address:	PO BOX 830
Contact City,State,Zip:	MURRELLS INLET, SC 29576
Contact Telephone:	803-650-2155
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 830
Mailing City,State,Zip:	MURRELLS INLET, SC 29576
Owner Name:	RICHARD H MOORE
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

RH MOORE INC (Continued) **1001962026**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICHARD H MOORE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 830
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	803-650-2155
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RH MOORE INC (Continued) **1001962026**

Historic Generators:

Receive Date:	1999-12-21 00:00:00.0
Handler Name:	RH MOORE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RH MOORE INC (Continued) **1001962026**

Evaluation Action Summary:

Evaluation Date:	1999-10-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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999 **PAINT & BODY BY RON 1** **RCRA-VSQG** **1000321316**
Target **1401 HIGHWAY 175** **SCD982146201**
Property **SURFSIDE BEACH, SC 29575**

Actual:
25 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2002-03-27 00:00:00.0
Handler Name:	PAINT & BODY BY RON 1
Handler Address:	1401 HIGHWAY 175
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCD982146201
Contact Name:	RON PARRISH
Contact Address:	1401 HIGHWAY 175
Contact City,State,Zip:	SURFSIDE BEACH, SC 29575
Contact Telephone:	803-828-7359
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HIGHWAY 175
Mailing City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner Name:	RON PARRISH
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

PAINT & BODY BY RON 1 (Continued) **1000321316**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RON PARRISH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 HIGHWAY 175
Owner/Operator City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported

PAINT & BODY BY RON 1 (Continued) **1000321316**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-05-23 00:00:00.0
Handler Name:	PAINT & BODY BY RON #1
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	PAINT & BODY BY RON 1
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

HM1000 **BEACH AUTO BODY INC** **RCRA-VSQG** **1004780655**
Target **605 HWY 17 SOUTH** **SCD987591138**
Property **SURFSIDE BEACH, SC 29575**

Site 2 of 3 in cluster HM

Actual:
25 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	1994-05-19 00:00:00.0
Handler Name:	BEACH AUTO BODY INC
Handler Address:	605 HWY 17 SOUTH
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCD987591138
Contact Name:	JOHN REEDER
Contact Address:	605 HWY 17 SOUTH

BEACH AUTO BODY INC (Continued) **1004780655**

Contact City,State,Zip:	SURFSIDE BEACH, SC 29575
Contact Telephone:	803-238-3065
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 17 SOUTH
Mailing City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner Name:	JOHN REEDER
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

BEACH AUTO BODY INC (Continued) **1004780655**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN REEDER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 HWY 17 SOUTH
Owner/Operator City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-05-19 00:00:00.0
Handler Name:	BEACH AUTO BODY INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

BEACH AUTO BODY INC (Continued) **1004780655**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

HM1001	**BEACH AUTO BODY INCORPORATED**	**ECHO**	**1016120524**
Target	**605 HWY 17 S**		**N/A**
Property	**SURFSIDE BEACH, SC 29575**		

Site 3 of 3 in cluster HM

Actual:
25 ft.

Focus Map:
40

ECHO:

Envid:	1016120524
Registry ID:	110002330558
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330558
Name:	BEACH AUTO BODY INCORPORATED
Address:	605 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29575

1002		**CDL**	**S118422715**
Target	**304 N OCEAN BLVD**		**N/A**
Property	**MYRTLE BEACH, SC 29575**		

Actual:
9 ft.

Focus Map:
40

CDL 2:

Name:	Not reported
Address:	304 N OCEAN BLVD
City,State,Zip:	MYRTLE BEACH, SC 29575
Date Seized:	09/02/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	150354
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3736
Was NPLEX Used:	NO
Num Child:	0
Structure:	Hotel

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
HN1003 **Target** **Property**	**OWENS MOTOR CO** **635 HWY 17 SOUTH** **SURFSIDE BEACH, SC 29575**	**RCRA-VSQG**	**1007115378** **SCD144847803**

Site 1 of 2 in cluster HN

Actual:
25 ft.

Focus Map:
40

RCRA Listings:

Date Form Received by Agency:	2007-07-02 00:00:00.0
Handler Name:	OWENS MOTOR CO
Handler Address:	635 HWY 17 SOUTH
Handler City,State,Zip:	SURFSIDE BEACH, SC 29575
EPA ID:	SCD144847803
Contact Name:	MICHAEL DUNHAM
Contact Address:	635 HWY 17 SOUTH
Contact City,State,Zip:	SURFSIDE BEACH, SC 29575
Contact Telephone:	803-238-2623
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	S MYRTLE DR
Mailing City,State,Zip:	MYRTLE BEACH, SC 29575
Owner Name:	ALLAN L OWENS
Owner Type:	Private
Operator Name:	ALLAN L OWENS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

OWENS MOTOR CO (Continued) **1007115378**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALLAN L OWENS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	635 HWY 17 SOUTH
Owner/Operator City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner/Operator Telephone:	803-238-2623

OWENS MOTOR CO (Continued) **1007115378**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALLAN L OWENS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	635 HWY 17 SOUTH
Owner/Operator City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner/Operator Telephone:	803-238-2623
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALLAN L OWENS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	635 HWY 17 SOUTH
Owner/Operator City,State,Zip:	SURFSIDE BEACH, SC 29575
Owner/Operator Telephone:	803-238-2623
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-11-04 00:00:00.0
Handler Name:	OWENS MOTOR CO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-27 00:00:00.0
Handler Name:	OWENS MOTOR CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-04-23 00:00:00.0
Handler Name:	OWENS MOTOR CO

OWENS MOTOR CO (Continued) **1007115378**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-09-06 00:00:00.0
Handler Name:	OWENS MOTOR CO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-07-02 00:00:00.0
Handler Name:	OWENS MOTOR CO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

OWENS MOTOR CO (Continued) **1007115378**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

OWENS MOTOR CO (Continued) **1007115378**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

OWENS MOTOR CO (Continued) **1007115378**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1996-06-04 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-09-03 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSMK
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-08-06 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCBCH
Evaluation Responsible Sub-Organization: WM

OWENS MOTOR CO (Continued) **1007115378**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSMK
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HN1004 **OWENS MOTOR CO** **ECHO** **1000875798**
Target **635 HWY 17 S** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 2 of 2 in cluster HN

Actual:
25 ft.

Focus Map:
40

ECHO:

Envid:	1000875798
Registry ID:	110002330371
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330371
Name:	OWENS MOTOR CO
Address:	635 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29575

1005 **CDL** **S117884638**
Target **308 2ND AVE N** **N/A**
Property **MYRTLE BEACH, SC 29575**

Actual:
6 ft.

Focus Map:
44

CDL 2:

Name:	Not reported
Address:	308 2ND AVE N
City,State,Zip:	MYRTLE BEACH, SC 29575
Date Seized:	02/01/2015
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	MYRTLE BEACH POLICE DEPT HEADQUARTERS
Lab Number:	150039
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	4426
Was NPLEX Used:	NO
Num Child:	0
Structure:	Apartment

1006 **MYRTLE BEACH KOA** **LUST** **U004291778**
Target **613 5TH AVE S** **UST** **N/A**
Property **MYRTLE BEACH, SC**

Actual:
15 ft.

Focus Map:
44

LUST:

Name:	MYRTLE BEACH KOA
Address:	613 5TH AVE S
City,State,Zip:	MYRTLE BEACH, SC 29577
Release Number:	1
Facility ID:	11653
Release Status Number:	Not reported
Substance:	Not reported
Tank Owner Company Name:	BIRCH CANOE CAMPGROUND03/04/02
Tank Owner Last Name:	BIRCH CANOE CAMPGROUND INC
Tank Owner First name:	Not reported
NFA Date:	04/01/2002
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	04/01/2002
Release Date:	Not reported
EID:	3482470
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	UST
Local Fac Last Name:	MYRTLE BEACH KOA
Local Fac First Name:	Not reported
User Name:	HIGHTOCW
Cleanup Initiated Date:	04/01/2002
Prefix:	R
Total Score:	Not reported

UST:

Name:	MYRTLE BEACH KOA
Address:	613 5TH AVE S
City:	MYRTLE BEACH
Facility ID:	11653
Permit:	R 11653
Owner:	BIRCH CANOE CAMPGROUND INC
Owner Address:	613 5TH AVE S
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	843-448-3421

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	0

Name:	MYRTLE BEACH KOA
Address:	613 5TH AVE S
City:	MYRTLE BEACH

Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel
Calcage:	0

MYRTLE BEACH KOA (Continued) **U004291778**

Name:	MYRTLE BEACH KOA
Address:	613 5TH AVE S
City:	MYRTLE BEACH

Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	0

1007 **AA CLEANERS** **EDR Hist Cleaner** **1019919749**
Target **11109 HIGHWAY 707** **N/A**
Property **MURRELLS INLET, SC 29576**

EDR Hist Cleaner

Actual:
13 ft.
Focus Map:
43

Year:	Name:	Type:
2001	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2002	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2005	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2006	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2007	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2008	AA CLEANERS	Drycleaning Plants, Except Rugs, NEC
2009	PYE-BARKER INDUSTRIAL CLG LLC	Drycleaning Plants, Except Rugs, NEC

1008 **WILD WATER & WHEELS INC** **UST** **U003526685**
Target **910 HWY 17 S** **N/A**
Property **SURFSIDE BEACH, SC**

Actual:
25 ft.
Focus Map:
44

UST:

Name:	WILD WATER & WHEELS INC
Address:	910 HWY 17 S
City:	SURFSIDE BEACH
Facility ID:	12601
Permit:	P 12601
Owner:	WILD WATER & WHEELS INC
Owner Address:	910 HWY 17 S
Owner City, st, zip:	SURFSIDE BEACH SC 29575-6051
Owner Phone:	843-238-3787

Tank ID:	1
Status:	**Currently in Use**
Capacity:	530
Product:	Gasoline RUL
Calcage:	0

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
1009 **Target** **Property**	**COLLINS CREEK GAS & GROCERY** **11113 HWY 707** **MURRELLS INLET, SC**	**LUST** **UST**	**U003740883** **N/A**

Actual:
13 ft.

Focus Map:
43

LUST:

Name:	COLLINS CREEK GAS & GROCERY
Address:	11113 HWY 707
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	12407
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	GFY PROPERTIES INC
Tank Owner Last Name:	GFY PROPERTIES INC
Tank Owner First name:	Not reported
NFA Date:	06/26/2000
Tank Owner City:	STATEN ISLAND
Confirmed Date:	11/19/1998
Release Date:	11/18/1998
EID:	1770460
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	COLLINS CREEK GAS & GROCERY
Local Fac First Name:	Not reported
User Name:	ANDERSPE
Cleanup Initiated Date:	11/19/1998
Prefix:	P
Total Score:	1

LUST:

Release Date:	11/18/1998
Cleanup Complete Date:	06/14/2000
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	11/19/1998
RP Name:	COLLINS GROCERY INC
RP Address:	9140 RESEARCH
RP City:	CHARLOTTE
RP State:	NC
RP Zip:	28221
SCRBCA Class Code:	CLASS5B
Project Manager:	ANDERSON, PAULA E
Release Fin Type Code:	W25

UST:

Name:	COLLINS CREEK GAS & GROCERY
Address:	11113 HWY 707
City:	MURRELLS INLET
Facility ID:	12407
Permit:	P 12407
Owner:	GFY PROPERTIES INC
Owner Address:	23 SEAGATE RD
Owner City, st, zip:	STATEN ISLAND NY 10305
Owner Phone:	347-996-0267

COLLINS CREEK GAS & GROCERY (Continued) **U003740883**

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	10
Name:	COLLINS CREEK GAS & GROCERY
Address:	11113 HWY 707
City:	MURRELLS INLET
Tank ID:	2
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	10
Name:	COLLINS CREEK GAS & GROCERY
Address:	11113 HWY 707
City:	MURRELLS INLET
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	10
Name:	COLLINS CREEK GAS & GROCERY
Address:	11113 HWY 707
City:	MURRELLS INLET
Tank ID:	4
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	10
Name:	COLLINS CREEK GAS & GROCERY
Address:	11113 HWY 707
City:	MURRELLS INLET
Tank ID:	5
Status:	**Currently in Use**
Capacity:	19000
Product:	Multiple petroleum
Calcage:	0
Name:	COLLINS CREEK GAS & GROCERY
Address:	11113 HWY 707
City:	MURRELLS INLET
Tank ID:	6
Status:	**Extended Out-of-Use**
Capacity:	3000
Product:	Kerosene
Calcage:	0

HO1010 **PANTRY INC** **EDR Hist Auto** **1021051883**
Target **999 HIGHWAY 17 S** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 1 of 2 in cluster HO

Actual: EDR Hist Auto
25 ft.

Focus Map:
44

Year:	Name:	Type:
2007	PANTRY INC	Gasoline Service Stations
2008	PANTRY INC	Gasoline Service Stations
2009	PANTRY INC	Gasoline Service Stations
2010	PANTRY INC	Gasoline Service Stations
2011	PANTRY INC	Gasoline Service Stations
2012	PANTRY INC	Gasoline Service Stations

HO1011 **WALSERDALE GROCERY** **EDR Hist Auto** **1021227164**
Target **1001 TENTH AVE S** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 2 of 2 in cluster HO

Actual: EDR Hist Auto
25 ft.

Focus Map:
44

Year:	Name:	Type:
1971	WALSERDALE GROCERY	Grocery Stores
1973	WALSERDALE GROCERY	Grocery Stores
1974	WALSERDALE GROCERY	Grocery Stores
1976	WALSERDALE GROCERY	Grocery Stores
1977	WALSERDALE GROCERY	Grocery Stores
1978	WALSERDALE GROCERY	Grocery Stores
1979	WALSERDALE GROCERY	Grocery Stores
1980	WALSERDALE GROCERY	Grocery Stores
1982	WALSERDALE GROCERY	Grocery Stores
1983	WALSERDALE GROCERY	Grocery Stores

1012 **CDL** **S113669502**
Target **4305 SWEETWATER BLVD** **N/A**
Property **MURRELLS INLET, SC**

Actual:
20 ft.

Focus Map:
43

CDL 2:

Name:	Not reported
Address:	4305 SWEETWATER BLVD
City,State,Zip:	MURRELLS INLET, SC
Date Seized:	08/28/2012
Facility Detail:	Not reported
Lab Address:	4305 Sweetwater Blvd Murrells Inlet, SC
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

1013 **PAINT & BODY BY RON NUMBER 1** **ECHO** **1016185563**
Target **1401 HWY 17S** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Actual:
25 ft.
Focus Map:
44

ECHO:

Envid:	1016185563
Registry ID:	110002330380
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002330380
Name:	PAINT & BODY BY RON NUMBER 1
Address:	1401 HWY 17S
City,State,Zip:	SURFSIDE BEACH, SC 29575

1014 **TIDEMASTER OWNERS ASSOCIATION INC** **LUST** **U003525941**
Target **517 S OCEAN BLVD** **UST** **N/A**
Property **N MYRTLE BEACH, SC**

Actual:
6 ft.
Focus Map:
44

LUST:

Name:	TIDEMASTER OWNERS ASSOCIATION INC
Address:	517 S OCEAN BLVD
City,State,Zip:	N MYRTLE BEACH, SC 29575
Release Number:	1
Facility ID:	18359
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	TIDEMASTER
Tank Owner Last Name:	TIDEMASTER
Tank Owner First name:	Not reported
NFA Date:	11/17/2003
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	12/30/1999
Release Date:	12/29/1999
EID:	1797357
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	TIDEMASTER OWNERS ASSOCIATION INC
Local Fac First Name:	Not reported
User Name:	MILENKMP
Cleanup Initiated Date:	12/30/1999
Prefix:	N
Total Score:	1

LUST:

Release Date:	12/29/1999
Cleanup Complete Date:	10/04/2003
Depth to Ground Water:	4.25
Ground Water Flow Direction:	W
Release Number:	1
Confirmed date:	12/30/1999
RP Name:	TIDEMASTER
RP Address:	1211 48TH AVE N
RP City:	MYRTLE BEACH
RP State:	SC
RP Zip:	29577
SCRBCA Class Code:	CLASS3BF
Project Manager:	MILENKOVA, MAIA P
Release Fin Type Code:	W25

TIDEMASTER OWNERS ASSOCIATION INC (Continued) **U003525941**

UST:

Name:	TIDEMASTER OWNERS ASSOCIATION INC
Address:	517 S OCEAN BLVD
City:	N MYRTLE BEACH
Facility ID:	18359
Permit:	N 18359
Owner:	TIDEMASTER
Owner Address:	1211 48TH AVE N
Owner City, st, zip:	MYRTLE BEACH SC 29577
Owner Phone:	Not reported
Tank ID:	1
Status:	**Abandoned**
Capacity:	500
Product:	Diesel fuel
Calcage:	15

HP1015 **PANTRY INC** **EDR Hist Auto** **1021665782**
Target **1611 HIGHWAY 17 S** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 1 of 5 in cluster HP

Actual:
25 ft.

Focus Map:
44

EDR Hist Auto

Year:	Name:	Type:
2007	PANTRY INC	Gasoline Service Stations
2008	PANTRY INC	Gasoline Service Stations
2009	PANTRY INC	Gasoline Service Stations
2010	PANTRY INC	Gasoline Service Stations
2011	PANTRY INC	Gasoline Service Stations
2012	PANTRY INC	Gasoline Service Stations
2013	PANTRY INC	Gasoline Service Stations

HP1016 **CIRCLE K 2723062** **LUST** **U004273355**
Target **1611 HWY 17 S** **UST** **N/A**
Property **SURFSIDE BEACH, SC**

Site 2 of 5 in cluster HP

Actual:
25 ft.

Focus Map:
44

LUST:

Name:	CIRCLE K 2723062
Address:	1611 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29575-6036
Release Number:	1
Facility ID:	05122
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/11/2003
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/29/1989
EID:	Not reported

CIRCLE K 2723062 (Continued) **U004273355**

Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	BUTLERAP
Cleanup Initiated Date:	08/06/1990
Prefix:	Not reported
Total Score:	16

LUST:

Release Date:	12/29/1989
Cleanup Complete Date:	05/05/2003
Depth to Ground Water:	5.099
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	08/06/1990
RP Name:	QUICK STOP FOOD MART INC
RP Address:	PO BOX 2427
RP City:	FAYETTEVILLE
RP State:	NC
RP Zip:	28302-2427
SCRBCA Class Code:	CLASS3BF
Project Manager:	BUTLER, ALEX P
Release Fin Type Code:	WS

Release Date:	06/26/2002
Cleanup Complete Date:	01/03/2003
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	07/25/2002
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS5A
Project Manager:	BUTLER, ALEX P
Release Fin Type Code:	W25

Release Date:	01/11/2008
Cleanup Complete Date:	09/04/2012
Depth to Ground Water:	5.950
Ground Water Flow Direction:	SE
Release Number:	3
Confirmed date:	01/23/2008
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	W25

CIRCLE K 2723062 (Continued) **U004273355**

Name:	CIRCLE K 2723062
Address:	1611 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29575-6036
Release Number:	2
Facility ID:	05122
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/03/2003
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	06/26/2002
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	BUTLERAP
Cleanup Initiated Date:	07/25/2002
Prefix:	Not reported
Total Score:	-2

LUST:

Release Date:	12/29/1989
Cleanup Complete Date:	05/05/2003
Depth to Ground Water:	5.099
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	08/06/1990
RP Name:	QUICK STOP FOOD MART INC
RP Address:	PO BOX 2427
RP City:	FAYETTEVILLE
RP State:	NC
RP Zip:	28302-2427
SCRBCA Class Code:	CLASS3BF
Project Manager:	BUTLER, ALEX P
Release Fin Type Code:	WS

Release Date:	06/26/2002
Cleanup Complete Date:	01/03/2003
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	07/25/2002
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS5A
Project Manager:	BUTLER, ALEX P
Release Fin Type Code:	W25

CIRCLE K 2723062 (Continued) **U004273355**

Release Date:	01/11/2008
Cleanup Complete Date:	09/04/2012
Depth to Ground Water:	5.950
Ground Water Flow Direction:	SE
Release Number:	3
Confirmed date:	01/23/2008
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	W25

Name:	CIRCLE K 2723062
Address:	1611 HWY 17 S
City,State,Zip:	SURFSIDE BEACH, SC 29575-6036
Release Number:	3
Facility ID:	05122
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	09/04/2012
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/11/2008
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	01/23/2008
Prefix:	Not reported
Total Score:	9

LUST:

Release Date:	12/29/1989
Cleanup Complete Date:	05/05/2003
Depth to Ground Water:	5.099
Ground Water Flow Direction:	N
Release Number:	1
Confirmed date:	08/06/1990
RP Name:	QUICK STOP FOOD MART INC
RP Address:	PO BOX 2427
RP City:	FAYETTEVILLE
RP State:	NC
RP Zip:	28302-2427
SCRBCA Class Code:	CLASS3BF
Project Manager:	BUTLER, ALEX P
Release Fin Type Code:	WS

CIRCLE K 2723062 (Continued) **U004273355**

Release Date:	06/26/2002
Cleanup Complete Date:	01/03/2003
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	07/25/2002
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS5A
Project Manager:	BUTLER, ALEX P
Release Fin Type Code:	W25

Release Date:	01/11/2008
Cleanup Complete Date:	09/04/2012
Depth to Ground Water:	5.950
Ground Water Flow Direction:	SE
Release Number:	3
Confirmed date:	01/23/2008
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	W25

UST:

Name:	CIRCLE K 2723062
Address:	1611 HWY 17 S
City:	SURFSIDE BEACH
Facility ID:	05122
Permit:	R 05122
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	CIRCLE K 2723062
Address:	1611 HWY 17 S
City:	SURFSIDE BEACH

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5

CIRCLE K 2723062 (Continued) **U004273355**

Name:	CIRCLE K 2723062
Address:	1611 HWY 17 S
City:	SURFSIDE BEACH
Tank ID:	3
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5
Name:	CIRCLE K 2723062
Address:	1611 HWY 17 S
City:	SURFSIDE BEACH
Tank ID:	4
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5

HP1017 Target Property

PANTRY 3062 DBA KANGAROO
1611 HWY 17 S @ MELODY LN
SURFSIDE BEACH, SC 29575

GWCI **U003628652**
N/A

Site 3 of 5 in cluster HP

Actual:
25 ft.
Focus Map:
44

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	05122
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No

PANTRY 3062 DBA KANGAROO (Continued) **U003628652**

Monitoring: Yes
Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 05122. RBCA Classification 3BF3. Monitored Natural Attenuation.

HP1018 **CIRCLE K CORPORATION** **EDR Hist Auto** **1020347440**
Target **1701 HWY 17** **N/A**
Property **MYRTLE BEACH, SC 29577**

Site 4 of 5 in cluster HP

Actual:
25 ft.
EDR Hist Auto

Focus Map:
44

Year:	Name:	Type:
1993	CIRCLE K CORPORATION	Convenience Stores

HP1019 **CIRCLE K STORES INC** **EDR Hist Auto** **1021674970**
Target **1701 HIGHWAY 17 S** **N/A**
Property **SURFSIDE BEACH, SC 29575**

Site 5 of 5 in cluster HP

Actual:
25 ft.
EDR Hist Auto

Focus Map:
44

Year:	Name:	Type:
2011	CIRCLE K STORES INC	Convenience Stores

1020 **CDL** **S113669229**
Target **1725 NORTH HWY 17** **N/A**
Property **SURFSIDE, SC 29579**

Actual:
25 ft.

Focus Map:
44

CDL 2:

Name:	Not reported
Address:	1725 NORTH HWY 17
City,State,Zip:	SURFSIDE, SC 29579
Date Seized:	05/24/2012
Facility Detail:	Not reported
Lab Address:	1725 North Hwy 17 Surfside, SC 29579
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

1021 | | **CDL** | **S109683096**
Target Property | **1016 WILLOW DRIVE SURFSIDE BEACH, SC** | | **N/A**

Actual: **12 ft.**
Focus Map: **44**

CDL:

Lab/Seizure Unit # (Apt, Room Number, Ect.):	Not reported
Latitude:	Not reported
Longitude:	Not reported
QA/QC Id #:	277
Id Num Of GIS Data Point:	277
Has Call Been Verified To Be True:	No
EFIS Report Number:	0
Did DHEC Respond To The Site In Any Way?:	No
Direct Threat Of Environment Or Public Health?:	No
Type Of Report-Lab Seizure:	No
Report Chemicals/Glassware/Equipment Seizure:	No
Report-Dumpsite Seizure:	No
Official Police Report Or Case Number:	Not reported
Seizure Date:	12/2/2006
Law Enforcement Agency In Charge (Generator):	DEA Columbia
Originating Agency Identification (Ori) Number:	0
Law Enforcement Agency In Charge City:	Not reported
Law Enforcement Agency In Charge State:	Not reported
Leo Case Or File Title:	Not reported
Name Of Person Reporting Incident:	Not reported
Telephone Number Of Caller:	Not reported
Seizure Location - Apartment, Condo:	No
Seizure Location - Hotel Or Motel:	No
Seizure Location - Out Building (Shed,etc.):	No
Seizure Location - Vehicle:	No
Seizure Location - Family Dwelling House:	No
Seizure Location - Family Dwelling Mobile Home:	No
Seizure Loc-FamilyDwellingDuplex Or Other NonApartment MultiStructure:	No
Seizure Location - Dumpster:	No
Seizure Location - Storage Locker:	No
Seizure Location - Open - No Structure:	No
Seizure Location - Business:	No
Seizure Location - Other - Describe:	Not reported
Neighborhood - Commercial Or Industrial:	No
Neighborhood - Public Land - Check Box:	No
Neighborhood - Public Land - Name:	Not reported
Neighborhood - Rural:	No
Neighborhood - Suburban:	No
Neighborhood - Other - Check Box:	No
Neighborhood - Other - Describe:	Not reported
Neighborhood - Urban:	No
Lab Status - Operational, Not In Production:	No
Lab Status - Operational, In Production:	No
Lab Status - Abandoned:	No
Lab Status - Boxed Or Dismantled:	No
Lab Status - Fire Or Explosion:	No
Lab Status - Other, Check Box:	No
Lab Status - Other, Describe:	Not reported
Lab Mfg Proc-Ephedrin,RedP,HydriodicAcidAnd/OrIodineReduction:	No
LMP-Pseudoephedrin, RedP,HydriodicAcid And/Or Iodine Reduction:	No
Lab Mfg Process-P2p / Methylamine:	No
Lab Mfg Process-Hydrogenation:	No
LMP-Ephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,AnhydrousAmmonia:	No
LMP-Pseudoephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,An Ammonia:	No

(Continued) **S109683096**

Lab Mfg Process-Hydriodic Acid Method:	No
Lab Mfg Process-Anhydrous Ammonia Manufacturing:	No
Lab Mfg Process-Ephedrine Tablet Extraction:	No
Lab Mfg Process-Pseudoephedrine Tablet Extraction:	No
Lab Mfg Process-Other, Describe:	No
Lab Mfg Process-Other, Describe:	Not reported
Lab Type - Amphetamine:	0
Lab Type - Hydriodic Acid:	0
Lab Type - Tablet Extraction:	0
Lab Type - GHB:	0
Lab Type - Anhydrous Ammonia:	0
Lab Type - MDMA:	0
Lab Type - Methamphetamine:	0
Lab Type - Methcathinone:	0
Lab Type - PCP:	0
Lab Type - Other, Describe:	0
Lab Type - Other, Describe:	Not reported
Method Waste Disposal Cook Used.Poured Down Drains,etc.:	Not reported
Was There A Fire?:	No
Was There An Explosion?:	No
Was Anyone Injured?:	No
Were There Any Deaths?:	No
Other Than Lab Itself, Was There Evacuation Due To Hazard?:	No
Was A Chemist On Site? State Or Local.:	No
Was A Chemist On Site? Dea Or Dea Contractor:	No
Did The Leo Perform Removal?:	No
Was A Hazmat Contractor Used?:	No
Name Of Hm Contractor Used.:	Not reported
Remarks:	Not reported

1022 **R H MOORE COMPANY INCORPORATED** **ECHO** **1007245003**
Target **10601 HIGHWAY 707** **N/A**
Property **MURRELLS INLET, SC 29576**

Actual:
12 ft.
Focus Map:
43

ECHO:

Envid:	1007245003
Registry ID:	110017168429
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110017168429
Name:	R H MOORE COMPANY INCORPORATED
Address:	10601 HIGHWAY 707
City,State,Zip:	MURRELLS INLET, SC 29576

1023 **CIRCLE K 2720403** **LUST** **U004256098**
Target **2005 US 17 BUESINESS S** **UST** **N/A**
Property **GARDEN CITY, SC**

Actual:
22 ft.
Focus Map:
44

LUST:

Name:	CIRCLE K 2720403
Address:	2005 US 17 BUESINESS S
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	1
Facility ID:	05203
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported

CIRCLE K 2720403 (Continued) **U004256098**

Tank Owner First name:	Not reported
NFA Date:	03/18/1998
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	03/07/1997
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	STEPPAK
Cleanup Initiated Date:	02/12/1998
Prefix:	Not reported
Total Score:	Not reported

Name:	CIRCLE K 2720403
Address:	2005 US 17 BUESINESS S
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	2
Facility ID:	05203
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	10/26/2016
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MENDENJE
Cleanup Initiated Date:	11/22/2016
Prefix:	Not reported
Total Score:	32

UST:

Name:	CIRCLE K 2720403
Address:	2005 US 17 BUESINESS S
City:	GARDEN CITY
Facility ID:	05203
Permit:	R 05203
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1

CIRCLE K 2720403 (Continued) **U004256098**

Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5
Name:	CIRCLE K 2720403
Address:	2005 US 17 BUESINESS S
City:	GARDEN CITY
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5
Name:	CIRCLE K 2720403
Address:	2005 US 17 BUESINESS S
City:	GARDEN CITY
Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

1024 **MYRTLE BEACH CLEANERS & LDRY** **EDR Hist Cleaner** **1020046429**
Target **889 GARDEN CITY CONNECTOR** **N/A**
Property **MURRELLS INLET, SC 29576**

EDR Hist Cleaner

Actual:
20 ft.
Focus Map:
43

Year:	Name:	Type:
2001	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2002	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2003	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2004	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2005	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2006	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2007	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2008	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC
2009	MYRTLE BEACH CLEANERS & LDRY	Drycleaning Plants, Except Rugs, NEC

HQ1025 **SAND DOLLAR DRY CLEANERS** **EDR Hist Cleaner** **1019932419**
Target **2138 S HIGHWAY 17** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 1 of 4 in cluster HQ

Actual:
20 ft.

EDR Hist Cleaner

Focus Map:
44

Year:	Name:	Type:
2003	SAND DOLLAR DRY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	SAND DOLLAR DRY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2005	SAND DOLLAR DRY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2005	ATLANTIC COAST CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2006	ATLANTIC COAST CLEANERS INC	Drycleaning Plants, Except Rugs, NEC

SAND DOLLAR DRY CLEANERS (Continued) **1019932419**

2007 ATLANTIC COAST CLEANERS INC Drycleaning Plants, Except Rugs, NEC

HQ1026 **ATLANTIC COAST CLEANERS/FMR SAND DOLLAR** **SHWS** **S106704466**
Target **2138 HWY 17** **N/A**
Property **GARDEN CITY, SC 29576**

Site 2 of 4 in cluster HQ

Actual:
20 ft.
Focus Map:
44

SHWS:
Name: ATLANTIC COAST CLEANERS/FMR SAND DOLLAR
Address: 2138 HWY 17
City,State,Zip: GARDEN CITY, SC 29576
EPA ID: SCDRY0057160

HQ1027 **ATLANTIC COAST CLEANERS/FMR SAND** **DRYCLEANERS** **S121477259**
Target **2138 HWY 17** **N/A**
Property **GARDEN CITY, SC**

Site 3 of 4 in cluster HQ

Actual:
20 ft.
Focus Map:
44

Drycleaners:
BLWM Number: 57160
Rank: III
Priority Group Explanation: III

HQ1028 **SAND DOLLAR DRY CLEANERS** **EDR Hist Cleaner** **1020080710**
Target **2138 HIGHWAY 17** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 4 of 4 in cluster HQ

Actual:
20 ft.
Focus Map:
44

EDR Hist Cleaner

Year:	Name:	Type:
2002	SAND DOLLAR DRY CLEANERS	Drycleaning Plants, Except Rugs, NEC

1029 **AMERI KOOL INC** **ECHO** **1000875745**
Target **11690 HWY 17 BYPASS** **SC0000053710**
Property **MURRELLS INLET, SC 29576**

Actual:
20 ft.
Focus Map:
43

ECHO:
Envid: 1000875745
Registry ID: 110002248265
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002248265
Name: AMERI KOOL INC
Address: 11690 HWY 17 BYPASS
City,State,Zip: MURRELLS INLET, SC 29576

HR1030 **JAMES CLEANERS & TAILOR SHOP** **EDR Hist Cleaner** **1020011993**
Target **2428 HIGHWAY 17** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 1 of 2 in cluster HR

Actual:
19 ft.

EDR Hist Cleaner

Focus Map:
44

Year:	Name:	Type:
1999	JAMES CLEANERS & TAILOR SHOP	Drycleaning Plants, Except Rugs

---

HR1031 **JAMES CLEANERS & TAILOR SHOP** **EDR Hist Cleaner** **1020011994**
Target **2428 S HIGHWAY 17** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 2 of 2 in cluster HR

Actual:
19 ft.

EDR Hist Cleaner

Focus Map:
44

Year:	Name:	Type:
2008	JAMES CLEANERS & TAILOR SHOP	Drycleaning Plants, Except Rugs

---

1032 **BULL MART 4** **LUST** **U004256099**
Target **2464 HWY 17 S** **UST** **N/A**
Property **GARDEN CITY, SC**

Actual:
20 ft.

Focus Map:
44

LUST:

Name:	BULL MART 4
Address:	2464 HWY 17 S
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	2
Facility ID:	05215
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	ANDERSON, HERBERT
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	05/23/2007
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	08/24/2004
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	09/09/2004
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	08/24/2004
Cleanup Complete Date:	03/19/2007
Depth to Ground Water:	9
Ground Water Flow Direction:	SE

BULL MART 4 (Continued) **U004256099**

Release Number:	2
Confirmed date:	09/09/2004
RP Name:	ANDERSON
RP Address:	3366 W PALMETTO ST
RP City:	FLORENCE
RP State:	SC
RP Zip:	29501
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	W25

UST:

Name:	BULL MART 4
Address:	2464 HWY 17 S
City:	GARDEN CITY
Facility ID:	05215
Permit:	R 05215
Owner:	ANDERSON, HERBERT S
Owner Address:	3366 W PALMETTO ST
Owner City, st, zip:	FLORENCE SC 29501
Owner Phone:	843-495-0628
Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	10
Name:	BULL MART 4
Address:	2464 HWY 17 S
City:	GARDEN CITY
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

1033
Target
Property

PLANTATION SHUTTER CO
11750 HWY 17 BYPASS
MURRELLS INLET, SC 29576

RCRA-VSQG **1004779800**
ECHO **SC0000630277**

Actual:
20 ft.

Focus Map:
43

RCRA Listings:

Date Form Received by Agency:	1994-08-05 00:00:00.0
Handler Name:	PLANTATION SHUTTER CO
Handler Address:	11750 HWY 17 BYPASS
Handler City,State,Zip:	MURRELLS INLET, SC 29576
EPA ID:	SC0000630277
Contact Name:	BARBARA LACKS
Contact Address:	HWY 17 BYPASS
Contact City,State,Zip:	MURRELLS INLET, SC 29576
Contact Telephone:	999-999-9999
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04

PLANTATION SHUTTER CO (Continued) **1004779800**

Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	HWY 17 BYPASS
Mailing City,State,Zip:	MURRELLS INLET, SC 29576
Owner Name:	W DERRICK TEMPLE
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

PLANTATION SHUTTER CO (Continued) **1004779800**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	W DERRICK TEMPLE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11750 HWY 17 BYPASS
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-08-05 00:00:00.0
Handler Name:	PLANTATION SHUTTER CO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

PLANTATION SHUTTER CO (Continued) **1004779800**

No Evaluations Found:

ECHO:

Envid:	1004779800
Registry ID:	110002193769
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193769
Name:	PLANTATION SHUTTER CO
Address:	11750 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576

HS1034 **KMART 3763** **RCRA-VSQG** **1012188331**
Target **10125 HWY 17 BYPASS** **SCR000770917**
Property **MYRRELLS INLET, SC 29576**

Site 1 of 2 in cluster HS

Actual:
20 ft.

Focus Map:
43

RCRA Listings:

Date Form Received by Agency:	2014-01-16 00:00:00.0
Handler Name:	KMART 3763
Handler Address:	10125 HWY 17 BYPASS
Handler City,State,Zip:	MYRRELLS INLET, SC 29576
EPA ID:	SCR000770917
Contact Name:	ROBYN WEST
Contact Address:	BEVERLY RD B5 348A
Contact City,State,Zip:	HOFFMAN ESTATES, IL 60179
Contact Telephone:	847-286-0037
Contact Fax:	Not reported
Contact Email:	ROBYN.WEST@SEARSHC.COM
Contact Title:	EV SPECIALIST
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	BEVERLY RD B5 348A
Mailing City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner Name:	KMART CORP
Owner Type:	Private
Operator Name:	KMART 3763
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

KMART 3763 (Continued) **1012188331**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-02-19 14:14:40.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

KMART 3763 (Continued) **1012188331**

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: KMART CORP
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3333 BEVERLY RD
Owner/Operator City,State,Zip: HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KMART 3763
Legal Status: Private
Date Became Current: 2009-03-23 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 10125 HWY 17 BYPASS
Owner/Operator City,State,Zip: MURRELLS INLET, SC 29576
Owner/Operator Telephone: 843-651-7741
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KMART 3763
Legal Status: Private
Date Became Current: 2009-03-23 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3333 BEVERLY RD
Owner/Operator City,State,Zip: HOFFMAN ESTATES, IL 60179

KMART 3763 (Continued) **1012188331**

Owner/Operator Telephone:	847-286-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KMART CORP
Legal Status:	Private
Date Became Current:	2009-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3333 BEVERLY RD
Owner/Operator City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone:	847-286-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KMART CORP
Legal Status:	Private
Date Became Current:	2009-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3333 BEVERLY RD
Owner/Operator City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone:	847-286-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KMART CORP
Legal Status:	Private
Date Became Current:	2009-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3333 BEVERLY RD
Owner/Operator City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone:	847-286-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KMART CORP
Legal Status:	Private
Date Became Current:	2009-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3333 BEVERLY RD
Owner/Operator City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone:	847-286-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KMART 3763
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.

KMART 3763 (Continued) **1012188331**

Date Ended Current:	Not reported
Owner/Operator Address:	3333 BEVERLY RD
Owner/Operator City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KMART 3763
Legal Status:	Private
Date Became Current:	2009-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3333 BEVERLY RD
Owner/Operator City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone:	847-286-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KMART 3763
Legal Status:	Private
Date Became Current:	2009-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3333 BEVERLY RD
Owner/Operator City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner/Operator Telephone:	847-286-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-01-01 00:00:00.0
Handler Name:	KMART 3763
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-23 00:00:00.0
Handler Name:	KMART 3763
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

KMART 3763 (Continued) **1012188331**

Electronic Manifest Broker:	Not reported
Receive Date:	2010-03-31 00:00:00.0
Handler Name:	KMART 3763
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-08-02 00:00:00.0
Handler Name:	KMART 3763
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-16 00:00:00.0
Handler Name:	KMART 3763
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	452990
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

KMART 3763 (Continued) **1012188331**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2009-05-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: SCMM
Evaluation Responsible Sub-Organization: WM
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

HS1035	**KMART 3763**	**ECHO**	**1012095348**
Target	**10125 HWY 17 BYPASS**		**N/A**
Property	**MURRELLS INLET, SC 29576**		

Site 2 of 2 in cluster HS

Actual:
20 ft.

Focus Map:
43

ECHO:

Envid:	1012095348
Registry ID:	110038856128
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110038856128
Name:	KMART 3763
Address:	10125 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576

1036	**JIFFY LUBE**	**EDR Hist Auto**	**1020287094**
Target	**11772 HIGHWAY 17 BYP**		**N/A**
Property	**MURRELLS INLET, SC 29576**		

EDR Hist Auto

Actual:
20 ft.

Focus Map:
43

Year:	Name:	Type:
2011	JIFFY LUBE	Automotive Maintenance Services
2012	JIFFY LUBE	Automotive Maintenance Services
2013	JIFFY LUBE	Automotive Maintenance Services
2014	SHELL RAPID LUBE MAIN OFFICE	Gasoline Service Stations, NEC
2014	JIFFY LUBE	Automotive Maintenance Services

HT1037	**WALMART SUPERCENTER 5705**	**RCRA-SQG**	**1014401320**
Target	**545 GARDEN CITY CONNECTOR**		**SCR000772152**
Property	**GARDEN CITY, SC 29576**		

Site 1 of 2 in cluster HT

Actual:
19 ft.

Focus Map:
44

RCRA Listings:

Date Form Received by Agency:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Handler Address:	545 GARDEN CITY CONNECTOR
Handler City,State,Zip:	GARDEN CITY, SC 29576
EPA ID:	SCR000772152
Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	CASSIE.CLARK@WALMART.COM
Contact Title:	SENIOR MGR
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	WALMART STORES EAST LP

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Owner Type:	Private
Operator Name:	WALMART STORES EAST LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-20 15:28:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Sub-Part P Indicator: Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2010-09-10 00:00:00.

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2010-09-10 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-3517
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2010-09-10 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-3517
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2010-09-10 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-3517
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2010-09-10 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-204-3517
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALMART STORES EAST LP
Legal Status: Private
Date Became Current: 2010-09-10 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALMART STORES EAST LP
Legal Status:	Private
Date Became Current:	2010-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-204-3517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-09-10 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-31 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Electronic Manifest Broker:	Not reported
Receive Date:	2012-12-21 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-29 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-23 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-27 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

WALMART SUPERCENTER 5705 (Continued) **1014401320**

State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-06-10 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-08-16 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-01-24 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WALMART SUPERCENTER 5705
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 11111
NAICS Description: SOYBEAN FARMING

NAICS Code: 452311
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 452910
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2010-09-20 00:00:00.0

WALMART SUPERCENTER 5705 (Continued) **1014401320**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HT1038 **WALMART SUPERCENTER 5705** **ECHO** **1016028904**
Target **545 GARDEN CITY CONNECTOR** **N/A**
Property **GARDEN CITY, SC 29576**

Site 2 of 2 in cluster HT

Actual:
19 ft.

Focus Map:
44

ECHO:

Envid:	1016028904
Registry ID:	110044992611
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044992611
Name:	WALMART SUPERCENTER 5705
Address:	545 GARDEN CITY CONNECTOR
City,State,Zip:	GARDEN CITY, SC 29576

1039 **SURFMASTER CONDOMINIUMS** **UST** **U004154217**
Target **1620 N WACCAMAW DR** **N/A**
Property **GARDEN CITY, SC**

Actual:
6 ft.

Focus Map:
44

UST:

Name:	SURFMASTER CONDOMINIUMS
Address:	1620 N WACCAMAW DR
City:	GARDEN CITY
Facility ID:	12600
Permit:	P 12600
Owner:	SURFMASTER CONDOMINIUMS
Owner Address:	1620 N WACCAMAW DR
Owner City, st, zip:	GARDEN CITY SC 29576-9097
Owner Phone:	843-685-6968
Tank ID:	1
Status:	**Abandoned**
Capacity:	550
Product:	Diesel fuel
Calcage:	0
Name:	SURFMASTER CONDOMINIUMS
Address:	1620 N WACCAMAW DR
City:	GARDEN CITY
Tank ID:	2
Status:	**Abandoned**
Capacity:	550
Product:	Diesel fuel

SURFMASTER CONDOMINIUMS (Continued) **U004154217**

Calcage: 0

HU1040 **MURPHY OIL USA INC** **EDR Hist Auto** **1022197131**
Target **2700 S HWY 17 BUSINESS** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 1 of 2 in cluster HU

Actual:
19 ft.

Focus Map:
44

EDR Hist Auto

Year:	Name:	Type:
2013	MURPHY OIL USA INC	Gasoline Service Stations
2014	MURPHY OIL USA INC	Gasoline Service Stations

HU1041 **MURPHY EXPRESS 8663** **UST** **U004179520**
Target **2700 S HWY 17 BUS** **N/A**
Property **GARDEN CITY, SC**

Site 2 of 2 in cluster HU

Actual:
19 ft.

Focus Map:
44

UST:

Name: MURPHY EXPRESS 8663
Address: 2700 S HWY 17 BUS
City: GARDEN CITY
Facility ID: 19553
Permit: P 19553
Owner: MURPHY OIL USA INC
Owner Address: 200 E PEACH ST
Owner City, st, zip: EL DORADO AR 71730
Owner Phone: 870-875-7600

Tank ID: 1
Status: **Currently in Use**
Capacity: 20000
Product: Gasoline RUL
Calcage: 0

Name: MURPHY EXPRESS 8663
Address: 2700 S HWY 17 BUS
City: GARDEN CITY

Tank ID: 2
Status: **Currently in Use**
Capacity: 20000
Product: Multiple petroleum
Calcage: 0

1042 Target Property	**CREMATION SERVICES OF THE STRAND LLC 576 CYPRESS AVE GARDEN CITY, SC 29576**	**ECHO**	**1005602680 N/A**

Actual: 17 ft.
Focus Map: 44

ECHO:

Envid:	1005602680
Registry ID:	110001675376
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001675376
Name:	CREMATION SERVICES OF THE STRAND LLC
Address:	576 CYPRESS AVE
City,State,Zip:	GARDEN CITY, SC 29576

1043 Target Property	**GARDEN CITY 66 RT 2 PO BOX 570 GARDEN CITY, SC**	**LUST UST GWCI**	**U003521643 N/A**

Actual: 19 ft.
Focus Map: 44

LUST:

Name:	GARDEN CITY 66
Address:	RT 2 PO BOX 570
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	1
Facility ID:	04987
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	GARDEN CITY 66
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/29/2004
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/11/1990
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	CLYMERWR
Cleanup Initiated Date:	02/04/1991
Prefix:	Not reported
Total Score:	26

LUST:

Release Date:	07/11/1990
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	02/04/1991
RP Name:	GARDEN CITY 66
RP Address:	RT 2 PO BOX 570
RP City:	GARDEN CITY
RP State:	SC
RP Zip:	29576
SCRBCA Class Code:	CLASS2BB
Project Manager:	CLYMER, WESLEY
Release Fin Type Code:	DS

GARDEN CITY 66 (Continued) **U003521643**

UST:

Name:	GARDEN CITY 66
Address:	RT 2 PO BOX 570
City:	GARDEN CITY
Facility ID:	04987
Permit:	N 04987
Owner:	GARDEN CITY 66
Owner Address:	RT 2 PO BOX 570
Owner City, st, zip:	GARDEN CITY SC 29576
Owner Phone:	- -
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	GARDEN CITY 66
Address:	RT 2 PO BOX 570
City:	GARDEN CITY
Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	10
Name:	GARDEN CITY 66
Address:	RT 2 PO BOX 570
City:	GARDEN CITY
Tank ID:	3
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	10
Name:	GARDEN CITY 66
Address:	RT 2 PO BOX 570
City:	GARDEN CITY
Tank ID:	4
Status:	**Abandoned**
Capacity:	1000
Product:	Diesel fuel
Calcage:	10
Name:	GARDEN CITY 66
Address:	RT 2 PO BOX 570
City:	GARDEN CITY
Tank ID:	5
Status:	**Abandoned**
Capacity:	Not reported
Product:	Kerosene
Calcage:	25

GARDEN CITY 66 (Continued) **U003521643**

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	04987
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 04987. RBCA Classification 2BB3. Monitored Natural Attenuation.

1044 **LOWES FOODS LLC STORE 233** **UST** **U004140927**
Target **11903 HWY 707** **N/A**
Property **MURRELLS INLET, SC**

Actual:
16 ft.

Focus Map:
43

UST:

Name:	LOWES FOODS LLC STORE 233
Address:	11903 HWY 707
City:	MURRELLS INLET
Facility ID:	19470
Permit:	P 19470
Owner:	LOWES FOODS LLC
Owner Address:	1381 OLD MILL CIR STE 200
Owner City, st, zip:	WINSTON SALEM NC 27103-1497
Owner Phone:	336-775-3017
Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000

LOWES FOODS LLC STORE 233 (Continued) **U004140927**

Product:	Gasoline RUL
Calcage:	0
Name:	LOWES FOODS LLC STORE 233
Address:	11903 HWY 707
City:	MURRELLS INLET
Tank ID:	2
Status:	**Currently in Use**
Capacity:	22000
Product:	Multiple petroleum
Calcage:	0

1045 **DYNAMIC GLASSING** **RCRA-VSQG** **1004780290**
Target **601 BOUNDRY RD.** **ECHO** **SCD982144404**
Property **GARDEN CITY, SC 29576**

Actual:
18 ft.

Focus Map:
44

RCRA Listings:

Date Form Received by Agency:	1997-07-02 00:00:00.0
Handler Name:	DYNAMIC GLASSING
Handler Address:	601 BOUNDRY RD.
Handler City,State,Zip:	GARDEN CITY, SC 29576
EPA ID:	SCD982144404
Contact Name:	JAMES TUTTLE
Contact Address:	PO BOX 14732
Contact City,State,Zip:	SURFSIDE BEACH, SC 29587
Contact Telephone:	999-999-9999
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 14732
Mailing City,State,Zip:	SURFSIDE BEACH, SC 29587
Owner Name:	JAMES TUTTLE
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

DYNAMIC GLASSING (Continued) **1004780290**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL

DYNAMIC GLASSING (Continued) **1004780290**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES TUTTLE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 BOUNDARY RD
Owner/Operator City,State,Zip:	GARDEN CITY, SC 29576
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-07-02 00:00:00.0
Handler Name:	DYNAMIC GLASSING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1004780290
Registry ID:	110002193910
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002193910
Name:	DYNAMIC GLASSING
Address:	601 BOUNDRY RD
City,State,Zip:	GARDEN CITY, SC 29576

1046 FORMER KRISPY KREME **LUST U004292047**
Target 2856 HWY 17 S **UST N/A**
Property GARDEN CITY, SC

Actual:
19 ft.

Focus Map:
43

LUST:

Name:	FORMER KRISPY KREME
Address:	2856 HWY 17 S
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	1
Facility ID:	19367
Release Status Number:	3
Substance:	PETROL
Tank Owner Company Name:	KRISPY KREME
Tank Owner Last Name:	KRISPY KREME
Tank Owner First name:	Not reported
NFA Date:	11/10/2014
Tank Owner City:	GARDEN CITY
Confirmed Date:	02/19/2008
Release Date:	10/15/2007
EID:	37842011
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	RSARA
Qualified:	N
Release Source:	UST
Local Fac Last Name:	FORMER KRISPY KREME
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	02/19/2008
Prefix:	U
Total Score:	79

LUST:

Release Date:	10/15/2007
Cleanup Complete Date:	Not reported
Depth to Ground Water:	9.310
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	02/19/2008
RP Name:	ORPHAN KRISPY KREME
RP Address:	8956 US HWY 17S
RP City:	GARDEN CITY
RP State:	SC
RP Zip:	29576
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	RSARA

UST:

Name:	FORMER KRISPY KREME
Address:	2856 HWY 17 S
City:	GARDEN CITY
Facility ID:	19367
Permit:	U 19367
Owner:	KRISPY KREME
Owner Address:	8956 US HWY 17S
Owner City, st, zip:	GARDEN CITY SC 29576
Owner Phone:	Not reported

FORMER KRISPY KREME (Continued) **U004292047**

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	40
Name:	FORMER KRISPY KREME
Address:	2856 HWY 17 S
City:	GARDEN CITY
Tank ID:	2
Status:	**Abandoned**
Capacity:	8000
Product:	Gasoline
Calcage:	40
Name:	FORMER KRISPY KREME
Address:	2856 HWY 17 S
City:	GARDEN CITY
Tank ID:	3
Status:	**Abandoned**
Capacity:	550
Product:	Waste oil, burnt oil, used oil
Calcage:	40
Name:	FORMER KRISPY KREME
Address:	2856 HWY 17 S
City:	GARDEN CITY
Tank ID:	4
Status:	**Abandoned**
Capacity:	550
Product:	Fuel oil
Calcage:	40

1047 **INLET CLEANERS** **EDR Hist Cleaner** **1018933523**
Target **4 INLET CIR** **N/A**
Property **MURRELLS INLET, SC 29576**

EDR Hist Cleaner

Actual:
20 ft.

Focus Map:
43

Year:	Name:	Type:
1994	INLET CLEANERS	Garment Pressing And Cleaners' Agents
1995	INLET CLEANERS	Garment Pressing And Cleaners' Agents
1996	INLET CLEANERS	Garment Pressing And Cleaners' Agents
1997	INLET CLEANERS	Garment Pressing And Cleaners' Agents
1998	INLET CLEANERS	Garment Pressing And Cleaners' Agents
1999	INLET CLEANERS	Garment Pressing And Cleaners' Agents

HV1048 Target Property	**CVS PHARMACY 8936 101 FOUNDERS BAY RD MURRELLS INLET, SC 29576**	**RCRA-VSQG**	**1014961156 SCR000773598**

Site 1 of 2 in cluster HV

Actual:
17 ft.

Focus Map:
43

RCRA Listings:

Date Form Received by Agency:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 8936
Handler Address:	101 FOUNDERS BAY RD
Handler City,State,Zip:	MURRELLS INLET, SC 29576-8089
EPA ID:	SCR000773598
Contact Name:	NICOLE WILKINSON
Contact Address:	ONE CVS DR
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	CVS PHARMACY INC
Owner Type:	Private
Operator Name:	SC CVS PHARMACY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CVS PHARMACY 8936 (Continued) **1014961156**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-15 13:44:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008

CVS PHARMACY 8936 (Continued) **1014961156**

Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P012
Waste Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P108
Waste Description: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: P204

CVS PHARMACY 8936 (Continued) **1014961156**

Waste Description: PHYSOSTIGMINE (OR) PYRROLO[2,3-B]INDOL-5-OL, 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYL-METHYLCARBAMATE (ESTER), (3AS-CIS)-

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U012
Waste Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U070
Waste Description: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

CVS PHARMACY 8936 (Continued) **1014961156**

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U204
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206
Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2009-12-31 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.

CVS PHARMACY 8936 (Continued) **1014961156**

Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

CVS PHARMACY 8936 (Continued) **1014961156**

Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CVS PHARMACY INC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SC CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 2012-05-07 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: ONE CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

CVS PHARMACY 8936 (Continued) **1014961156**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 8936
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	2012-05-07 00:00:00.0
Handler Name:	CVS PHARMACY 8936
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-31 00:00:00.0
Handler Name:	CVS PHARMACY 8936
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-20 00:00:00.0
Handler Name:	CVS PHARMACY 8936
Federal Waste Generator Description:	Small Quantity Generator

CVS PHARMACY 8936 (Continued) **1014961156**

State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-12-18 00:00:00.0
Handler Name:	CVS PHARMACY 8936
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-01-25 00:00:00.0
Handler Name:	CVS PHARMACY 8936
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2018-11-28 00:00:00.0
Actual Return to Compliance Date:	2019-01-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2018-12-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

CVS PHARMACY 8936 (Continued) **1014961156**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2018-11-28 00:00:00.0
Actual Return to Compliance Date:	2019-01-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

CVS PHARMACY 8936 (Continued) **1014961156**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2018-11-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2019-01-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-11-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2019-01-15 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HV1049 **CVS PHARMACY 8936** **ECHO** **1016034099**
Target **101 FOUNDERS BAY RD** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 2 of 2 in cluster HV

Actual:
17 ft.
Focus Map:
43

ECHO:

Envid:	1016034099
Registry ID:	110045562164
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045562164
Name:	CVS PHARMACY 8936
Address:	101 FOUNDERS BAY RD
City,State,Zip:	MURRELLS INLET, SC 29576

1050
Target Property
433 BELLE DR
GARDEN CITY, SC

CDL **S113669503**
N/A

Actual: **13 ft.**
Focus Map: **44**

CDL 2:

Name:	Not reported
Address:	433 BELLE DR
City,State,Zip:	GARDEN CITY, SC
Date Seized:	01/11/2013
Facility Detail:	Not reported
Lab Address:	433 Belle DrGarden City, SC
Lat/Longitude:	Not reported
Police Agency Name:	Horry County DEU
Lab Number:	Not reported
Children Present:	Not reported
Lab Type:	Not reported
Contractor Name:	Not reported
Invoice Amount:	Not reported
Was NPLEX Used:	Not reported
Num Child:	Not reported
Structure:	Not reported

1051
Target Property
ROSE FAMILY PROPERTIES
940 INLET SQUARE DR
GARDEN CITY, SC

LUST **UST** **GWCI** **U003629325**
N/A

Actual: **20 ft.**
Focus Map: **43**

LUST:

Name:	ROSE FAMILY PROPERTIES
Address:	940 INLET SQUARE DR
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	1
Facility ID:	10758
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	ROSE FAMILY PROPERTIES L
Tank Owner Last Name:	GPM SOUTHEAST LLC
Tank Owner First name:	Not reported
NFA Date:	09/26/2008
Tank Owner City:	RICHMOND
Confirmed Date:	03/18/1992
Release Date:	12/11/1991
EID:	1761224
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 3146
Local Fac First Name:	Not reported
User Name:	RIDGLECT
Cleanup Initiated Date:	03/18/1992
Prefix:	P
Total Score:	2

LUST:

Release Date:	12/11/1991
Cleanup Complete Date:	09/26/2008
Depth to Ground Water:	2.890
Ground Water Flow Direction:	NW
Release Number:	1

ROSE FAMILY PROPERTIES (Continued) **U003629325**

Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

Name:	ROSE FAMILY PROPERTIES
Address:	940 INLET SQUARE DR
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	2
Facility ID:	10758
Release Status Number:	8
Substance:	PETROL
Tank Owner Company Name:	ROSE FAMILY PROPERTIES L
Tank Owner Last Name:	GPM SOUTHEAST LLC
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	RICHMOND
Confirmed Date:	03/18/1992
Release Date:	05/23/2017
EID:	1761224
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 3146
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	07/14/2017
Prefix:	P
Total Score:	1083

LUST:

Release Date:	12/11/1991
Cleanup Complete Date:	09/26/2008
Depth to Ground Water:	2.890
Ground Water Flow Direction:	NW
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	RIDGLEY, CATHLEEN T
Release Fin Type Code:	WS

UST:

Name:	ROSE FAMILY PROPERTIES

ROSE FAMILY PROPERTIES (Continued) **U003629325**

Address:	940 INLET SQUARE DR
City:	GARDEN CITY
Facility ID:	10758
Permit:	P 10758
Owner:	ROSE FAMILY PROPERTIES LLC
Owner Address:	203 COUNTRYCLUB RD
Owner City, st, zip:	JACKSONVILLE NC 28546
Owner Phone:	910-455-4424

Tank ID:	1
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0

Name:	ROSE FAMILY PROPERTIES
Address:	940 INLET SQUARE DR
City:	GARDEN CITY

Tank ID:	2
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0

Name:	ROSE FAMILY PROPERTIES
Address:	940 INLET SQUARE DR
City:	GARDEN CITY

Tank ID:	3
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline Super/Prem
Calcage:	0

Name:	ROSE FAMILY PROPERTIES
Address:	940 INLET SQUARE DR
City:	GARDEN CITY

Tank ID:	4
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10758
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False

ROSE FAMILY PROPERTIES (Continued) **U003629325**

Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 10758. RBCA Classification 3BF8. Awaiting Funding.

1052 **KROGER FUEL CTR 025** **UST** **U004135883**
Target **2939 HWY 17 S** **N/A**
Property **GARDEN CITY, SC**

Actual:
19 ft.

Focus Map:
43

UST:

Name:	KROGER FUEL CTR 025
Address:	2939 HWY 17 S
City:	GARDEN CITY
Facility ID:	19461
Permit:	P 19461
Owner:	THE KROGER CO
Owner Address:	2175 PARKLAKE DR NE
Owner City, st, zip:	ATLANTA GA 30345
Owner Phone:	770-496-3094

Tank ID:	1
Status:	**Currently in Use**
Capacity:	20000
Product:	Gasoline RUL
Calcage:	0

Name:	KROGER FUEL CTR 025
Address:	2939 HWY 17 S
City:	GARDEN CITY

Tank ID:	2
Status:	**Currently in Use**
Capacity:	18000
Product:	Multiple petroleum
Calcage:	0

HW1053 **WAL-MART NEIGHBORHOOD MARKET #3442** **RCRA-VSQG** **1018281935**
Target **11980 HIGHWAY 17 BYPASS** **ECHO** **SCR000782110**
Property **MURRELLS INLET, SC 29576**

Site 1 of 2 in cluster HW

Actual:
21 ft.

Focus Map:
43

RCRA Listings:

Date Form Received by Agency:	2019-01-22 00:00:00.0
Handler Name:	WAL-MART NEIGHBORHOOD MARKET #3442
Handler Address:	11980 HIGHWAY 17 BYPASS
Handler City,State,Zip:	MURRELLS INLET, SC 29576
EPA ID:	SCR000782110
Contact Name:	CASSIE CLARK
Contact Address:	PO BOX 8041
Contact City,State,Zip:	BENTONVILLE, AR 72712-8041
Contact Telephone:	479-204-6188
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR MANAGER
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 8041
Mailing City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner Name:	WA-MART STORES EAST LP
Owner Type:	Private
Operator Name:	WA-MART STORES EAST LP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

WAL-MART NEIGHBORHOOD MARKET #3442 (Continued) **1018281935**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-21 10:32:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD

WAL-MART NEIGHBORHOOD MARKET #3442 (Continued) **1018281935**

Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)

WAL-MART NEIGHBORHOOD MARKET #3442 (Continued) **1018281935**

Waste Code:	U034
Waste Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Waste Code:	U035
Waste Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code:	U058
Waste Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U089
Waste Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U150
Waste Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U169
Waste Description:	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U200
Waste Description:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
Waste Code:	U205
Waste Description:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U249

WAL-MART NEIGHBORHOOD MARKET #3442 (Continued) **1018281935**

Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U409
Waste Description: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: WA-MART STORES EAST LP
Legal Status: Private
Date Became Current: 2016-02-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-258-6810
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WA-MART STORES EAST LP
Legal Status: Private
Date Became Current: 2016-02-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-258-6810
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WA-MART STORES EAST LP
Legal Status: Private
Date Became Current: 2016-02-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-258-6810
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WA-MART STORES EAST LP
Legal Status: Private
Date Became Current: 2016-02-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 8041
Owner/Operator City,State,Zip: BENTONVILLE, AR 72712-8041
Owner/Operator Telephone: 479-258-6810

WAL-MART NEIGHBORHOOD MARKET #3442 (Continued) **1018281935**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2016-02-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-258-6810
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA-MART STORES EAST LP
Legal Status:	Private
Date Became Current:	2016-02-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 8041
Owner/Operator City,State,Zip:	BENTONVILLE, AR 72712-8041
Owner/Operator Telephone:	479-258-6810
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-02-03 00:00:00.0
Handler Name:	WAL-MART NEIGHBORHOOD MARKET #3442
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-06-10 00:00:00.0
Handler Name:	WAL-MART NEIGHBORHOOD MARKET #3442
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-01-22 00:00:00.0
Handler Name:	WAL-MART NEIGHBORHOOD MARKET #3442

WAL-MART NEIGHBORHOOD MARKET #3442 (Continued) **1018281935**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	452311
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS
NAICS Code:	452910
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

ECHO:

Envid:	1018281935
Registry ID:	110067423112
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067423112
Name:	WAL-MART NEIGHBORHOOD MARKET #3442
Address:	11980 HIGHWAY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576

1054
Target
Property

S STRAND CUSTOMER SERV COMPLEX
900 INLET SQUARE DR
MURRELLS INLET, SC

LUST
UST
GWCI

U003628299
N/A

Actual:
19 ft.

Focus Map:
43

LUST:

Name:	S STRAND CUSTOMER SERV COMPLEX
Address:	900 INLET SQUARE DR
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	10811
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	SANTEE COOPER
Tank Owner Last Name:	SANTEE COOPER
Tank Owner First name:	Not reported
NFA Date:	01/09/1997
Tank Owner City:	MONCKS CORNER
Confirmed Date:	01/30/2004
Release Date:	09/07/1990
EID:	6442586
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF

S STRAND CUSTOMER SERV COMPLEX (Continued) **U003628299**

Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	S STRAND CUSTOMER SERV COMPLEX
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	09/14/1990
Prefix:	P
Total Score:	0

LUST:

Release Date:	10/09/2003
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.660
Ground Water Flow Direction:	E
Release Number:	2
Confirmed date:	01/30/2004
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	09/07/1990
Cleanup Complete Date:	01/09/1997
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/14/1990
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS5A
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	W25

Name:	S STRAND CUSTOMER SERV COMPLEX
Address:	900 INLET SQUARE DR
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	2
Facility ID:	10811
Release Status Number:	3
Substance:	PETROL
Tank Owner Company Name:	SANTEE COOPER
Tank Owner Last Name:	SANTEE COOPER
Tank Owner First name:	Not reported
NFA Date:	07/20/2017
Tank Owner City:	MONCKS CORNER
Confirmed Date:	01/30/2004
Release Date:	10/09/2003
EID:	6442586
Local Facility District:	Myrtle Beach EQC Office

S STRAND CUSTOMER SERV COMPLEX (Continued) **U003628299**

SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	S STRAND CUSTOMER SERV COMPLEX
Local Fac First Name:	Not reported
User Name:	MARTINJM
Cleanup Initiated Date:	01/30/2004
Prefix:	P
Total Score:	15

LUST:

Release Date:	10/09/2003
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.660
Ground Water Flow Direction:	E
Release Number:	2
Confirmed date:	01/30/2004
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

Release Date:	09/07/1990
Cleanup Complete Date:	01/09/1997
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/14/1990
RP Name:	SANTEE COOPER
RP Address:	1 RIVERWOOD DR
RP City:	MONCKS CORNER
RP State:	SC
RP Zip:	29461
SCRBCA Class Code:	CLASS5A
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	W25

UST:

Name:	S STRAND CUSTOMER SERV COMPLEX
Address:	900 INLET SQUARE DR
City:	MURRELLS INLET
Facility ID:	10811
Permit:	P 10811
Owner:	SANTEE COOPER
Owner Address:	PO BOX 2946101
Owner City, st, zip:	MONCKS CORNER SC 29461-6101
Owner Phone:	843-761-8000

Tank ID:	1
Status:	**Abandoned**
Capacity:	6000

S STRAND CUSTOMER SERV COMPLEX (Continued) **U003628299**

Product:	Diesel fuel
Calcage:	0
Name:	S STRAND CUSTOMER SERV COMPLEX
Address:	900 INLET SQUARE DR
City:	MURRELLS INLET
Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0
Name:	S STRAND CUSTOMER SERV COMPLEX
Address:	900 INLET SQUARE DR
City:	MURRELLS INLET
Tank ID:	3
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	0
Name:	S STRAND CUSTOMER SERV COMPLEX
Address:	900 INLET SQUARE DR
City:	MURRELLS INLET
Tank ID:	4
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	10811
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False

S STRAND CUSTOMER SERV COMPLEX (Continued) **U003628299**

Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 10811. RBCA Classification 3BC8. Awaiting Funding.

HW1055 **WALMART NEIGHBORHOOD MARKET 3442** **UST** **U004245992**
Target **11970 HWY 17 BYP** **N/A**
Property **MURRELLS INLET, SC**

Site 2 of 2 in cluster HW

Actual:
21 ft.

Focus Map:
43

UST:

Name:	WALMART NEIGHBORHOOD MARKET 3442
Address:	11970 HWY 17 BYP
City:	MURRELLS INLET
Facility ID:	19794
Permit:	P 19794
Owner:	WALMART STORES INC
Owner Address:	702 SW 8TH ST DEPT 8916
Owner City, st, zip:	BENTONVILLE AR 72716-0500
Owner Phone:	479-273-8483
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	WALMART NEIGHBORHOOD MARKET 3442
Address:	11970 HWY 17 BYP
City:	MURRELLS INLET
Tank ID:	2
Status:	**Currently in Use**
Capacity:	15000
Product:	Multiple petroleum
Calcage:	0

HX1056 **Target** **Property**

VILLAGE HARDWARE
3008 HWY 17 S
GARDEN CITY, SC

LUST **UST** **GWCI**

U003526356
N/A

Site 1 of 3 in cluster HX

Actual:
19 ft.

Focus Map:
43

LUST:

Name:	VILLAGE HARDWARE
Address:	3008 HWY 17 S
City,State,Zip:	GARDEN CITY, SC 29576-7625
Release Number:	1
Facility ID:	14367
Release Status Number:	8
Substance:	PETRO
Tank Owner Company Name:	BONE, SHELVIE
Tank Owner Last Name:	BONE
Tank Owner First name:	SHELVIE
NFA Date:	Not reported
Tank Owner City:	MYRTLE BEACH
Confirmed Date:	03/23/1992
Release Date:	12/30/1991
EID:	1779370
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BD
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	VILLAGE HARDWARE
Local Fac First Name:	Not reported
User Name:	WYKELJM
Cleanup Initiated Date:	03/23/1992
Prefix:	N
Total Score:	743

LUST:

Release Date:	12/30/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	7.650
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	BONE
RP Address:	3008 HWY 17 S
RP City:	GARDEN CITY
RP State:	SC
RP Zip:	29576-7625
SCRBCA Class Code:	CLASS3BD
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	VILLAGE HARDWARE
Address:	3008 HWY 17 S
City:	GARDEN CITY
Facility ID:	14367
Permit:	N 14367
Owner:	BONE, SHELVIE
Owner Address:	3725 KINGSLEY DR

VILLAGE HARDWARE (Continued) **U003526356**

Owner City, st, zip:	MYRTLE BEACH SC 29588-7725
Owner Phone:	803-651-4401
Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15
Name:	VILLAGE HARDWARE
Address:	3008 HWY 17 S
City:	GARDEN CITY
Tank ID:	2
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15
Name:	VILLAGE HARDWARE
Address:	3008 HWY 17 S
City:	GARDEN CITY
Tank ID:	3
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	15

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	14367
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False

VILLAGE HARDWARE (Continued) **U003526356**

Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14367. RBCA Classification 3BD8. Awaiting Funding.

HX1057 **Target Property**
BONE ERNEST H
3008 HIGHWAY 17
MURRELLS INLET, SC 29576
EDR Hist Auto **1020574184** **N/A**

Site 2 of 3 in cluster HX

Actual: **19 ft.**
Focus Map: **43**

EDR Hist Auto

Year:	Name:	Type:
1993	BONE ERNEST H	Hardware Stores
1994	BONE ERNEST H	Hardware Stores
1995	BONE ERNEST H	Hardware Stores

HY1058 **Target Property**
INLET SQUARE BODY SHOP
840 INLET SQUARE DR
MURRELLS INLET, SC 29576
ECHO **1016240667** **N/A**

Site 1 of 2 in cluster HY

Actual: **18 ft.**
Focus Map: **43**

ECHO:

Envid:	1016240667
Registry ID:	110007837573
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007837573
Name:	INLET SQUARE BODY SHOP
Address:	840 INLET SQUARE DR
City,State,Zip:	MURRELLS INLET, SC 29576

HY1059 **Target Property**
INLET SQUARE BODY SHOP
840 INLET SQUARE DR
MURRELLS, SC 29576
RCRA-VSQG **1004780799** **SCD987598380**

Site 2 of 2 in cluster HY

Actual: **18 ft.**
Focus Map: **43**

RCRA Listings:

Date Form Received by Agency:	2002-03-27 00:00:00.0
Handler Name:	INLET SQUARE BODY SHOP
Handler Address:	840 INLET SQUARE DR
Handler City,State,Zip:	MURRELLS, SC 29576
EPA ID:	SCD987598380
Contact Name:	JOHNNY OWENS
Contact Address:	840 INLET SQUARE DR
Contact City,State,Zip:	MURRELLS, SC 29576
Contact Telephone:	803-238-1542
Contact Fax:	Not reported
Contact Email:	Not reported

INLET SQUARE BODY SHOP (Continued) **1004780799**

Contact Title:	Not reported
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	INLET SQUARE DR
Mailing City,State,Zip:	MURRELLS, SC 29576
Owner Name:	DINA BERNARD
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

INLET SQUARE BODY SHOP (Continued) **1004780799**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2014-07-29 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DINA BERNARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	840 INLET SQUARE DR
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	803-238-1582
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

INLET SQUARE BODY SHOP (Continued) **1004780799**

Historic Generators:

Receive Date:	1993-08-24 00:00:00.0
Handler Name:	INLET SQUARE BODY SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-27 00:00:00.0
Handler Name:	INLET SQUARE BODY SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

No NAICS Codes Found:

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

HX1060 **SCOTCHMAN 3124** **LUST** **U003754897**
Target **3020 HWY 17 S** **UST** **N/A**
Property **GARDEN CITY, SC** **GWCI**

Site 3 of 3 in cluster HX

Actual:
19 ft.

Focus Map:
43

LUST:

Name:	SCOTCHMAN 3124
Address:	3020 HWY 17 S
City,State,Zip:	GARDEN CITY, SC 29576
Release Number:	1
Facility ID:	10101
Release Status Number:	1
Substance:	PETRO
Tank Owner Company Name:	GPM SOUTHEAST LLC
Tank Owner Last Name:	GPM SOUTHEAST LLC
Tank Owner First name:	Not reported

SCOTCHMAN 3124 (Continued) **U003754897**

NFA Date:	11/14/2017
Tank Owner City:	RICHMOND
Confirmed Date:	03/18/1992
Release Date:	12/16/1991
EID:	1757358
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SCOTCHMAN 3124
Local Fac First Name:	Not reported
User Name:	GATHINNR
Cleanup Initiated Date:	03/18/1992
Prefix:	P
Total Score:	7

LUST:

Release Date:	12/16/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	9.230
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	03/18/1992
RP Name:	WORSLEY COMPANIES INC
RP Address:	1410 COMMONWEALTH DR #202
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28403
SCRBCA Class Code:	CLASS3BF
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	WS

UST:

Name:	SCOTCHMAN 3124
Address:	3020 HWY 17 S
City:	GARDEN CITY
Facility ID:	10101
Permit:	P 10101
Owner:	GPM SOUTHEAST LLC
Owner Address:	8565 MAGELLAN PKWY STE 400
Owner City, st, zip:	RICHMOND VA 23227
Owner Phone:	804-730-1568

Tank ID:	1
Status:	**Currently in Use**
Capacity:	6000
Product:	Gasoline RUL
Calcage:	0

Name:	SCOTCHMAN 3124
Address:	3020 HWY 17 S
City:	GARDEN CITY

Tank ID:	2
Status:	**Currently in Use**

SCOTCHMAN 3124 (Continued) **U003754897**

Capacity: 6000
Product: Gasoline RUL
Calcage: 0

Name: SCOTCHMAN 3124
Address: 3020 HWY 17 S
City: GARDEN CITY

Tank ID: 3
Status: **Currently in Use**
Capacity: 6000
Product: Gasoline Super/Prem
Calcage: 0

Name: SCOTCHMAN 3124
Address: 3020 HWY 17 S
City: GARDEN CITY

Tank ID: 4
Status: **Currently in Use**
Capacity: 4000
Product: Diesel fuel
Calcage: 0

SC GWIC:
Bureau: BLWM
EAP ID: Not reported
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: Not reported
Permit Number: 10101
WPC Permit: Not reported
Program: DUST
Contamination: PETRO
Petroleum Products: True
Volatile Organic Compounds: False
Metals: False
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False
Sources Not In Other Categories: False
Source: UST
Underground Storage Tanks: True
Pits, Ponds, & Lagoons: False
Spills & Leaks: False
Landfills: False
Aboveground Storage Tank: False
Spray Irrigation: False
Single-Event Spill: False
Unpermitted Disposal: False
Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: No
Monitoring: Yes

SCOTCHMAN 3124 (Continued) **U003754897**

Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 10101. RBCA Classification 3BF5. Inactive.

HZ1061 **Target Property**
MURRELLS INLET DRUM SITE
804 INLET SQUARE DR
MURRELLS INLET, SC 29576
ECHO **1016121422** **N/A**

Site 1 of 3 in cluster HZ

Actual: **18 ft.**
Focus Map: **43**

ECHO:
Envid: 1016121422
Registry ID: 110007904429
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110007904429
Name: MURRELLS INLET DRUM SITE
Address: 804 INLET SQUARE DR
City,State,Zip: MURRELLS INLET, SC 29576

HZ1062 **Target Property**
MURRELLS INLET DRUM SITE
804 INLET SQUARE DR
MURRELLS INLET, SC 29576
SHWS **S109362454** **N/A**

Site 2 of 3 in cluster HZ

Actual: **18 ft.**
Focus Map: **43**

SHWS:
Name: MURRELLS INLET DRUM SITE
Address: 804 INLET SQUARE DR
City,State,Zip: MURRELLS INLET, SC 29576
EPA ID: SC0001406834

HZ1063 **Target Property**
MURRELS INLET DRUM SITE
804 INLET SQUARE DRIVE
MURRELLS INLET, SC 29576
SEMS-ARCHIVE **1001114882** **SC0001406834**

Site 3 of 3 in cluster HZ

Actual: **18 ft.**
Focus Map: **43**

SEMS Archive:
Site ID: 0406503
EPA ID: SC0001406834
Name: MURRELS INLET DRUM SITE
Address: 804 INLET SQUARE DRIVE
Address 2: Not reported
City,State,Zip: MURRELLS INLET, SC 29576-7810
Cong District: 06
FIPS Code: 45051
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 04
Site ID: 0406503
EPA ID: SC0001406834
Site Name: MURRELS INLET DRUM SITE

MURRELS INLET DRUM SITE (Continued) **1001114882**

NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	2017-08-15 05:00:00
Finish Date:	2017-08-15 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	04
Site ID:	0406503
EPA ID:	SC0001406834
Site Name:	MURRELS INLET DRUM SITE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	2000-03-15 05:00:00
Qual:	N
Current Action Lead:	St Perf

Region:	04
Site ID:	0406503
EPA ID:	SC0001406834
Site Name:	MURRELS INLET DRUM SITE
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	2000-03-15 05:00:00
Qual:	N
Current Action Lead:	St Perf

Region:	04
Site ID:	0406503
EPA ID:	SC0001406834
Site Name:	MURRELS INLET DRUM SITE
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1996-04-09 04:00:00
Finish Date:	1996-04-09 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

1064 **RITE AID #11633** **ECHO** **1016037154**
Target **788 INLET SQUARE DRIVE** **N/A**
Property **MURRELL'S INLET, SC 29576**

Actual: **18 ft.**
Focus Map: **43**

ECHO:

Envid:	1016037154
Registry ID:	110046540052
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046540052
Name:	RITE AID #11633
Address:	788 INLET SQUARE DRIVE
City,State,Zip:	MURRELL'S INLET, SC 29576

IA1065 **HOME DEPOT 1122** **RCRA-SQG** **1007571739**
Target **12262 HWY 17 BYPASS** **SCR000766238**
Property **MURRELLS INLET, SC 29576**

Site 1 of 2 in cluster IA

Actual: **22 ft.**
Focus Map: **43**

RCRA Listings:

Date Form Received by Agency:	2019-01-28 00:00:00.0
Handler Name:	HOME DEPOT 1122
Handler Address:	12262 HWY 17 BYPASS
Handler City,State,Zip:	MURRELLS INLET, SC 29576
EPA ID:	SCR000766238
Contact Name:	ASHELY CAMPBELL
Contact Address:	SAN FELIPE ST STE 1000
Contact City,State,Zip:	HOUSTON, TX 77056
Contact Telephone:	713-985-5472
Contact Fax:	Not reported
Contact Email:	ASHLEY.CAMPBELL@STERICYCLE.COM
Contact Title:	ENV COMPLINACE SPEC
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	5151 SAN FELIPE ST STE 10000
Mailing City,State,Zip:	HOUSTON, TX 77056
Owner Name:	THE HOME DEPOT USA
Owner Type:	Private
Operator Name:	THE HOME DEPOT USA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-12 12:42:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007

HOME DEPOT 1122 (Continued) **1007571739**

Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: THE HOME DEPOT USA
Legal Status: Private
Date Became Current: 2004-08-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE HOME DEPOT USA
Legal Status: Private
Date Became Current: 2004-08-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD
Owner/Operator City,State,Zip: ATLANTA, GA 30339
Owner/Operator Telephone: 770-433-8211
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME DEPOT HD1122
Legal Status:	Private
Date Became Current:	2016-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12262 HWY 17 BYPASS
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	843-357-3777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME DEPOT HD1122
Legal Status:	Private
Date Became Current:	2016-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12262 HWY 17 BYPASS
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	843-357-3777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME DEPOT HD1122
Legal Status:	Private
Date Became Current:	2016-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12262 HWY 17 BYPASS
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	843-357-3777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD

HOME DEPOT 1122 (Continued) **1007571739**

Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME DEPOT HD1122
Legal Status:	Private
Date Became Current:	2016-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12262 HWY 17 BYPASS
Owner/Operator City,State,Zip:	MURRELLS INLET, SC 29576
Owner/Operator Telephone:	843-357-3777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private

HOME DEPOT 1122 (Continued) **1007571739**

Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PP
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	2016-02-01 00:00:00.
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE HOME DEPOT USA
Legal Status:	Private
Date Became Current:	2004-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-08-09 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No

HOME DEPOT 1122 (Continued) **1007571739**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-19 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-10 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-04-08 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-25 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

HOME DEPOT 1122 (Continued) **1007571739**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-23 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-03-04 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-19 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-29 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-01 00:00:00.0
Handler Name:	HOME DEPOT 1122

HOME DEPOT 1122 (Continued) **1007571739**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-26 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-01 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2019-01-28 00:00:00.0
Handler Name:	HOME DEPOT 1122
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

NAICS Code:	444110
NAICS Description:	HOME CENTERS

HOME DEPOT 1122 (Continued) **1007571739**

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2017-06-08 00:00:00.0
Actual Return to Compliance Date:	2017-07-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2017-06-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	SCKM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2017-06-08 00:00:00.0
Actual Return to Compliance Date:	2017-06-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	2017-06-08 00:00:00.0
Actual Return to Compliance Date:	2017-07-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2017-06-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2017-06-08 00:00:00.0
Actual Return to Compliance Date: 2017-07-24 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2017-06-30 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: SCKM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

HOME DEPOT 1122 (Continued) **1007571739**

Evaluation Action Summary:

Evaluation Date:	2017-06-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-07-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-06-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-09-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCBCH
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-09-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

HOME DEPOT 1122 (Continued) **1007571739**

Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-07-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-06-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCKM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2017-07-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

IA1066 **THE HOME DEPOT 1122** **ECHO** **1007733254**
Target **12262 HWY 17 BYPASS** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 2 of 2 in cluster IA

Actual:
22 ft.
Focus Map:
43

ECHO:

Envid:	1007733254
Registry ID:	110018902071
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018902071
Name:	THE HOME DEPOT 1122
Address:	12262 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576

IB1067 **CLARK & GRAINGER INC** **EDR Hist Auto** **1020261074**
Target **3411 HIGHWAY 17 BUSINESS** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 1 of 2 in cluster IB

Actual:
19 ft.
Focus Map:
43

EDR Hist Auto

Year:	Name:	Type:
1994	CLARK & GRAINGER INC	Gasoline Service Stations, NEC
1995	CLARK & GRAINGER INC	Gasoline Service Stations, NEC
1996	CLARK & GRAINGER INC	Gasoline Service Stations, NEC
1997	CLARK & GRAINGER INC	Gasoline Service Stations, NEC
1998	CLARK & GRAINGER INC	Gasoline Service Stations, NEC
1999	INLET HESS MART	Gasoline Service Stations, NEC

CLARK & GRAINGER INC (Continued) **1020261074**

2000	INLET HESS MART	Gasoline Service Stations, NEC
2001	INLET HESS MART	Gasoline Service Stations, NEC

IB1068 **COASTAL GAS** **UST** **U004017651**
Target **3411 HWY 17 BUS** **N/A**
Property **MURRELLS INLET, SC**

Site 2 of 2 in cluster IB

Actual:
19 ft.

Focus Map:
43

UST:

Name:	COASTAL GAS
Address:	3411 HWY 17 BUS
City:	MURRELLS INLET
Facility ID:	14621
Permit:	P 14621
Owner:	MOSS ENTERPRISES INC
Owner Address:	120 W CONYERS AVE
Owner City, st, zip:	FLORENCE SC 29505
Owner Phone:	843-678-1035

Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Multiple petroleum
Calcage:	0

Name:	COASTAL GAS
Address:	3411 HWY 17 BUS
City:	MURRELLS INLET

Tank ID:	2
Status:	**Currently in Use**
Capacity:	16000
Product:	Gasoline RUL
Calcage:	0

1069 **MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351** **RCRA-VSQG** **1014927709**
Target **3419 HWY 17 S** **ECHO** **SCR000773184**
Property **MURRELLS INLET, SC 29576**

Actual:
19 ft.

Focus Map:
43

RCRA Listings:

Date Form Received by Agency:	2015-12-26 00:00:00.0
Handler Name:	MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351
Handler Address:	3419 HWY 17 S
Handler City,State,Zip:	MURRELLS INLET, SC 29576
EPA ID:	SCR000773184
Contact Name:	AARON ENGI
Contact Address:	PROFESSIONAL CENTER DR STE 400
Contact City,State,Zip:	PALM BEACH GARDENS, FL 33410
Contact Telephone:	561-383-3000
Contact Fax:	Not reported
Contact Email:	EHS@TBCORP.COM
Contact Title:	MGR OF SAFETY & HEALTH
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351 (Continued) **1014927709**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PROFESSIONAL CENTER DR STE 400
Mailing City,State,Zip:	PALM BEACH GARDENS, FL 33410
Owner Name:	MERCHANT'S LLC
Owner Type:	Private
Operator Name:	NTB TIRE & SERVICE CENTER DR STE 400
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351 (Continued) **1014927709**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-03-04 14:43:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MERCHANTS LLC
Legal Status:	Private

MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351 (Continued) **1014927709**

Date Became Current:	2011-11-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	823 DONALD ROSS RD
Owner/Operator City,State,Zip:	JUNO BEACH, FL 33408
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PP
Owner/Operator Name:	MERCHANTS LLC
Legal Status:	Private
Date Became Current:	2011-11-16 00:00:00.
Date Ended Current:	2015-09-01 00:00:00.
Owner/Operator Address:	823 DONALD ROSS RD
Owner/Operator City,State,Zip:	JUNO BEACH, FL 33408
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PO
Owner/Operator Name:	MERCHANTS LLC
Legal Status:	Private
Date Became Current:	2011-11-16 00:00:00.
Date Ended Current:	2015-12-29 00:00:00.
Owner/Operator Address:	823 DONALD ROSS RD
Owner/Operator City,State,Zip:	JUNO BEACH, FL 33408
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MERCHANT'S LLC
Legal Status:	Private
Date Became Current:	2015-12-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4280 PROFESSIONAL CENTER DR STE 400
Owner/Operator City,State,Zip:	PALM BEAC GARDENS, FL 33410
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NTB TIRE & SERVICE CENTER DR STE 400
Legal Status:	Private
Date Became Current:	2015-12-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4280 PROFESSIONAL CENTER DR STE 400
Owner/Operator City,State,Zip:	PALM BEAC GARDENS, FL 33410
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351 (Continued) **1014927709**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MERCHANTS LLC
Legal Status:	Private
Date Became Current:	2011-11-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	823 DONALD ROSS RD
Owner/Operator City,State,Zip:	JUNO BEACH, FL 33408
Owner/Operator Telephone:	561-383-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-11-16 00:00:00.0
Handler Name:	MERCHANTS TIRE & AUTO 351
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-12-26 00:00:00.0
Handler Name:	MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING

NAICS Code:	81111
NAICS Description:	AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351 (Continued) **1014927709**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2011-11-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	SCMM
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ECHO:

Envid:	1014927709
Registry ID:	110044831670
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044831670
Name:	MERCHANTS TIRE DBA NTB TIRE & SERVICE CTR 351
Address:	3419 HWY 17 S
City,State,Zip:	MURRELLS INLET, SC 29576

1070 **COOLIES MARINE SERVICE** **EDR Hist Auto** **1021893720**
Target **3453 HWY 17 BUS** **N/A**
Property **MURRELLS INLET, SC 29576**

EDR Hist Auto

Actual:
18 ft.
Focus Map:
43

Year:	Name:	Type:
2007	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC
2008	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC
2009	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC
2010	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC
2011	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC
2012	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC
2013	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC
2014	COOLIES MARINE SERVICE	Gasoline Service Stations, NEC

1071 **S&W MURRELLS INLET** **ECHO** **1016380937**
Target **12414 HWY 707** **2957WSWMRR12414**
Property **MURRELLS INLET, SC 29576**

Actual:
24 ft.
Focus Map:
43

ECHO:

Envid:	1016380937
Registry ID:	110055129551
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055129551
Name:	S&W MURRELLS INLET
Address:	12414 HWY 707
City,State,Zip:	MURRELLS INLET, SC 29576

1072 **BP BA BUCKS LITCHFIELD** **EDR Hist Auto** **1020232780**
Target **3385 COLLINS CREEK DR** **N/A**
Property **MURRELLS INLET, SC 29576**

EDR Hist Auto

Actual:
3 ft.
Focus Map:
42

Year:	Name:	Type:
2000	BP BA BUCKS LITCHFIELD	Gasoline Service Stations, NEC
2001	BP BA BUCKS LITCHFIELD	Gasoline Service Stations, NEC
2002	BP BA BUCKS LITCHFIELD	Gasoline Service Stations, NEC

1073 **PANTRY 3483** **LUST** **U003622890**
Target **3525 HWY 17 BUS** **UST** **N/A**
Property **MURRELLS INLET, SC**

Actual:
16 ft.
Focus Map:
43

LUST:

Name:	PANTRY 3483
Address:	3525 HWY 17 BUS
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	03756
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/04/2011
Tank Owner City:	Not reported
Confirmed Date:	Not reported

PANTRY 3483 (Continued) **U003622890**

Release Date:	09/08/2010
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MCCORMAT
Cleanup Initiated Date:	09/08/2010
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	09/08/2010
Cleanup Complete Date:	01/04/2011
Depth to Ground Water:	5.219
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	09/08/2010
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS2BB
Project Manager:	MCCORMICK, ANDREW T
Release Fin Type Code:	W25

UST:

Name:	PANTRY 3483
Address:	3525 HWY 17 BUS
City:	MURRELLS INLET
Facility ID:	03756
Permit:	R 03756
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	PANTRY 3483
Address:	3525 HWY 17 BUS
City:	MURRELLS INLET

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5

PANTRY 3483 (Continued) **U003622890**

Name:	PANTRY 3483
Address:	3525 HWY 17 BUS
City:	MURRELLS INLET

Tank ID:	3
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

1074 Target Property
CREMATION SERVICES OF THE STRAND LLC
3558A OLD KINGS HWY
MURRELLS INLET, SC 29576
ECHO **1017383845** **N/A**

Actual: 22 ft.
Focus Map: 43

ECHO:

Envid:	1017383845
Registry ID:	110062713648
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110062713648
Name:	CREMATION SERVICES OF THE STRAND LLC
Address:	3558A OLD KINGS HWY
City,State,Zip:	MURRELLS INLET, SC 29576

1075 Target Property
SHELL RAPID LUBE
3619 HIGHWAY 17
MURRELLS INLET, SC 29576
EDR Hist Auto **1021113017** **N/A**

EDR Hist Auto

Actual: 19 ft.
Focus Map: 43

Year:	Name:	Type:
2008	JIFFY LUBE	Automotive Maintenance Services
2009	JIFFY LUBE	Automotive Maintenance Services
2010	JIFFY LUBE	Automotive Maintenance Services
2014	SHELL RAPID LUBE	Gasoline Service Stations, NEC

IC1076 Target Property
CVS PHARMACY 2736
3710 HWY 17 BYPASS
MURRELLS INLET, SC 29576
RCRA-VSQG **1014961211** **SCR000774141**

Site 1 of 2 in cluster IC

Actual: 19 ft.
Focus Map: 43

RCRA Listings:

Date Form Received by Agency:	2019-12-30 00:00:00.0
Handler Name:	CVS PHARMACY 2736
Handler Address:	3710 HWY 17 BYPASS
Handler City,State,Zip:	MURRELLS INLET, SC 29576
EPA ID:	SCR000774141
Contact Name:	NICOLE WILKINSON
Contact Address:	ONE CVS DR
Contact City,State,Zip:	WOONSOCKET, RI 02895
Contact Telephone:	401-770-7132
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Private

CVS PHARMACY 2736 (Continued) **1014961211**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	WOONSOCKET, RI 02895
Owner Name:	CVS PHARMACY INC
Owner Type:	Private
Operator Name:	SC CVS PHARMACY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

CVS PHARMACY 2736 (Continued) **1014961211**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-22 15:18:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D024
Waste Description: M-CRESOL

CVS PHARMACY 2736 (Continued) **1014961211**

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P012
Waste Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U016
Waste Description: BENZ[C]ACRIDINE

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

CVS PHARMACY 2736 (Continued) **1014961211**

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U070
Waste Description: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

Waste Code: U072
Waste Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U204
Waste Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206

CVS PHARMACY 2736 (Continued) **1014961211**

Waste Description:	D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U279
Waste Description:	U279
Waste Code:	U411
Waste Description:	U411

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895

CVS PHARMACY 2736 (Continued) **1014961211**

Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.

CVS PHARMACY 2736 (Continued) **1014961211**

Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SC CVS PHARMACY LLC
Legal Status:	Private
Date Became Current:	2009-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DR
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CVS PHARMACY INC
Legal Status:	Private
Date Became Current:	2012-05-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE CVS DRIVE
Owner/Operator City,State,Zip:	WOONSOCKET, RI 02895
Owner/Operator Telephone:	401-765-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2017-01-01 00:00:00.0
Handler Name:	CVS PHARMACY 2736
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

CVS PHARMACY 2736 (Continued) **1014961211**

Receive Date:	2012-05-07 00:00:00.0
Handler Name:	CVS PHARMACY 2736
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-31 00:00:00.0
Handler Name:	CVS PHARMACY 2736
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-20 00:00:00.0
Handler Name:	CVS PHARMACY 2736
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-10-03 00:00:00.0
Handler Name:	CVS PHARMACY 2736
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-12-30 00:00:00.0
Handler Name:	CVS PHARMACY 2736
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

CVS PHARMACY 2736 (Continued) **1014961211**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	11111
NAICS Description:	SOYBEAN FARMING
NAICS Code:	446110
NAICS Description:	PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

IC1077 **CVS PHARMACY 2736** **ECHO** **1016037017**
Target **3710 HWY 17 BYPASS** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 2 of 2 in cluster IC

Actual:
19 ft.

Focus Map:
43

ECHO:

Envid:	1016037017
Registry ID:	110045990022
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045990022
Name:	CVS PHARMACY 2736
Address:	3710 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576

1078 **INLET CONVENIENCE MART** **LUST** **U003622880**
Target **3610 HWY 17 BUSINESS** **UST** **N/A**
Property **MURRELLS INLET, SC** **GWCI**

Actual:
13 ft.

Focus Map:
43

LUST:

Name:	INLET CONVENIENCE MART
Address:	3610 HWY 17 BUSINESS
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	03739
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	NASH OIL CO INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/12/2009
Tank Owner City:	Not reported
Confirmed Date:	Not reported

INLET CONVENIENCE MART (Continued) **U003622880**

Release Date:	11/12/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	MCCORMAT
Cleanup Initiated Date:	03/23/1992
Prefix:	Not reported
Total Score:	0

LUST:

Release Date:	11/12/1991
Cleanup Complete Date:	02/12/2009
Depth to Ground Water:	2.899
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	03/23/1992
RP Name:	PACE OIL CO INC
RP Address:	PO BOX 15047
RP City:	WINSTON SALEM
RP State:	NC
RP Zip:	27113
SCRBCA Class Code:	CLASS3BD
Project Manager:	MCCORMICK, ANDREW T
Release Fin Type Code:	DS

UST:

Name:	INLET CONVENIENCE MART
Address:	3610 HWY 17 BUSINESS
City:	MURRELLS INLET
Facility ID:	03739
Permit:	R 03739
Owner:	NASH OIL CO INC
Owner Address:	PO BOX 899
Owner City, st, zip:	GEORGETOWN SC 29442-0899
Owner Phone:	843-546-6666

Tank ID:	1
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline
Calcage:	15

Name:	INLET CONVENIENCE MART
Address:	3610 HWY 17 BUSINESS
City:	MURRELLS INLET

Tank ID:	2
Status:	**Abandoned**
Capacity:	6000
Product:	Gasoline
Calcage:	15

INLET CONVENIENCE MART (Continued) **U003622880**

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	03739
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 03739. RBCA Classification 3BD8. Awaiting Funding.

1079 **MURRELLS INLET WASTEWATER TREATMENT PLANT** **ECHO** **1011832328**
Target **1441 POND ROAD** **N/A**
Property **MURRELLS INLET, SC 29576**

Actual:
24 ft.

Focus Map:
43

ECHO:

Envid:	1011832328
Registry ID:	110000545615
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000545615
Name:	MURRELLS INLET WASTEWATER TREATMENT PLANT
Address:	1441 POND ROAD
City,State,Zip:	MURRELLS INLET, SC 29576

1080 Target Property | **WACHESAW PLANTATION CLUB** | **1623 POND RD** | **MURRELLS INLET, SC 29576** | **ECHO** | **1016028864** | **N/A**

Actual: 20 ft.
Focus Map: 43

ECHO:

Envid:	1016028864
Registry ID:	110044960548
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110044960548
Name:	WACHESAW PLANTATION CLUB
Address:	1623 POND RD
City,State,Zip:	MURRELLS INLET, SC 29576

1081 Target Property | **WACCA WACHE MARINA** | **1950 WACHESAW RD** | **MURRELLS INLET, SC** | **UST** | **U003624034** | **N/A**

Actual: 6 ft.
Focus Map: 42

UST:

Name:	WACCA WACHE MARINA
Address:	1950 WACHESAW RD
City:	MURRELLS INLET
Facility ID:	13235
Permit:	P 13235
Owner:	WACCA WACHE RESORT LLC
Owner Address:	288 WACCAMAW DR
Owner City, st, zip:	PAWLEYS ISLAND SC 29585
Owner Phone:	843-333-6106

Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0

Name:	WACCA WACHE MARINA
Address:	1950 WACHESAW RD
City:	MURRELLS INLET

Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

1082 Target Property | **TIDELANDS WACCAMAW COMMUNITY HOSPITAL** | **4070 HWY 17 BYPASS** | **MURRELLS INLET, SC** | **UST** | **U004190361** | **N/A**

Actual: 21 ft.
Focus Map: 43

UST:

Name:	TIDELANDS WACCAMAW COMMUNITY HOSPITAL
Address:	4070 HWY 17 BYPASS
City:	MURRELLS INLET
Facility ID:	19608
Permit:	P 19608
Owner:	TIDELANDS WACCAMAW COMMUNITY HOSPITAL
Owner Address:	4070 HWY 17 BYPASS
Owner City, st, zip:	MURRELLS INLET SC 29576-5033
Owner Phone:	843-652-1079

TIDELANDS WACCAMAW COMMUNITY HOSPITAL (Continued) **U004190361**

Tank ID: 1
Status: **Construct Permit Appl. Received**
Capacity: 25000
Product: Diesel fuel
Calcage: 0

ID1083 Target Property
GEORGETOWN HOSPITAL SYSTEM D/B/A TIDELANDS WACCAMA
4070 HWY 17 BYPASS 17 S
MURRELLS INLET, SC 29576
ECHO **1023711698** **N/A**

Site 1 of 4 in cluster ID

Actual: 19 ft.
Focus Map: 43

ECHO:
Envid: 1023711698
Registry ID: 110070122791
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070122791
Name: GEORGETOWN HOSPITAL SYSTEM D/B/A TIDELANDS WACCAMAW COMMUNITY HOSPITA
Address: 4070 HWY 17 BYPASS 17 S
City,State,Zip: MURRELLS INLET, SC 29576

ID1084 Target Property
MYRTLE BEACH REHABILITATION HOSPITAL LLC
4070 HWY 17 BYPASS SOUTH 4TH FLR
MURRELLS INLET, SC 29576
ECHO **1024166475** **N/A**

Site 2 of 4 in cluster ID

Actual: 19 ft.
Focus Map: 43

ECHO:
Envid: 1024166475
Registry ID: 110070491028
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070491028
Name: MYRTLE BEACH REHABILITATION HOSPITAL LLC
Address: 4070 HWY 17 BYPASS SOUTH 4TH FLR
City,State,Zip: MURRELLS INLET, SC 29576

ID1085 Target Property
WACCAMAW COMMUNITY HOSPITAL
4070 HIGHWAY 17SOUTH BYPASS
MURRELLS INLET, SC 29576
ECHO **1016303918** **N/A**

Site 3 of 4 in cluster ID

Actual: 19 ft.
Focus Map: 43

ECHO:
Envid: 1016303918
Registry ID: 110013327122
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110013327122
Name: WACCAMAW COMMUNITY HOSPITAL
Address: 4070 HIGHWAY 17SOUTH BYPASS
City,State,Zip: MURRELLS INLET, SC 29576

ID1086 **WACCAMAW MEDICAL CENTER** **ECHO** **1001493881**
Target **4033 HWY 17 BYPASS** **SC0001002963**
Property **MURRELLS INLET, SC 29576**

Site 4 of 4 in cluster ID

Actual:
19 ft.

Focus Map:
43

ECHO:

Envid:	1001493881
Registry ID:	110002251438
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002251438
Name:	WACCAMAW MEDICAL CENTER
Address:	4033 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576

1087 **ANCHOR RESTAURANT INC** **LUST** **U003518993**
Target **3993 US HWY 17 BUSINESS** **UST** **N/A**
Property **MURRELLS INLET, SC**

Actual:
5 ft.

Focus Map:
46

LUST:

Name:	ANCHOR RESTAURANT INC
Address:	3993 US HWY 17 BUSINESS
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	17653
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	ANCHOR RESTAURANT INC
Tank Owner Last Name:	ANCHOR RESTAURANT INC
Tank Owner First name:	Not reported
NFA Date:	08/27/1997
Tank Owner City:	MURRELLS INLET
Confirmed Date:	12/05/1996
Release Date:	12/05/1996
EID:	1795398
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3AC
Release Fin Type Code:	W25
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	ANCHOR RESTAURANT INC
Local Fac First Name:	Not reported
User Name:	DUBOISPM
Cleanup Initiated Date:	12/05/1996
Prefix:	N
Total Score:	0

LUST:

Release Date:	12/05/1996
Cleanup Complete Date:	08/27/1997
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	12/05/1996
RP Name:	ANCHOR RESTAURANT INC
RP Address:	3993 US HWY 17 BUSINESS
RP City:	MURRELLS INLET
RP State:	SC
RP Zip:	29576
SCRBCA Class Code:	CLASS3AC
Project Manager:	DUBOIS, PAMELA M

ANCHOR RESTAURANT INC (Continued) **U003518993**

Release Fin Type Code: W25

UST:

Name:	ANCHOR RESTAURANT INC
Address:	3993 US HWY 17 BUSINESS
City:	MURRELLS INLET
Facility ID:	17653
Permit:	N 17653
Owner:	ANCHOR RESTAURANT INC
Owner Address:	3993 US HWY 17 BUSINESS
Owner City, st, zip:	MURRELLS INLET SC 29576
Owner Phone:	803-651-2295

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Diesel fuel
Calcage:	5

1088
Target
Property

H&C FISH HOUSE INC
4091 HWY 17 BUS
MURRELLS INLET, SC

UST **U003930229**
N/A

Actual:
5 ft.

Focus Map:
46

UST:

Name:	H&C FISH HOUSE INC
Address:	4091 HWY 17 BUS
City:	MURRELLS INLET
Facility ID:	14234
Permit:	P 14234
Owner:	CRAZY SISTER INC
Owner Address:	6711 WAKEHURST RD
Owner City, st, zip:	CHARLOTTE NC 28226
Owner Phone:	704-576-3388

Tank ID:	1
Status:	**Abandoned**
Capacity:	8000
Product:	Diesel fuel
Calcage:	0

1089
Target
Property

CAPTAIN DICKS MARINA
4123 US 17 BUSINESS S
MURRELLS INLET, SC

LUST
UST
GWCI

U003982769
N/A

Actual:
6 ft.

Focus Map:
46

LUST:

Name:	CAPTAIN DICKS MARINA
Address:	4123 US 17 BUSINESS S
City,State,Zip:	MURRELLS INLET, SC 29576-0306
Release Number:	1
Facility ID:	14457
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	SWATZEL, TOM
Tank Owner Last Name:	SWATZEL
Tank Owner First name:	TOM

CAPTAIN DICKS MARINA (Continued) **U003982769**

NFA Date:	11/17/2010
Tank Owner City:	MURRELS INLET
Confirmed Date:	04/24/1990
Release Date:	11/16/1989
EID:	1780178
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2AA
Release Fin Type Code:	DS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	CAPTAIN DICKS MARINA
Local Fac First Name:	Not reported
User Name:	THOMADL
Cleanup Initiated Date:	04/24/1990
Prefix:	N
Total Score:	13

LUST:

Release Date:	11/16/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3
Ground Water Flow Direction:	W
Release Number:	1
Confirmed date:	04/24/1990
RP Name:	OCEAN VENTURES LTD
RP Address:	4123 HWY 17 BUSINESS S
RP City:	MURRELLS INLET
RP State:	SC
RP Zip:	29576
SCRBCA Class Code:	CLASS2AA
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	DS

UST:

Name:	CAPTAIN DICKS MARINA
Address:	4123 US 17 BUSINESS S
City:	MURRELLS INLET
Facility ID:	14457
Permit:	N 14457
Owner:	SWATZEL, TOM
Owner Address:	PO BOX 306
Owner City, st, zip:	MURRELS INLET SC 29576
Owner Phone:	Not reported

Tank ID:	1
Status:	**Abandoned**
Capacity:	3000
Product:	Gasoline
Calcage:	15

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	14457

CAPTAIN DICKS MARINA (Continued) **U003982769**

WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14457. RBCA Classification 10000. .

IE1090 **SPEEDWAY 4592** **ECHO** **1018382812**
Target **4326 HIGHWAY 17** **N/A**
Property **GEORGETOWN, SC 29576**

Site 1 of 4 in cluster IE

Actual:
17 ft.
Focus Map:
46

ECHO:

Envid:	1018382812
Registry ID:	110069457466
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069457466
Name:	SPEEDWAY 4592
Address:	4326 HIGHWAY 17
City,State,Zip:	GEORGETOWN, SC 29576

IE1091 **SPEEDWAY 4592** **RCRA-VSQG** **1019326528**
Target **4326 HIGHWAY 17** **SCR000782821**
Property **GEORGETOWN, SC 29576**

Site 2 of 4 in cluster IE

Actual:
17 ft.
Focus Map:
46

RCRA Listings:

Date Form Received by Agency:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4592
Handler Address:	4326 HIGHWAY 17

SPEEDWAY 4592 (Continued) **1019326528**

Handler City,State,Zip:	GEORGETOWN, SC 29576
EPA ID:	SCR000782821
Contact Name:	CHARLES BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 44501-1500
Contact Telephone:	937-863-6272
Contact Fax:	Not reported
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENV COMPLIANCE ADMIN
EPA Region:	04
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	SC
State District:	WM
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 44501-1500
Owner Name:	SPEEDWAY LLC
Owner Type:	Private
Operator Name:	SPEEDWAY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

SPEEDWAY 4592 (Continued) **1019326528**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-08-05 14:13:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	2014-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1500
Owner/Operator City,State,Zip:	SPRINGFIELD OH, OH 45501-1500
Owner/Operator Telephone:	937-864-3000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SPEEDWAY 4592 (Continued) **1019326528**

Historic Generators:

Receive Date:	2016-06-21 00:00:00.0
Handler Name:	SPEEDWAY 4592
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	447110
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

IE1092 **Target** **Property**	**WILCOHESS LLC** **4326 HIGHWAY 17 STE A** **MURRELLS INLET, SC 29576**	**EDR Hist Auto**	**1020173837** **N/A**

Site 3 of 4 in cluster IE

Actual:
17 ft.

EDR Hist Auto

Focus Map:
46

Year:	Name:	Type:
2000	WILLIAMS A T OIL CO	Gasoline Service Stations
2001	WILLIAMS A T OIL CO	Gasoline Service Stations
2002	WILLIAMS A T OIL CO	Gasoline Service Stations
2003	WILCOHESS LLC	Gasoline Service Stations
2004	WILCOHESS LLC	Gasoline Service Stations
2005	WILCOHESS LLC	Gasoline Service Stations
2006	WILCOHESS LLC	Gasoline Service Stations
2007	WILCOHESS LLC	Gasoline Service Stations
2008	WILCOHESS LLC	Gasoline Service Stations
2009	WILCOHESS LLC	Gasoline Service Stations
2010	WILCOHESS LLC	Gasoline Service Stations
2011	WILCOHESS LLC	Gasoline Service Stations
2012	WILCOHESS LLC	Gasoline Service Stations
2013	WILCOHESS LLC	Gasoline Service Stations
2014	WILCOHESS LLC	Gasoline Service Stations

IE1093	**SPEEDWAY 4592**	**LUST**	**U004018196**
Target	**4326A HWY 17 S**	**UST**	**N/A**
Property	**MURRELLS INLET, SC**	**GWCI**	

Site 4 of 4 in cluster IE

Actual:
17 ft.

Focus Map:
46

LUST:

Name:	SPEEDWAY 4592
Address:	4326A HWY 17 S
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	17901
Release Status Number:	3
Substance:	PETROL
Tank Owner Company Name:	SPEEDWAY LLC
Tank Owner Last Name:	SPEEDWAY LLC
Tank Owner First name:	Not reported
NFA Date:	08/23/2011
Tank Owner City:	ENON
Confirmed Date:	08/23/2005
Release Date:	10/11/2004
EID:	14767584
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	3BF
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	SPEEDWAY 4592
Local Fac First Name:	Not reported
User Name:	THOMADL
Cleanup Initiated Date:	08/23/2005
Prefix:	P
Total Score:	2

LUST:

Release Date:	10/11/2004
Cleanup Complete Date:	Not reported
Depth to Ground Water:	4.169
Ground Water Flow Direction:	S
Release Number:	1
Confirmed date:	08/23/2005
RP Name:	WILCO HESS LLC
RP Address:	5446 UNIVERSITY PKWY
RP City:	WINSTON SALEM
RP State:	NC
RP Zip:	27105
SCRBCA Class Code:	CLASS3BF
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	WS

UST:

Name:	SPEEDWAY 4592
Address:	4326A HWY 17 S
City:	MURRELLS INLET
Facility ID:	17901
Permit:	P 17901
Owner:	SPEEDWAY LLC
Owner Address:	500 SPEEDWAY DR

SPEEDWAY 4592 (Continued) **U004018196**

Owner City, st, zip:	ENON OH 45323-1056
Owner Phone:	336-767-6280
Tank ID:	1
Status:	**Currently in Use**
Capacity:	15000
Product:	Gasoline RUL
Calcage:	0
Name:	SPEEDWAY 4592
Address:	4326A HWY 17 S
City:	MURRELLS INLET
Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	SPEEDWAY 4592
Address:	4326A HWY 17 S
City:	MURRELLS INLET
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Diesel fuel
Calcage:	0

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	17901
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False

SPEEDWAY 4592 (Continued) **U004018196**

Septic Tank/Tile Field: False
Substances Not In Other Categories: False
Sources of Contamination Undetermined: False
Assessment: Yes
Monitoring: No
Remediation: No
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 17901. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

IF1094	**SOUTH BEACH BAR**	**LUST**	**U003525270**
Target	**5218 HWY 17 BYPASS**	**UST**	**N/A**
Property	**MURRELLS INLET, SC**		

Site 1 of 4 in cluster IF

Actual:
18 ft.

Focus Map:
46

LUST:

Name: SOUTH BEACH BAR
Address: 5218 HWY 17 BYPASS
City,State,Zip: MURRELLS INLET, SC 29576
Release Number: 1
Facility ID: 14486
Release Status Number: 1
Substance: PETRO
Tank Owner Company Name: BASS, WILLIAM
Tank Owner Last Name: BASS
Tank Owner First name: WILLIAM
NFA Date: 02/25/2004
Tank Owner City: MURRELLS INLET
Confirmed Date: 03/23/1992
Release Date: 03/23/1992
EID: 1780441
Local Facility District: Myrtle Beach EQC Office
SCRBCA Class Number: 4AA
Release Fin Type Code: DS
Qualified: Y
Release Source: UST
Local Fac Last Name: SOUTH BEACH BAR
Local Fac First Name: Not reported
User Name: THOMADL
Cleanup Initiated Date: 03/23/1992
Prefix: N
Total Score: 0

LUST:

Release Date: 03/23/1992
Cleanup Complete Date: 02/25/2004
Depth to Ground Water: 2.609
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 03/23/1992
RP Name: BASS
RP Address: 5218 HWY 17 BYPASS
RP City: MURRELLS INLET
RP State: SC
RP Zip: 29576
SCRBCA Class Code: CLASS4AA

SOUTH BEACH BAR (Continued) **U003525270**

Project Manager: THOMA, DEBRA L
Release Fin Type Code: DS

UST:

Name: SOUTH BEACH BAR
Address: 5218 HWY 17 BYPASS
City: MURRELLS INLET
Facility ID: 14486
Permit: N 14486
Owner: BASS, WILLIAM D
Owner Address: 5218 HWY 17 BYPASS
Owner City, st, zip: MURRELLS INLET SC 29576
Owner Phone: 803-651-4499

Tank ID: 1
Status: **Abandoned**
Capacity: 5000
Product: Gasoline
Calcage: 10

Name: SOUTH BEACH BAR
Address: 5218 HWY 17 BYPASS
City: MURRELLS INLET

Tank ID: 2
Status: **Abandoned**
Capacity: 5000
Product: Gasoline
Calcage: 10

Name: SOUTH BEACH BAR
Address: 5218 HWY 17 BYPASS
City: MURRELLS INLET

Tank ID: 3
Status: **Abandoned**
Capacity: 2000
Product: Diesel fuel
Calcage: 10

Name: SOUTH BEACH BAR
Address: 5218 HWY 17 BYPASS
City: MURRELLS INLET

Tank ID: 4
Status: **Abandoned**
Capacity: 2000
Product: Kerosene
Calcage: 10

1095 **MARLIN QUAY MARINA BAR & GRILL** — **LUST** **U003930809**
Target **1508 S WACCAMAW DR** — **UST** **N/A**
Property **MURRELLS INLET, SC**

Actual:
1 ft.

Focus Map:
46

LUST:

Name:	MARLIN QUAY MARINA BAR & GRILL
Address:	1508 S WACCAMAW DR
City,State,Zip:	MURRELLS INLET, SC 29576-8048
Release Number:	1
Facility ID:	05184
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	LAWHON, MARK
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	03/07/1997
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	10/15/1996
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PASLEYDC
Cleanup Initiated Date:	03/07/1997
Prefix:	Not reported
Total Score:	Not reported

UST:

Name:	MARLIN QUAY MARINA BAR & GRILL
Address:	1508 S WACCAMAW DR
City:	MURRELLS INLET
Facility ID:	05184
Permit:	R 05184
Owner:	LAWHON, MARK
Owner Address:	1508 S WACCAMAW DR
Owner City, st, zip:	GARDEN CITY SC 29576-8048
Owner Phone:	843-229-5774

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5

Name:	MARLIN QUAY MARINA BAR & GRILL
Address:	1508 S WACCAMAW DR
City:	MURRELLS INLET

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

MARLIN QUAY MARINA BAR & GRILL (Continued) **U003930809**

Name:	MARLIN QUAY MARINA BAR & GRILL
Address:	1508 S WACCAMAW DR
City:	MURRELLS INLET
Tank ID:	3
Status:	**Abandoned**
Capacity:	140
Product:	Waste oil, burnt oil, used oil
Calcage:	5

IF1096 **GASOLINE ALLEY** **LUST** **U004291377**
Target **4584 HWY 17** **UST** **N/A**
Property **MURRELLS INLET, SC**

Site 2 of 4 in cluster IF

Actual:
18 ft.

Focus Map:
46

LUST:

Name:	GASOLINE ALLEY
Address:	4584 HWY 17
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	03740
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	PACE OIL CO INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	11/06/2017
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/23/1991
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	BRINEYSM
Cleanup Initiated Date:	01/11/1995
Prefix:	Not reported
Total Score:	67

LUST:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.970
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	01/11/1995
RP Name:	PACE OIL CO INC
RP Address:	PO BOX 15047
RP City:	WINSTON SALEM
RP State:	NC
RP Zip:	27113
SCRBCA Class Code:	CLASS3BE
Project Manager:	FORD, ROBERT J

GASOLINE ALLEY (Continued) **U004291377**

Release Fin Type Code: DS

UST:

Name: GASOLINE ALLEY
Address: 4584 HWY 17
City: MURRELLS INLET
Facility ID: 03740
Permit: N 03740
Owner: PACE OIL CO INC
Owner Address: PO BOX 15047
Owner City, st, zip: WINSTON SALEM NC 27113
Owner Phone: 336-723-9982

Tank ID: 1
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 5

Name: GASOLINE ALLEY
Address: 4584 HWY 17
City: MURRELLS INLET

Tank ID: 2
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 5

Name: GASOLINE ALLEY
Address: 4584 HWY 17
City: MURRELLS INLET

Tank ID: 3
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 5

Name: GASOLINE ALLEY
Address: 4584 HWY 17
City: MURRELLS INLET

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Gasoline
Calcage: 15

Name: GASOLINE ALLEY
Address: 4584 HWY 17
City: MURRELLS INLET

Tank ID: 5
Status: **Abandoned**
Capacity: 4000

GASOLINE ALLEY (Continued) **U004291377**

Product:	Gasoline
Calcage:	15

IF1097 **GASOLINE ALLEY** **GWCI** **U004018755**
Target **4584 HWY 17** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 3 of 4 in cluster IF

Actual:
18 ft.

Focus Map:
46

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	03740
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No

Remarks: Site ID # 03740. RBCA Classification 3BE6. Contacted.

IF1098 **Target** **Property**	**REFUEL 35** **4584 HWY 17** **MURRELLS INLET, SC**	**UST**	**U003629933** **N/A**

Site 4 of 4 in cluster IF

Actual:
18 ft.

Focus Map:
46

UST:

Name:	REFUEL 35
Address:	4584 HWY 17
City:	MURRELLS INLET
Facility ID:	18427
Permit:	P 18427
Owner:	REFUEL OPERATING COMPANY LLC
Owner Address:	PO BOX 20782
Owner City, st, zip:	CHARLESTON SC 29413-0782
Owner Phone:	843-388-4966
Tank ID:	1
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	REFUEL 35
Address:	4584 HWY 17
City:	MURRELLS INLET
Tank ID:	2
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline RUL
Calcage:	0
Name:	REFUEL 35
Address:	4584 HWY 17
City:	MURRELLS INLET
Tank ID:	3
Status:	**Currently in Use**
Capacity:	12000
Product:	Gasoline Super/Prem
Calcage:	0
Name:	REFUEL 35
Address:	4584 HWY 17
City:	MURRELLS INLET
Tank ID:	4
Status:	**Currently in Use**
Capacity:	12000
Product:	Multiple petroleum
Calcage:	0

1099 **INLET CONVENIENCE & FISHING SUP** **LUST** **U004017856**
Target **4463 HWY 17 BUSINESS** **UST** **N/A**
Property **MURRELLS INLET, SC** **GWCI**

Actual:
3 ft.

Focus Map:
46

LUST:

Name:	INLET CONVENIENCE & FISHING SUP
Address:	4463 HWY 17 BUSINESS
City,State,Zip:	MURRELLS INLET, SC 29576-6275
Release Number:	1
Facility ID:	15780
Release Status Number:	3
Substance:	PETRO
Tank Owner Company Name:	CREEL OIL CO INC
Tank Owner Last Name:	CREEL OIL CO INC
Tank Owner First name:	Not reported
NFA Date:	12/06/2006
Tank Owner City:	MARION
Confirmed Date:	09/30/1996
Release Date:	06/30/1993
EID:	1787370
Local Facility District:	Myrtle Beach EQC Office
SCRBCA Class Number:	2BB
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	INLET CONVENIENCE & FISHING SUP
Local Fac First Name:	Not reported
User Name:	THOMADL
Cleanup Initiated Date:	09/30/1996
Prefix:	N
Total Score:	198

LUST:

Release Date:	06/30/1993
Cleanup Complete Date:	Not reported
Depth to Ground Water:	3.509
Ground Water Flow Direction:	E
Release Number:	1
Confirmed date:	09/30/1996
RP Name:	CREEL OIL CO INC
RP Address:	117 SPRING ST
RP City:	MARION
RP State:	SC
RP Zip:	29571-3231
SCRBCA Class Code:	CLASS2BB
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	WS

UST:

Name:	INLET CONVENIENCE & FISHING SUP
Address:	4463 HWY 17 BUSINESS
City:	MURRELLS INLET
Facility ID:	15780
Permit:	N 15780
Owner:	CREEL OIL CO INC
Owner Address:	117 SPRING ST
Owner City, st, zip:	MARION SC 29571-3231
Owner Phone:	Not reported

INLET CONVENIENCE & FISHING SUP (Continued) **U004017856**

Tank ID:	1
Status:	**Abandoned**
Capacity:	4000
Product:	Gasoline
Calcage:	25

Name:	INLET CONVENIENCE & FISHING SUP
Address:	4463 HWY 17 BUSINESS
City:	MURRELLS INLET

Tank ID:	2
Status:	**Abandoned**
Capacity:	2000
Product:	Diesel fuel
Calcage:	25

Name:	INLET CONVENIENCE & FISHING SUP
Address:	4463 HWY 17 BUSINESS
City:	MURRELLS INLET

Tank ID:	3
Status:	**Abandoned**
Capacity:	2000
Product:	Gasoline
Calcage:	25

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	15780
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False

INLET CONVENIENCE & FISHING SUP (Continued) **U004017856**

Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 15780. RBCA Classification 2BB3. Monitored Natural Attenuation.

IG1100 Target Property | **CIRCLE K 2720790**
658 WACHESAW RD
MURRELLS INLET, SC | **LUST UST** | **U003623598 N/A**

Site 1 of 3 in cluster IG

Actual: 15 ft.
Focus Map: 46

LUST:

Name:	CIRCLE K 2720790
Address:	658 WACHESAW RD
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	10768
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/11/2017
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	NGUYENS
Cleanup Initiated Date:	08/01/2017
Prefix:	Not reported
Total Score:	1

UST:

Name:	CIRCLE K 2720790
Address:	658 WACHESAW RD
City:	MURRELLS INLET
Facility ID:	10768
Permit:	P 10768
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL

CIRCLE K 2720790 (Continued) **U003623598**

Calcage: 0

Name: CIRCLE K 2720790
Address: 658 WACHESAW RD
City: MURRELLS INLET

Tank ID: 2
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Plus
Calcage: 0

Name: CIRCLE K 2720790
Address: 658 WACHESAW RD
City: MURRELLS INLET

Tank ID: 3
Status: **Currently in Use**
Capacity: 10000
Product: Gasoline Super/Prem
Calcage: 0

IG1101 **PANTRY INC** **EDR Hist Auto** **1021317742**
Target **658 WACHESAW RD** **N/A**
Property **MURRELLS INLET, SC 29576**

Site 2 of 3 in cluster IG

Actual:
15 ft.
EDR Hist Auto

Focus Map:
46

Year:	Name:	Type:
2004	PANTRY INC	Convenience Stores
2005	PANTRY INC	Convenience Stores
2006	PANTRY INC	Convenience Stores
2007	PANTRY INC	Convenience Stores
2008	PANTRY INC	Convenience Stores
2009	PANTRY INC	Convenience Stores
2010	PANTRY INC	Convenience Stores
2011	PANTRY INC	Convenience Stores
2012	PANTRY INC	Convenience Stores
2013	PANTRY INC	Convenience Stores
2014	PANTRY INC	Convenience Stores

IG1102 **HMIRS** **2004081275**
Target **656 WACHESAW RD** **N/A**
Property **MURRELLS INLET, SC**

Site 3 of 3 in cluster IG

Actual:
14 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Focus Map:
46

1103 **B M & P SANDPIT** **ECHO** **1007846104**
Target **TURNTABLE RD** **N/A**
Property **MURRELLS INLET, SC 29576**

Actual:
27 ft.
Focus Map:
45

ECHO:

Envid:	1007846104
Registry ID:	110020149775
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110020149775
Name:	B M & P SANDPIT
Address:	TURNTABLE RD
City,State,Zip:	MURRELLS INLET, SC 29576

1104 **CWS WHITES CREEK-LINCOLNSHIRE WWTP** **ECHO** **1026111379**
Target **PEE DEE RD** **N/A**
Property **GEORGETOWN, SC 29442**

Actual:
26 ft.
Focus Map:
46

ECHO:

Envid:	1026111379
Registry ID:	110009704775
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009704775
Name:	CWS WHITES CREEK-LINCOLNSHIRE WWTP
Address:	PEE DEE RD
City,State,Zip:	GEORGETOWN, SC 29442

1105 **CDL** **S121352532**
Target **1069 PALMER PL** **N/A**
Property **MURRELLS INLET, SC 29576**

Actual:
25 ft.
Focus Map:
46

CDL 2:

Name:	Not reported
Address:	1069 PALMER PL
City,State,Zip:	MURRELLS INLET, SC 29576
Date Seized:	09/05/2017
Facility Detail:	Not reported
Lab Address:	Not reported
Lat/Longitude:	Not reported
Police Agency Name:	GEORGETOWN COUNTY SHERIFFS DEPT HEADQUARTERS
Lab Number:	170090
Children Present:	NO
Lab Type:	One Pot
Contractor Name:	Phillips
Invoice Amount:	3594
Was NPLEX Used:	NO
Num Child:	0
Structure:	Mobile Home

1106 **CIRCLE K 2723067** **LUST** **U003930740**
Target **5146 HWY 17 BYPASS** **UST** **N/A**
Property **MURRELLS INLET, SC**

Actual:
14 ft.
Focus Map:
46

LUST:

Name:	CIRCLE K 2723067
Address:	5146 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	03695
Release Status Number:	Not reported

CIRCLE K 2723067 (Continued) **U003930740**

Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	01/27/1994
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	12/31/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	ABERNAJD
Cleanup Initiated Date:	06/28/1990
Prefix:	Not reported
Total Score:	Not reported

LUST:

Release Date:	01/31/2000
Cleanup Complete Date:	08/21/2000
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	02/01/2000
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS5A
Project Manager:	PASLEY, DOUG C
Release Fin Type Code:	W25

Name:	CIRCLE K 2723067
Address:	5146 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	2
Facility ID:	03695
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	08/21/2000
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/31/2000
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported

CIRCLE K 2723067 (Continued) **U003930740**

Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	PASLEYDC
Cleanup Initiated Date:	02/01/2000
Prefix:	Not reported
Total Score:	1

LUST:

Release Date:	01/31/2000
Cleanup Complete Date:	08/21/2000
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	2
Confirmed date:	02/01/2000
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS5A
Project Manager:	PASLEY, DOUG C
Release Fin Type Code:	W25

UST:

Name:	CIRCLE K 2723067
Address:	5146 HWY 17 BYPASS
City:	MURRELLS INLET
Facility ID:	03695
Permit:	R 03695
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Diesel fuel
Calcage:	5

Name:	CIRCLE K 2723067
Address:	5146 HWY 17 BYPASS
City:	MURRELLS INLET

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	CIRCLE K 2723067
Address:	5146 HWY 17 BYPASS
City:	MURRELLS INLET

Tank ID:	3
Status:	**Currently in Use**

CIRCLE K 2723067 (Continued) **U003930740**

Capacity:	10000
Product:	Gasoline Plus
Calcage:	5
Name:	CIRCLE K 2723067
Address:	5146 HWY 17 BYPASS
City:	MURRELLS INLET
Tank ID:	4
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

IH1107	**CIRCLE K 2723229**	**LUST**	**U003666068**
Target	**3741 HWY 17 BYPASS**	**UST**	**N/A**
Property	**MURRELLS INLET, SC**	**GWCI**	

Site 1 of 2 in cluster IH

Actual:
11 ft.

Focus Map:
46

LUST:

Name:	CIRCLE K 2723229
Address:	3741 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	03713
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	Not reported
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/07/1989
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	WESTBRCJ
Cleanup Initiated Date:	11/03/1989
Prefix:	Not reported
Total Score:	135

LUST:

Release Date:	07/07/1989
Cleanup Complete Date:	Not reported
Depth to Ground Water:	2
Ground Water Flow Direction:	SE
Release Number:	1
Confirmed date:	11/03/1989
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD

CIRCLE K 2723229 (Continued) **U003666068**

RP State: NC
RP Zip: 27330
SCRBCA Class Code: CLASS2BB
Project Manager: THOMA, DEBRA L
Release Fin Type Code: WS

UST:

Name: CIRCLE K 2723229
Address: 3741 HWY 17 BYPASS
City: MURRELLS INLET
Facility ID: 03713
Permit: R 03713
Owner: CIRCLE K STORES INC
Owner Address: 1100 SITUS CT
Owner City, st, zip: RALEIGH NC 27606
Owner Phone: 800-476-7574

Tank ID: 1
Status: **Abandoned**
Capacity: 10000
Product: Gasoline RUL
Calcage: 5

Name: CIRCLE K 2723229
Address: 3741 HWY 17 BYPASS
City: MURRELLS INLET

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline Plus
Calcage: 5

Name: CIRCLE K 2723229
Address: 3741 HWY 17 BYPASS
City: MURRELLS INLET

Tank ID: 3
Status: **Abandoned**
Capacity: 8000
Product: Gasoline Super/Prem
Calcage: 5

Name: CIRCLE K 2723229
Address: 3741 HWY 17 BYPASS
City: MURRELLS INLET

Tank ID: 4
Status: **Abandoned**
Capacity: 4000
Product: Diesel fuel
Calcage: 5

SC GWIC:

Bureau: BLWM

CIRCLE K 2723229 (Continued) **U003666068**

EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	03713
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 03713. RBCA Classification 1D4. Active corrective action.

IH1108 **CIRCLE K 2720301** **LUST** **U003622843**
Target **3730 HWY 17 BYPASS** **UST** **N/A**
Property **MURRELLS INLET, SC**

Site 2 of 2 in cluster IH

Actual:
10 ft.

Focus Map:
46

LUST:

Name:	CIRCLE K 2720301
Address:	3730 HWY 17 BYPASS
City,State,Zip:	MURRELLS INLET, SC 29576
Release Number:	1
Facility ID:	03716
Release Status Number:	Not reported
Substance:	PETROL
Tank Owner Company Name:	CIRCLE K STORES INC
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	02/11/2020
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	07/13/2018
EID:	Not reported

CIRCLE K 2720301 (Continued) **U003622843**

Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	NGUYENS
Cleanup Initiated Date:	08/01/2018
Prefix:	Not reported
Total Score:	1

UST:

Name:	CIRCLE K 2720301
Address:	3730 HWY 17 BYPASS
City:	MURRELLS INLET
Facility ID:	03716
Permit:	R 03716
Owner:	CIRCLE K STORES INC
Owner Address:	1100 SITUS CT
Owner City, st, zip:	RALEIGH NC 27606
Owner Phone:	800-476-7574

Tank ID:	1
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline RUL
Calcage:	5

Name:	CIRCLE K 2720301
Address:	3730 HWY 17 BYPASS
City:	MURRELLS INLET

Tank ID:	2
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Plus
Calcage:	5

Name:	CIRCLE K 2720301
Address:	3730 HWY 17 BYPASS
City:	MURRELLS INLET

Tank ID:	3
Status:	**Currently in Use**
Capacity:	10000
Product:	Gasoline Super/Prem
Calcage:	5

Count: 101 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CONWAY	1024894000	SCDOT	US 501 BUSINESS OVER WACCAMAW RIVER	29526	RCRA-SQG
CONWAY	1004779877	SCARNG CONWAY	16TH AVE AT WARD CIRCLE	29526	RCRA-VSQG
CONWAY	S108051898	COPPERHEAD ROAD SITE	4005 BLOCK OF COPPERHEAD RD OFF HWY 701	29527	SHWS
CONWAY	S108664282	WILBUR DRUM SITE	WILBUR RD	29527	SHWS
CONWAY	S117667510	FOWLER MOTOR COMPANY	HWY 501 CONWAY	29526	SHWS
CONWAY	U003526072	TREASURE CHEST	RT 3 PO BOX 308		LUST, UST
CONWAY	U003525039	SCOTCHMAN 25	HWY 544 & GALE RD /RT 6 PO BOX 137		LUST, UST, GWCI
CONWAY	U003524856	SANTEE COOPER TRANSMISSION OPERATION	GRAINGER STA HWY 501 BYPASS		LUST, UST
CONWAY	U003988181	TODDS COUNTRY CORNER	INT OF HWY 378 & ANTIOCH RD		LUST, UST, GWCI
CONWAY	U003522507	INTERNATIONAL PAPER CO	HWY 544 4 MI E CONWAY		LUST, UST
CONWAY	U004018997	SOUTHERN BAKERIES INC	RT 1 PO BOX 406 HWY 501		UST
CONWAY	U004256085	OLE PEDDLERS SHELL STOP III	HWY 501 E		UST
CONWAY	U003557774	CANAL INDUSTRIES INC	HWY 501 E		UST
CONWAY	U003557954	KMART 9195	WACCAMAW SQ 1641		UST
CONWAY	U003629937	SUBWAY 378 & 501	4804 WRIGHT BLVD		UST
CONWAY	U003524232	PELICAN BUILDING COMPONENTS	BUS HWY 501 RED HILL		UST
CONWAY	U003558676	WACCAMAW BUILDING CENTER	RED HILL SECTION		UST
CONWAY	U004256060	SQUEAKY S TEXACO	3 MI E OF CONWAY ON HWY 501		UST
CONWAY	U003522355	HORRY TELEPHONE COOPERATIVE INC	OFF HWY 501 5 MI E OF CONWAY		UST
CONWAY	U003522006	GURLEY R SC3700	SC 410 9 MI N OF CONWAY		UST
CONWAY	U003975588	HORRY TELEPHONE COOPERATIVE INC	HWY 701 APPROX 2 MI N OF CONWAY		UST
CONWAY	U003930019	HORRY TELEPHONE COOPERATIVE INC	HWY 701 APPROX 2 MI N OF CONWAY		UST
CONWAY	U003522356	HORRY TELEPHONE COOPERATIVE INC	HWY 109 APPROX 5 MI S OF CONWAY		UST
CONWAY	S120857582		100 PICH LANDING RD	29527	CDL
CONWAY	S113910514		16TH AVE		CDL
CONWAY	S122875654		1390 US-501	29526	CDL
CONWAY	90080215		HIGHWAY 701		HMIRS
CONWAY	1005604193	RON TEAGUE/LEES LANDING CIR MN	LEES LANDING CIR	29526	ECHO
CONWAY	1007129181	WETLANDS (DR. REUBEN TIPTON)	ADJ. TO CAROLINA BAY PARKWAY/SR 22	29526	ECHO
CONWAY	1024727257	SCDOT	US 501 BUSINESS OVER WACCAMAW RIVER	29526	ECHO
CONWAY	1016186343	SCARNG CONWAY	16TH AVE AT WARD CIR	29526	ECHO
CONWAY	1005890607	C L BENTON/JACKSON BLUFF DOT	JACKSON BLUFF RD	29526	ECHO
CONWAY	1005890608	GOODSON/BUSTER BROWN PIT	WAYSIDE DR	00000	ECHO
CONWAY	1005648995	BURNIE JORDAN/JORDANS SAND PIT	HAMPTON ROAD	29527	ECHO
CONWAY	1012138349	BEN REAVIS	PEE DEE HIGHWAY	29527	ECHO
CONWAY	1024081400	MORRIS JORDAN/JORDAN SAND MINE	PEE DEE HWY	29527	ECHO
CONWAY	1024453648	BUCKSPORT PHASE XI WATER PROJECT-NORTHER WTP	PEE DEE HWY (SR 26 24)	29527	ECHO
CONWAY	1026034562	KAHM FARMS LLC/INGRAM MINE	SC HWY 24 (PEE DEE HWY)	29527	ECHO
CONWAY	1012298009	WETLANDS - PALMETTO PAVING, INC.	HIGHWAY 701 AND HIGHWAY 22, NORTH OF CONWAY	29526	ECHO
CONWAY	1016240539	COASTAL CAROLINA UNIVERSITY-MAIN CAMPUS	HIGHWAY 501	29526	ECHO
GEORGETOWN	1018281954	SCDOT	US 17 BRD PEE DEE/WACCAMAW ROW	29440	ECHO
MURRELLS INLET	1024893962	MYRTLE BEACH REHABILITATION HOSPITAL LLC	4070 HWY 17 BYPASS SOUTH 4TH FLR	29576	RCRA-VSQG

Count: 101 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MURRELLS INLET	S113669058		104 KINGS COURT	29576	CDL
MURRELLS INLET	1009606127	BM&P/POND ROAD MINE	POND RD	29576	ECHO
MURRELLS INLET	1005631217	BUSHWACKER INC/SAND HILL PIT	POND ROAD	29576	ECHO
MURRELLS INLET	1016274700	A W BOHANAN CO INC	11TH AVENUE	29576	ECHO
MURRELLS INLET	1012091174	PELHAM STEEL CO	PO BOX 1251	29576	ECHO
MYRTLE BEACH	1001091394	PAVILION WAREHOUSE 2	811 10TH AVE NORTH	29577	RCRA-VSQG
MYRTLE BEACH	1018281982	WALMART NEIGHBORHOOD MARKET 2870	3915 NORTH KING HWY	29577	RCRA-VSQG, ECHO
MYRTLE BEACH	1014961284	CVS PHARMACY 7386	512 S KING HWY	29577	RCRA-VSQG
MYRTLE BEACH	1004592812	CITY OF MYRTLE BEACH WWTF	10TH AVE NORTH EXTENSION	29577	RCRA-VSQG
MYRTLE BEACH	1019326571	SINGLE SOURCE INC	1306-B ENTERPRISE AVE	29577	RCRA-VSQG
MYRTLE BEACH	U003628748	SCOTCHMAN 69	3897 HWY 501 W PO BOX 400		LUST, UST, GWCI
MYRTLE BEACH	U004291436	501 SHELL	1350 HWY 501 & 3RD AVE		LUST, UST
MYRTLE BEACH	U003072932	NGOC NGUYEN	E PART LOT 1 BLOCK 11 WITHER		LUST, UST
MYRTLE BEACH	U004291431	HAGUE MARINA INC	1 HAGUE DR		LUST, UST
MYRTLE BEACH	U003523787	MYR RCAG 0864Q	10TH AVE EXT		LUST, UST
MYRTLE BEACH	U004254120	MBAFB MOGAS TANK	MYRTLE BEACH AFB		LUST, UST
MYRTLE BEACH	U004254178	MBAFB BX SRVC STATION	MYRTLE BEACH AFB		LUST, UST
MYRTLE BEACH	U003887408	CRESCENT BEACH CAR WASH	N MYRTLE BEACH		LUST, UST
MYRTLE BEACH	U003519904	CARTERS TEXACO	US 17 & 21ST AVE N		LUST, UST
MYRTLE BEACH	U004291440	501 ENTRY PARK	HWY 501 & E BROADWAY ST		LUST, UST
MYRTLE BEACH	U003628673	CHAPIN BULK PLANT	1819 JACKSON ST		LUST, UST
MYRTLE BEACH	U004291454	NORTHSIDE TEXACO	6701 N KINGS HWY & 67 AVE		LUST, UST
MYRTLE BEACH	U003868958	OIL ENGINE SUBSTATION	JACKSON ST		LUST, UST
MYRTLE BEACH	U004256080	MYRTLE BEACH TEXACO	US 17 AT 1ST & 2ND AVE		LUST, UST
MYRTLE BEACH	U003525782	TARMAC-LONE STAR INC	PO BOX 432		UST
MYRTLE BEACH	U004256071	MYRTLE BEACH LUMBER CO	8TH AVE NO EXT		UST
MYRTLE BEACH	U003521851	GRAND STRAND AMUSEMENT PARK	4TH AVE S		UST
MYRTLE BEACH	U003523791	MYRTLE BEACH LUMBER	8TH AVE NO EXT		UST
MYRTLE BEACH	U003525745	SWIFT INDEPENDENT	8TH AVE NORTH EXT		UST
MYRTLE BEACH	U004246009	WALMART NEIGHBORHOOD MARKET 5923	NE CORNER OF FARROW PKWY AND I 17		UST
MYRTLE BEACH	U003523671	MONTGOMERY CONSTR CO INC	350 ENTERPRISE RD		UST
MYRTLE BEACH	U003522269	HIGHWAY 544 REMOTE SITE	INTERSEC HWY 544 & JONES RD		UST
MYRTLE BEACH	U003522991	KMART 9117	GRAND STRAND PLAZA KINGS HWY		UST
MYRTLE BEACH	S113669708		PRESWICK COUNTRY CLUB 1035 LINKS ROAD	29575	CDL
MYRTLE BEACH	S117884593		204 MISTER JOE WHITE AVE	29577	CDL
MYRTLE BEACH	S109683482	SEA PALMS MOTEL ROOM 106	313 7TH AVE NORTH		CDL
MYRTLE BEACH	S109683094	6446 BAR HARBOR MOTOR INN	101 N OCEAN BLVD		CDL
MYRTLE BEACH	S113669555		602 N OCEAN BLVD AT THE SANDBUCKET MOTEL (IN THE BACK OF A PICKUP TRUCK)		CDL
MYRTLE BEACH	S116710434		202 MYRTLE STREET	29577	CDL
MYRTLE BEACH	S120857629		HWY 501 & SEABOARD ST	29577	CDL
MYRTLE BEACH	S109951171	UNKNOWN HOUSE NUMBER	PEBBLE BEACH CRESCENT		CDL
MYRTLE BEACH	2004081552		17721 21ST AVENUE		HMIRS
MYRTLE BEACH	98010362		JASON BLVD		HMIRS
MYRTLE BEACH	1007483472	SCDOT CAROLINA BAYS	500 FT N OF SC 544 & ROSEBUD LN	29588	ECHO
MYRTLE BEACH	1004780391	CLASSIC AUTO REPAIR	21 CANNON ROAD	29578	ECHO
MYRTLE BEACH	1005532452	C L BENTON/CAROLINA FOREST MIN	CAROLINA FOREST BLVD	29577	ECHO

Count: 101 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MYRTLE BEACH	1016240362	LOW COUNTRY MARBLE INC	RT 1 HWY 707 SOCASTEE	29577	ECHO
MYRTLE BEACH	1016125572	SCDOT PEACHTREE	SC544 BRIDGE OVER PEACHTREE ROAD	29577	ECHO
MYRTLE BEACH	1007845561	C OWENS & SON/OWENS PIT	ENTERPRISE RD	29579	ECHO
MYRTLE BEACH	1016203492	NORTHGATE CLEANERS	HIGHWAY 17 BYPASS	29577	ECHO
MYRTLE BEACH	S119122368	DRYCLEAN USA COASTAL, INC.	2302 A NORTH KINGS HWY		DRYCLEANERS
NIXONVILLE	1007130131	WETLANDS (LIVINGSTON, WILLIAM, JR.)	OFF OLD HIGHWAY 90, NEAR WATTS BAY	29526	ECHO
SOCASTEE	1016044487	D&L/SCIPIO LANE POND MINE	SCIPIO LN & BURGESS ELEM SCHOO	29575	ECHO
SOCASTEE	1016044519	L&L CONTRACTORS/MCCLAM PIT	PEACHTREE RD	29588	ECHO
SOCASTEE	1007130200	WETLANDS (HORRY COUNTY)	INTERSECTION COLLINS CREEK & SC HWY 707	29526	ECHO
SURFSIDE BEACH	1001493856	PHILS AUTO BODY	1284 INDUSTRIAL PARK DR	29575	RCRA-VSQG, ECHO
SURFSIDE BEACH	U004291444	PIT STOP CAR WASHES INC	600 FRONTAGE RD S		LUST, UST
SURFSIDE BEACH	U003526213	UST - UNKNOWN 14105	14TH AVE S		UST
SURFSIDE BEACH	S113669592		712 4TH AVE	29575	CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Site Assessment Section Project List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/04/2020
Date Data Arrived at EDR: 09/10/2020
Date Made Active in Reports: 09/14/2020
Number of Days to Update: 4

Source: Department of Health and Environmental Control
Telephone: 803-898-0835
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/10/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 76

Source: Department of Health and Environmental Control
Telephone: 803-734-5165
Source: Department of Health and Environmental Control, GIS Section
Telephone: 803-896-4084
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/21/2020
Date Data Arrived at EDR: 04/22/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 79

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Comprehensive Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/28/2020
Number of Days to Update: 75

Source: Department of Health and Environmental Control
Telephone: 803-896-7957
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

CDL 2: Clandestine Drug Lab Listing
A listing of clandestine drug lab site locations.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 71

Source: South Carolina Law Enforcement Division
Telephone: 803-896-7136
Last EDR Contact: 09/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Sites
A listing of clandestine drug lab site locations.

Date of Government Version: 01/24/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29

Source: Department of Health & Environmental Control
Telephone: 803-896-4288
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/25/2018
Number of Days to Update: 34

Source: Department of Health & Environmental Control
Telephone: 803-898-3964
Last EDR Contact: 09/11/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner Database

The Drycleaning Facility Restoration Trust Fund database is used to access, prioritze and cleanup contaminated registered drycleaning sites.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 02/01/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 48

Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Annually

GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 11/06/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 13

Source: Department of Health and Environmental Control
Telephone: 803-898-3798
Last EDR Contact: 09/17/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Day Care List
Source: Department of Social Services
Telephone: 803-898-7345

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

STREET AND ADDRESS INFORMATION

APPENDIX I

Cultural Resources Memorandum

September 25, 2020

Ms. Kally McCormick
CECS, Inc.

RE: Desktop Review of Cultural Resources Located within the Southern Evacuation Lifeline Study Area

The statewide cultural resources database, ArchSite, was queried on September 21 and 22, 2020. The query extracted all records for cultural resources recorded within the Southern Evacuation Lifeline (SELL) study area. For this study, culturally sensitive resources were defined as all resources listed, eligible, or unevaluated for listing on the National Register of Historic Places (NRHP), and cemeteries. The identified resources include historic districts, archaeological sites, structures, and cemeteries. The districts and archaeological sites are symbolized as polygons. Structures and cemeteries are symbolized as points. The submitted geodatabase (SELL_Cultural_Resources) contains six feature classes, projected in NAD 1927 UTM 17N (EPSG: 26717). They are listed in the following table:

Table 1. Feature Class Contents

Resource Type	**Feature Class Name**	**Number of Resources**
NRHP Listed Structures	NRHP_Listed_Structures	23
NRHP Listed Historic Districts	NRHP_Listed_Properties	9
Eligible Historic Structures	Elig_Hist_Structures	8
Eligible Historic Districts	Elig_Hist_Areas	8
Eligible or Unevaluated Archaeological Sites	Elig_FW_Arch_Sites	57
Cemeteries	Cemeteries_GNIS	5
Total Resources		**110**

The query identified 110 known culturally sensitive resources within the SELL study area. This includes 32 resources that are listed on the NRHP, and 73 resources that or eligible or unevaluated for listing. The five included cemeteries were recorded by the federal Geographic Names Information System (GNIS). These are by far not the only cemeteries located within the SELL study area. The website Findagrave.com has 80 cemetery entries for Georgetown County and 160 entries for Horry County. Cemeteries are protected by South Carolina law (S.C. Code of Laws, Section 16-17-600; 27-43-10 through 27-43-40; and 6-1-35).

Please let us know if you have any questions about the data or need additional information.

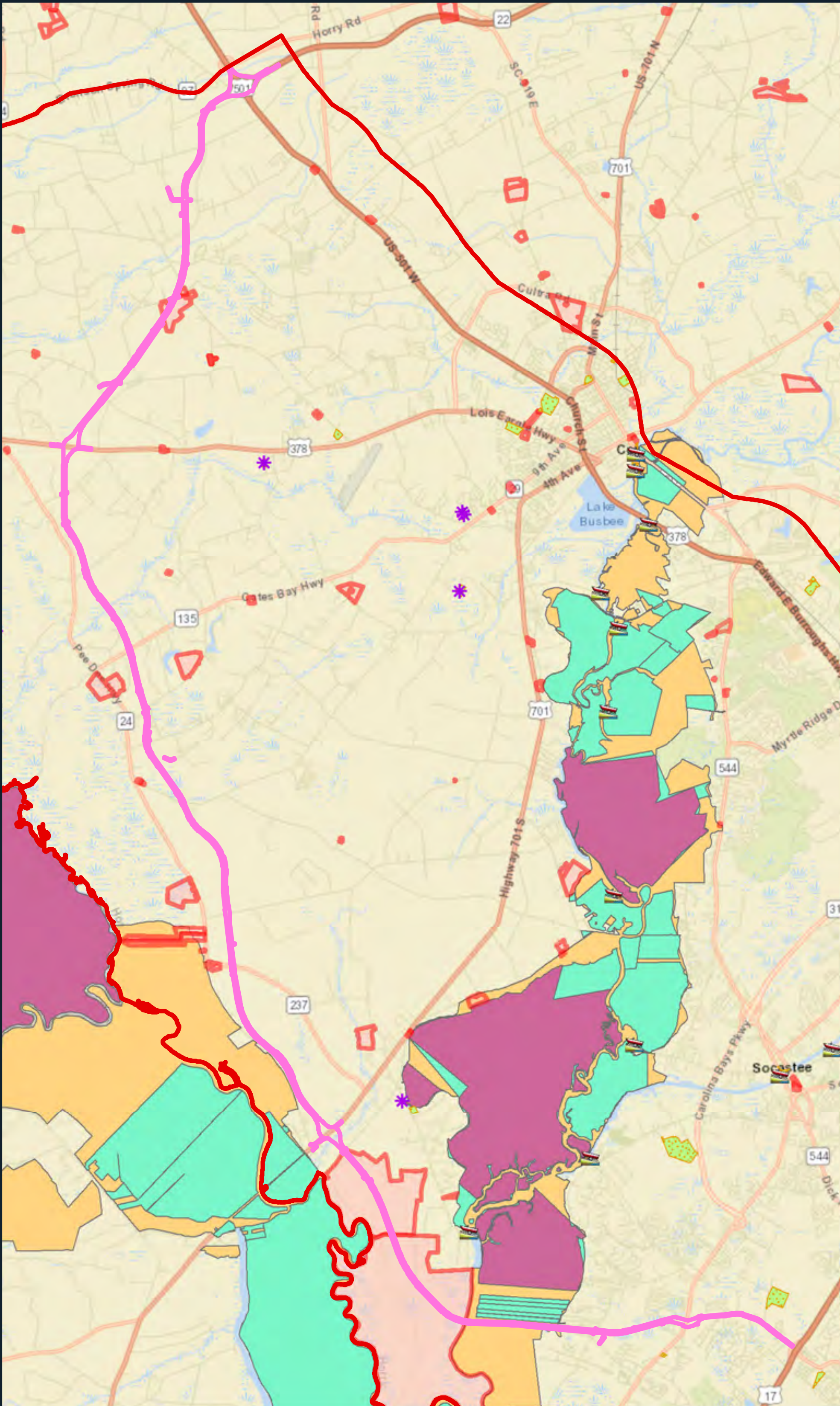
Sincerely,

NEW SOUTH ASSOCIATES

Natalie Adams Pope
Executive Vice President, SC Branch Manager

APPENDIX J

Park and Recreation Areas Conceptual Impacts



1 inch = 2.6 miles

0 1 2

Miles

@ 8.5 x 11 inches

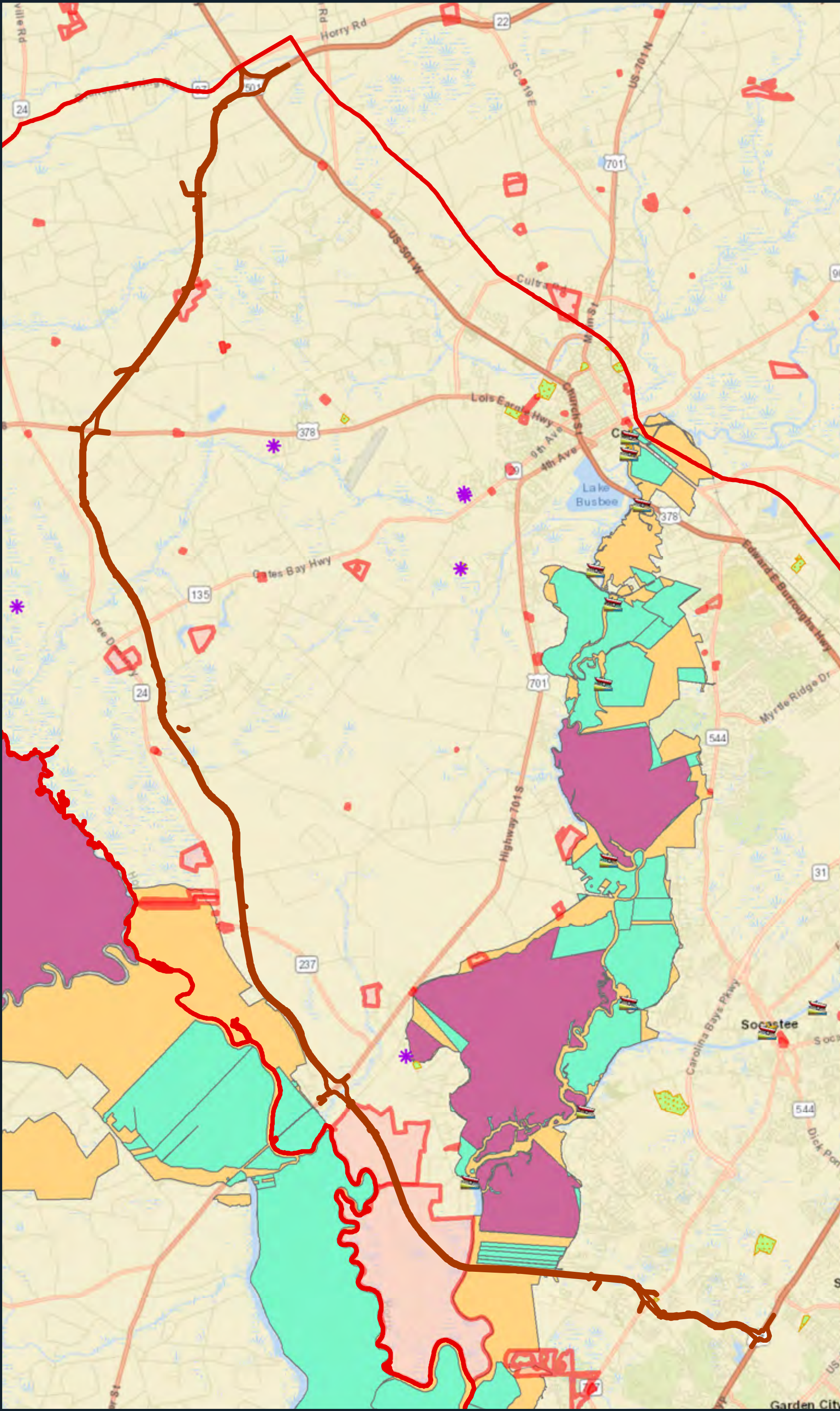
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 1
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-1
Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

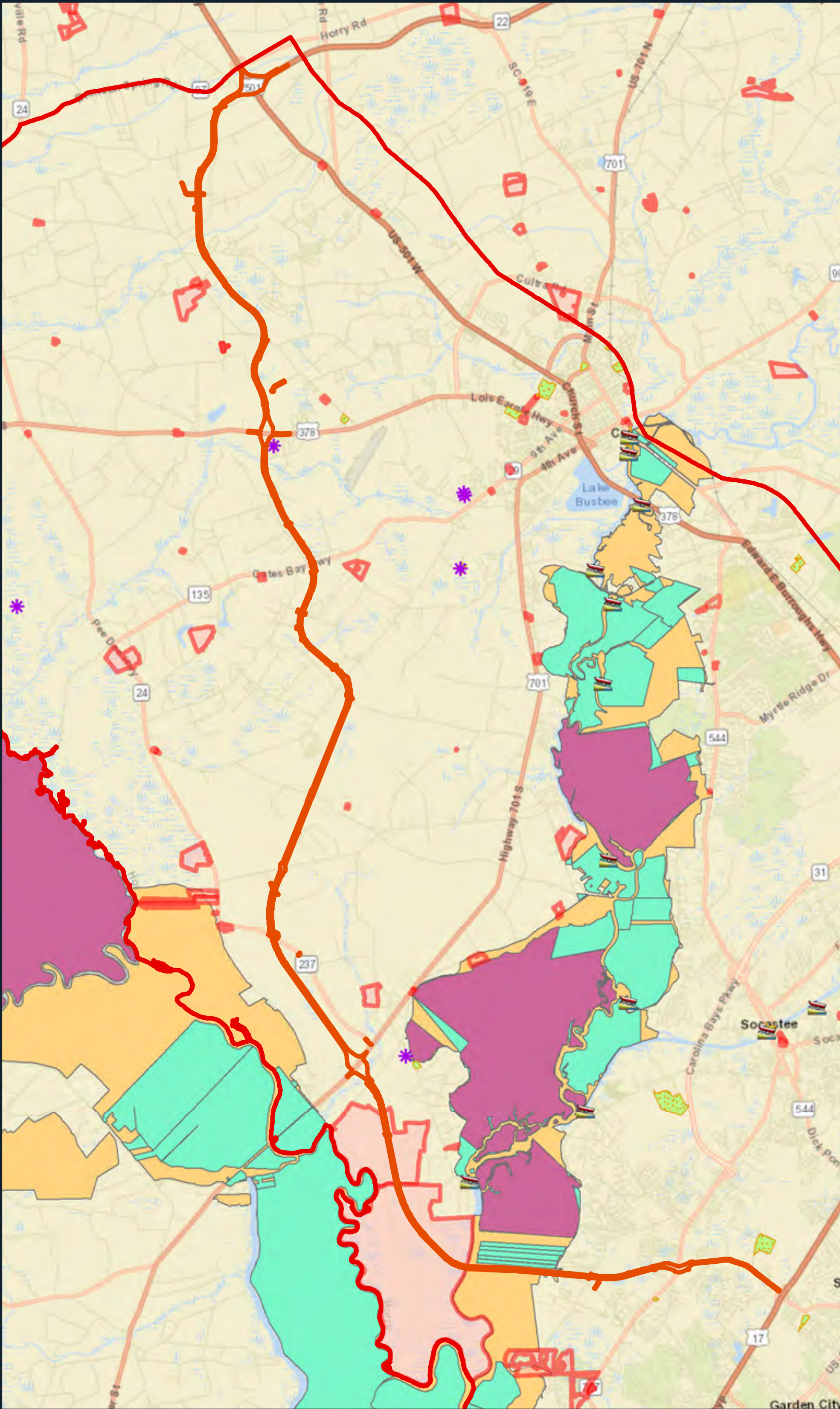
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 2
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-2
Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

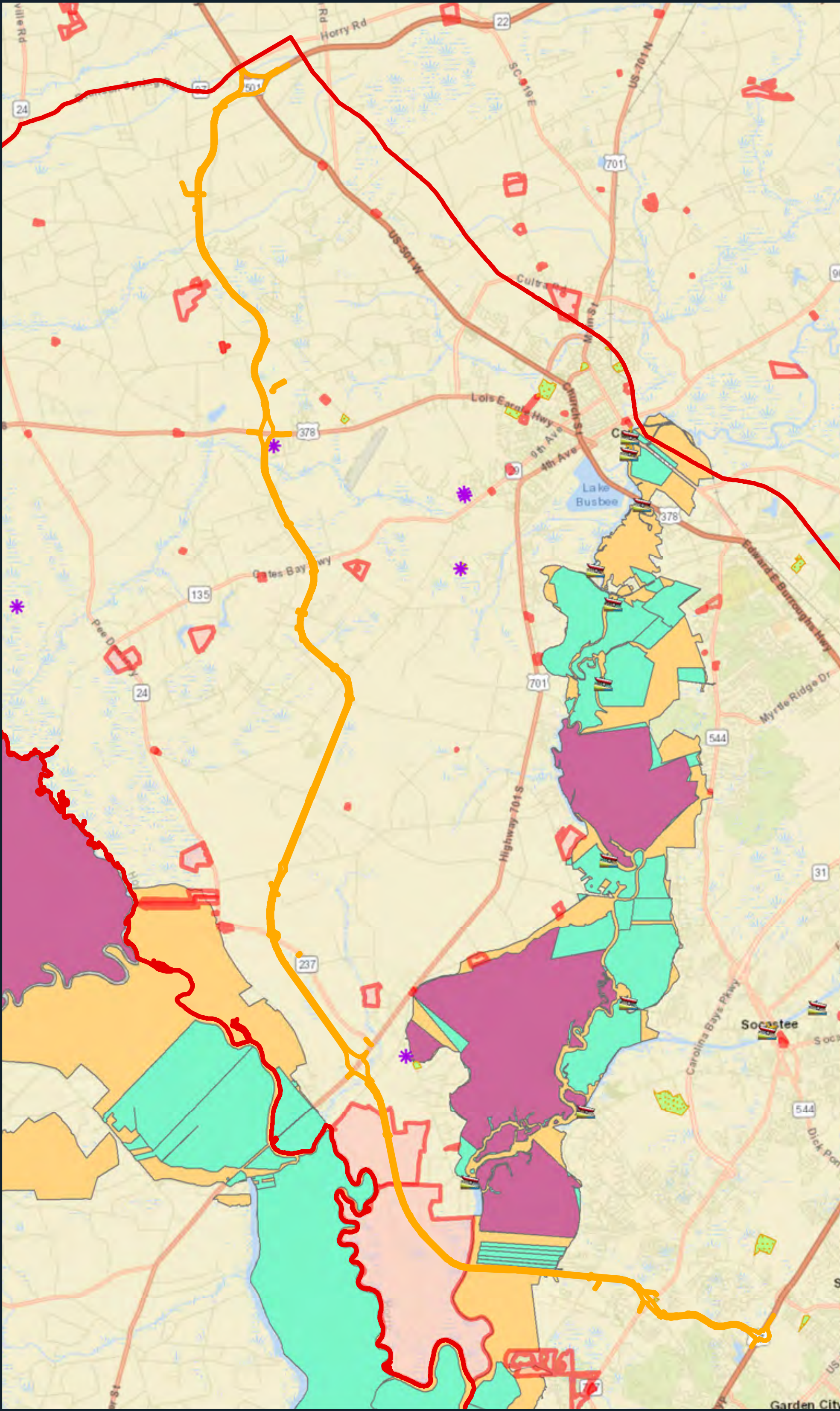
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 3
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-3 Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

N

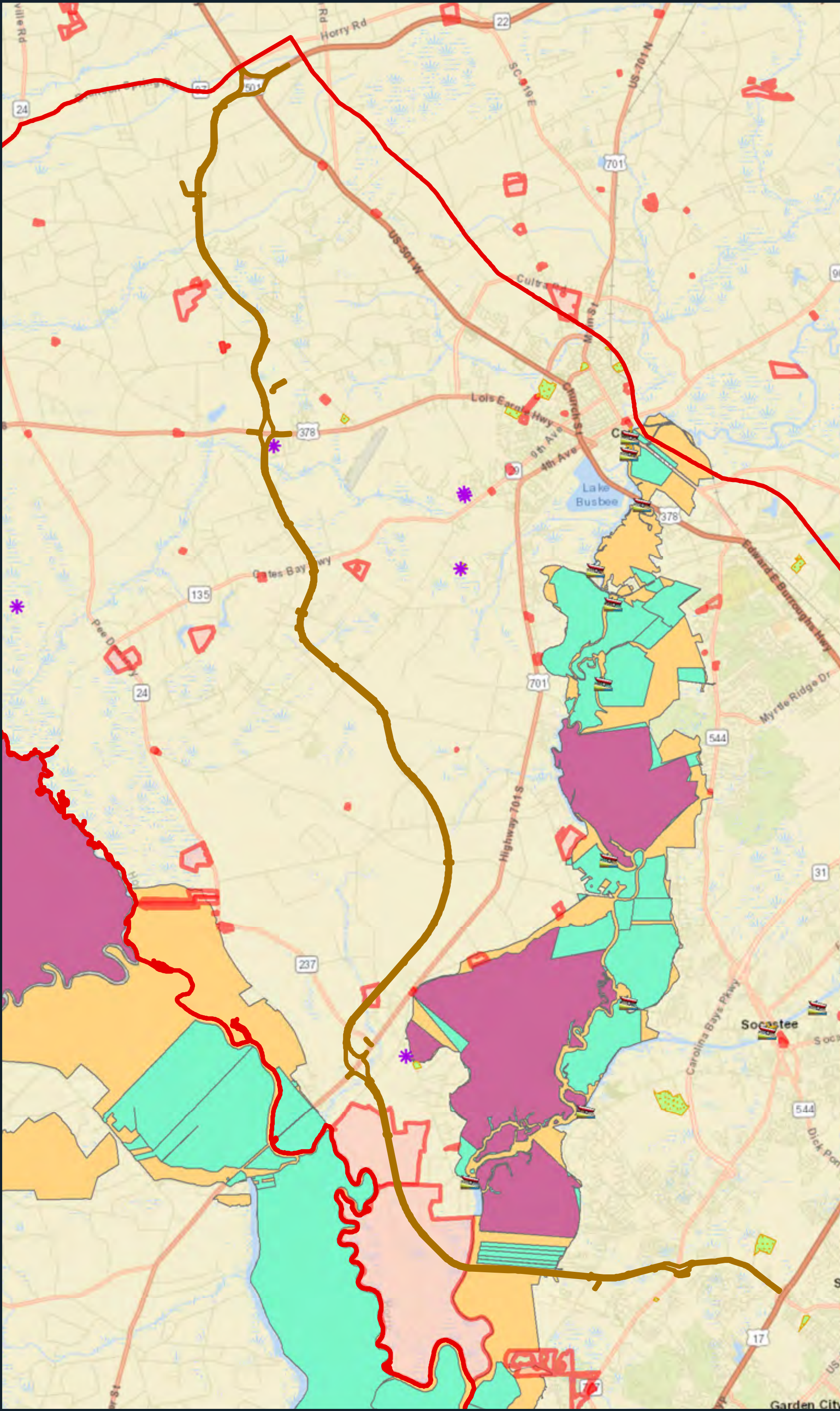
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 4
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-4
Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

N

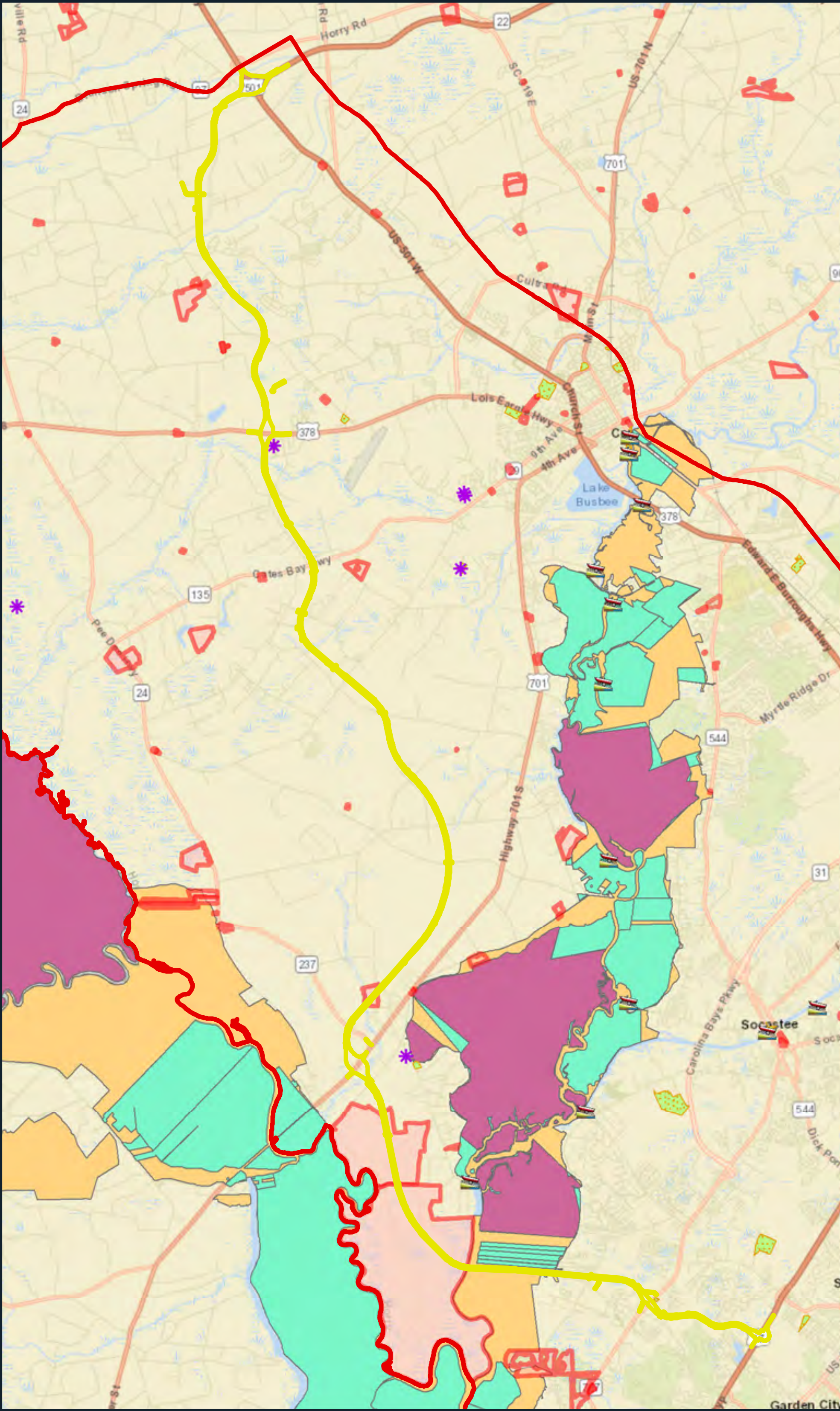
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 5
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-5
Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

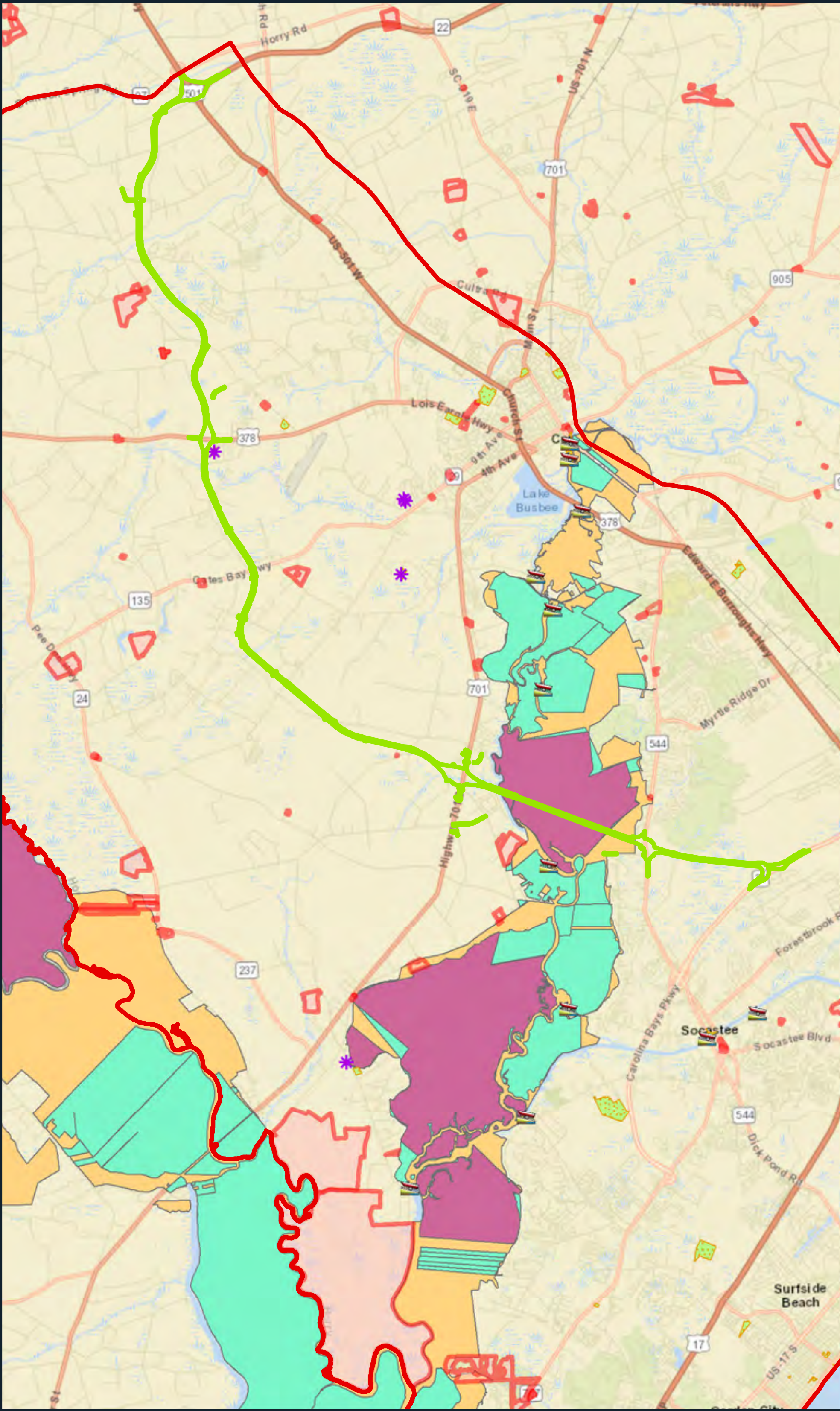
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 6
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-6 Parks & 6(f) Parcels Map

06/2023



Horry County
Committed to Excellence

RIDE 3

SCDOT
South Carolina Department of Transportation

1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

N

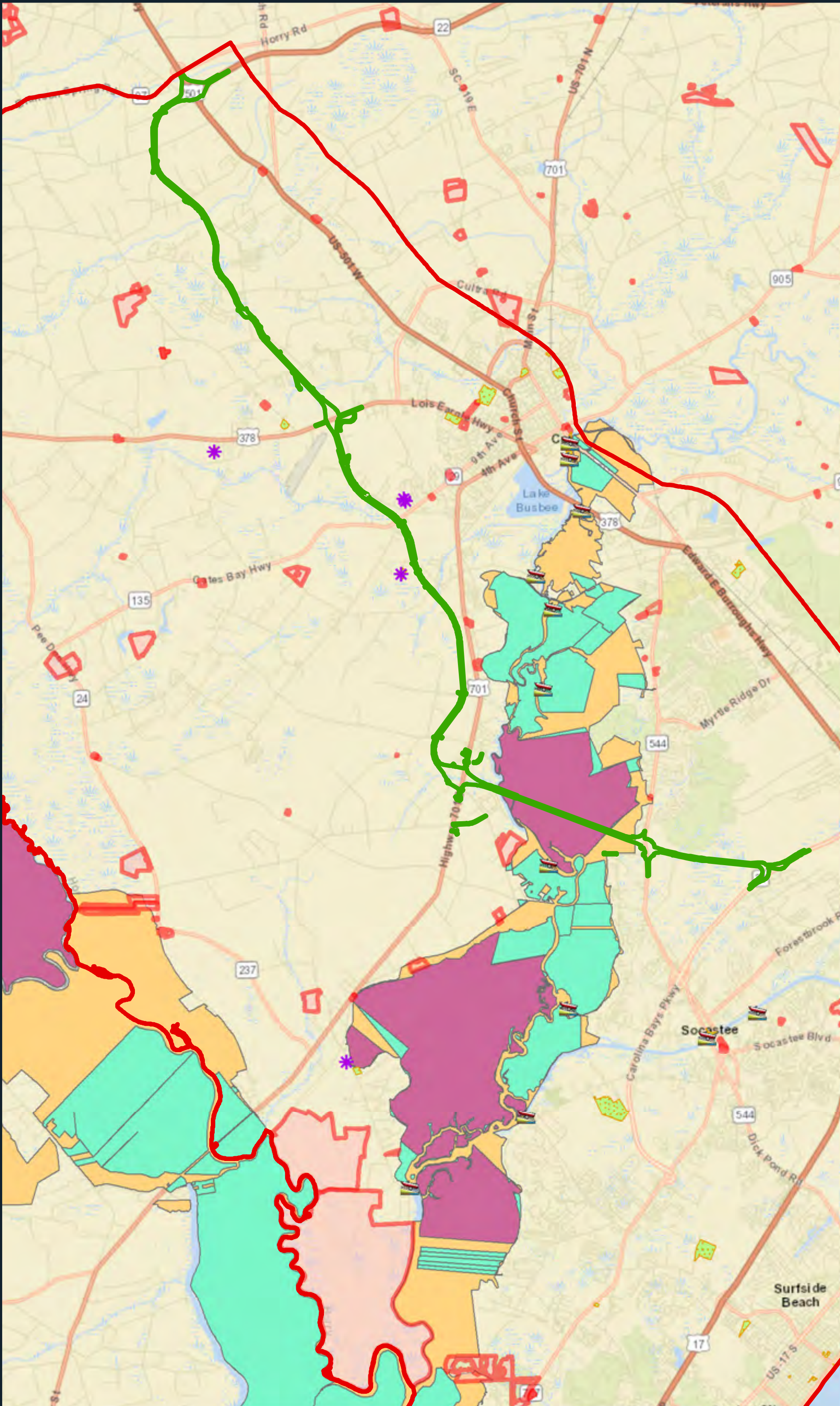
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 7
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-7
Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

N

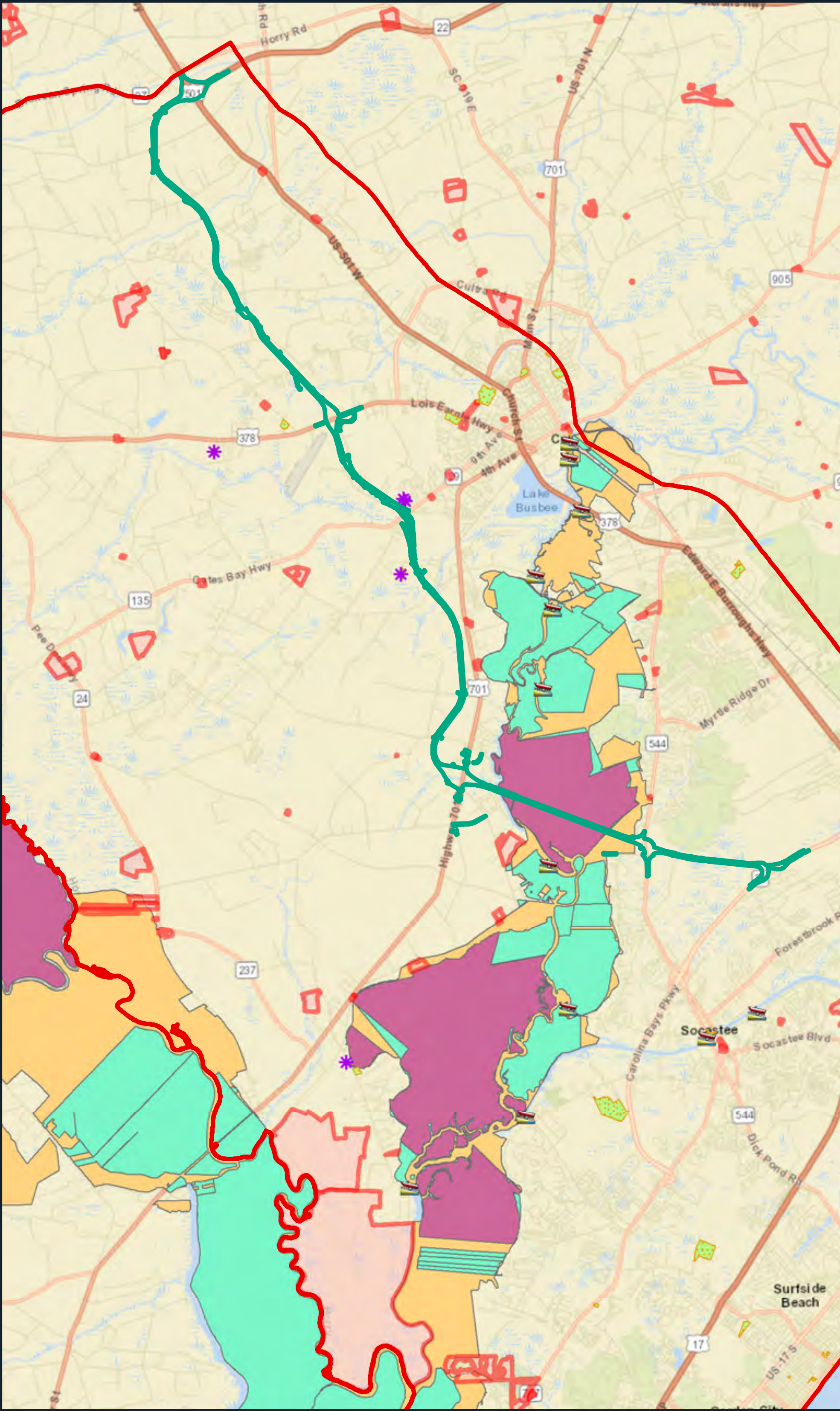
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 8
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-8
Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

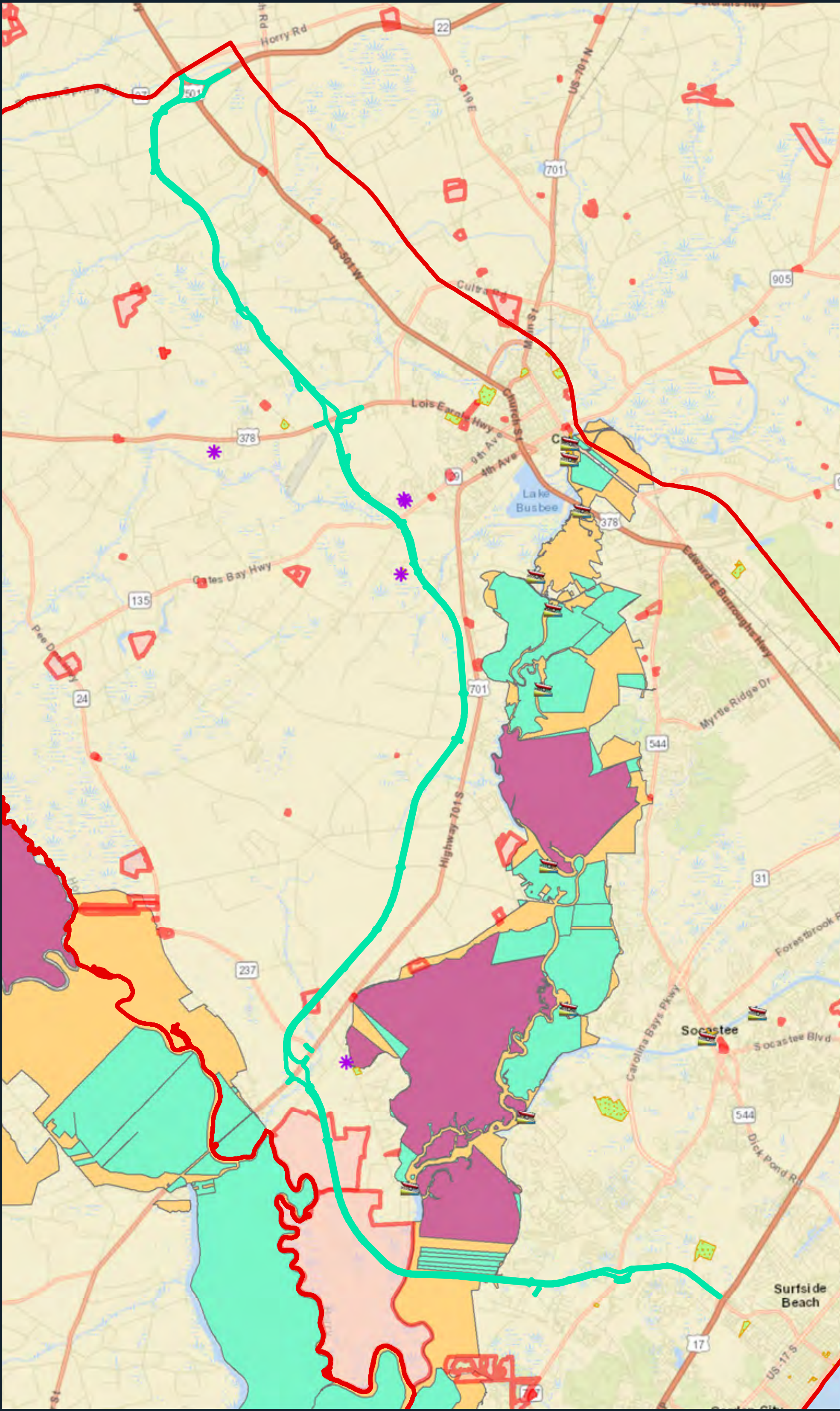
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 9
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-9
Parks & 6(f) Parcels Map

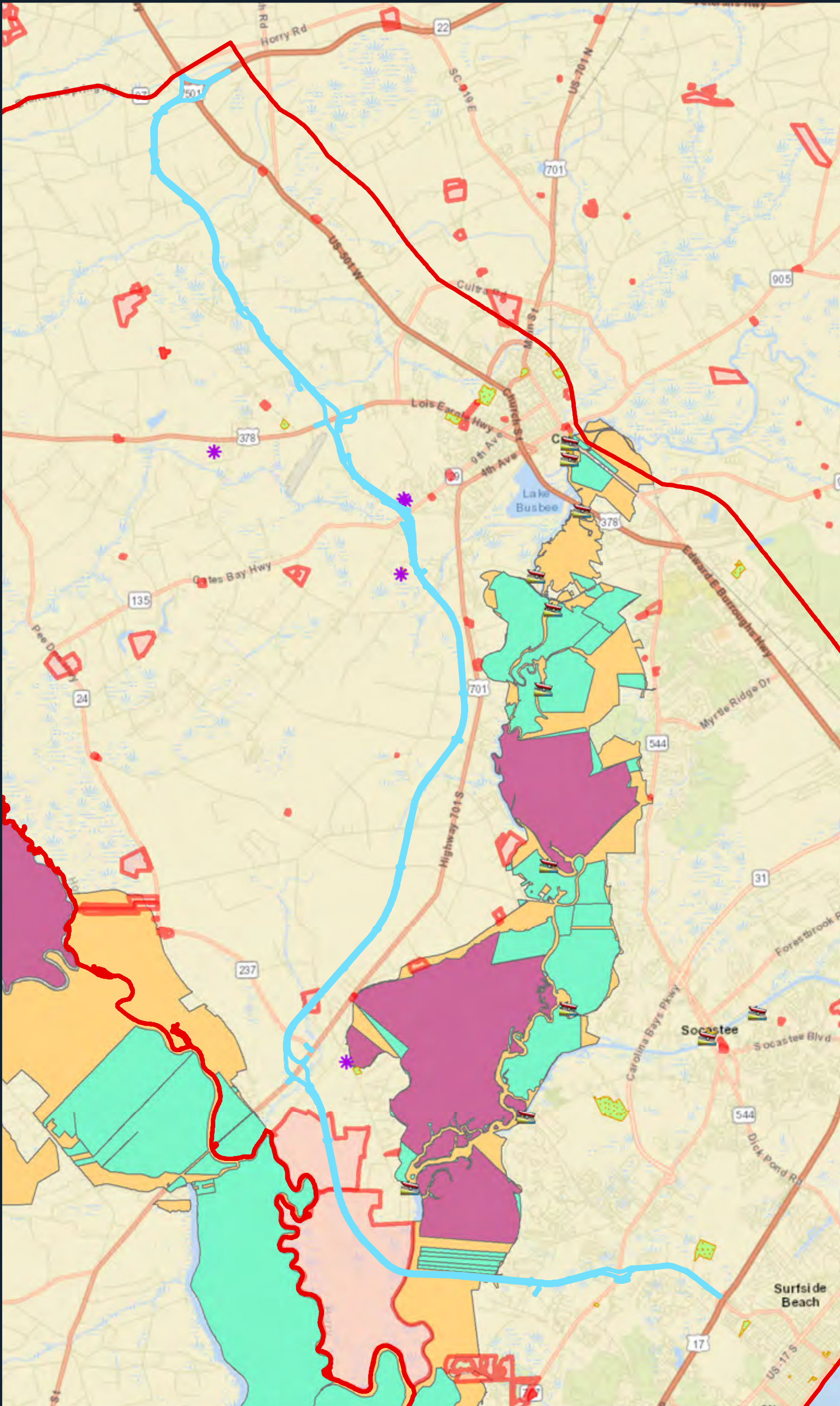
06/2023



Horry County
Committed to Excellence
RIDE 3
SCDOT
South Carolina Department of Transportation

Figure 14-10
Parks & 6(f) Parcels Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

N

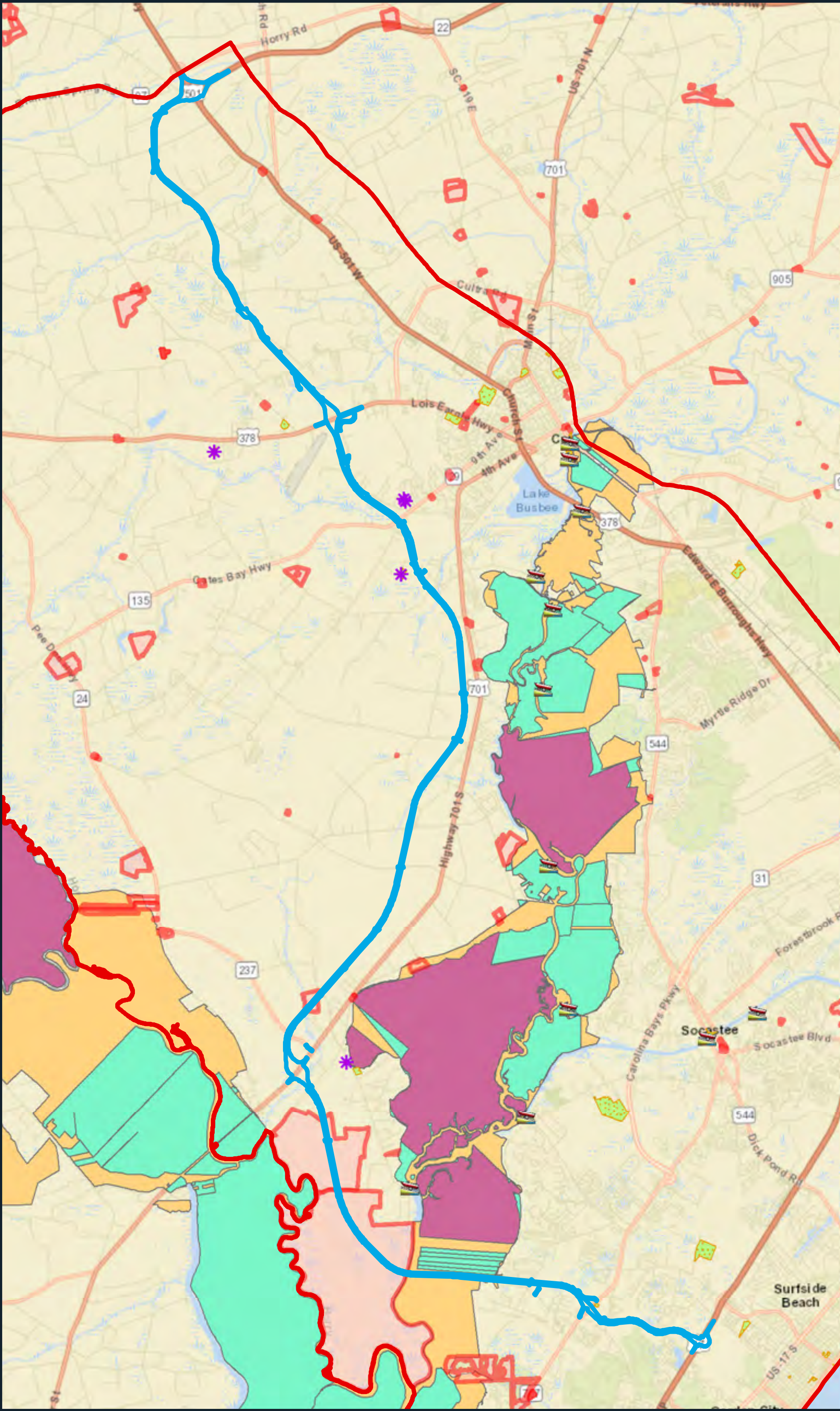
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 11
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-11
Parks & 6(f) Parcels Map

06/2023



Horry County
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RIDE3
SCDOT
South Carolina Department of Transportation

1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

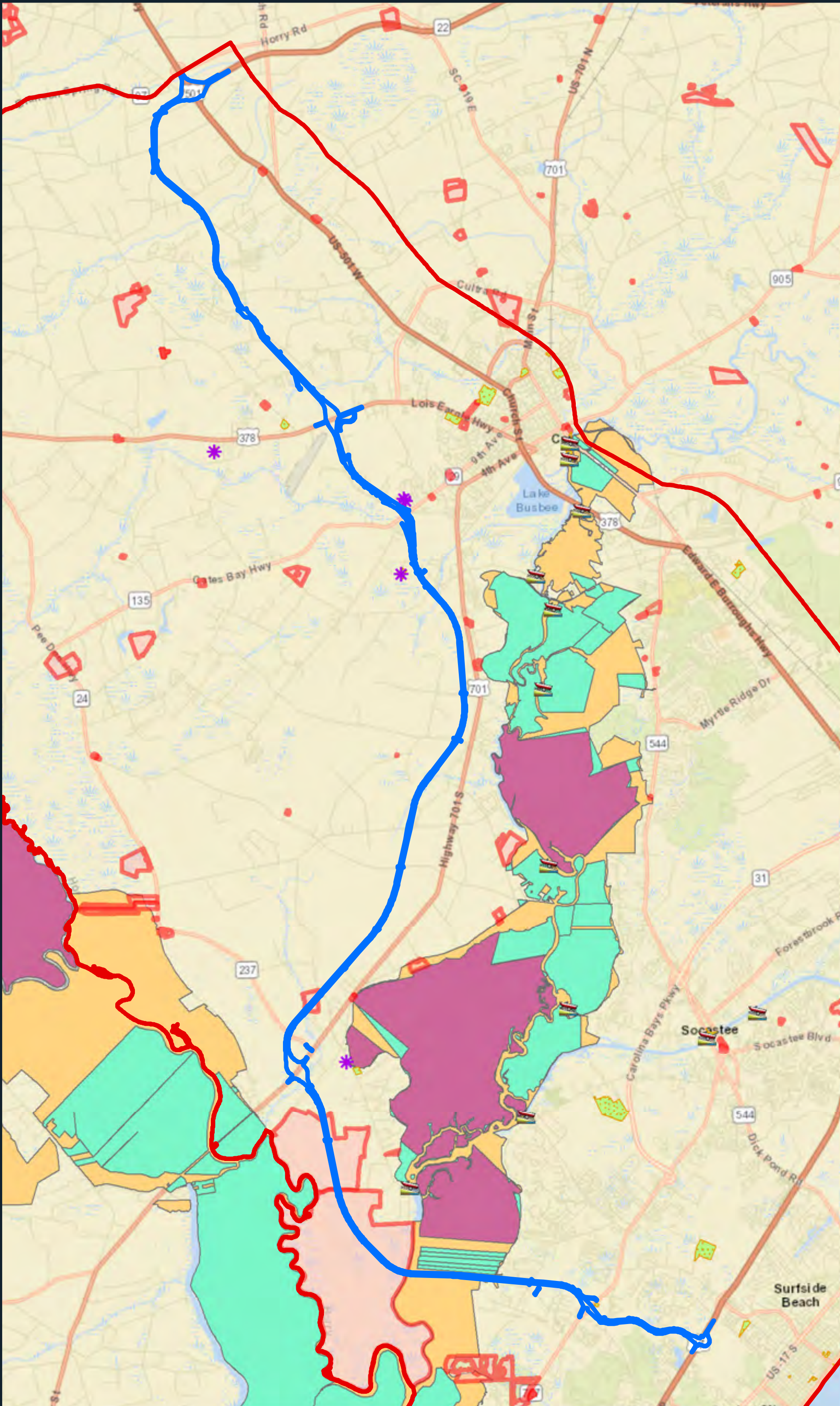
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 12
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-12
Parks & 6(f) Parcels Map

06/2023



Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation

1 inch = 2.8 miles

0 1 2
Miles
@ 8.5 x 11 inches

N

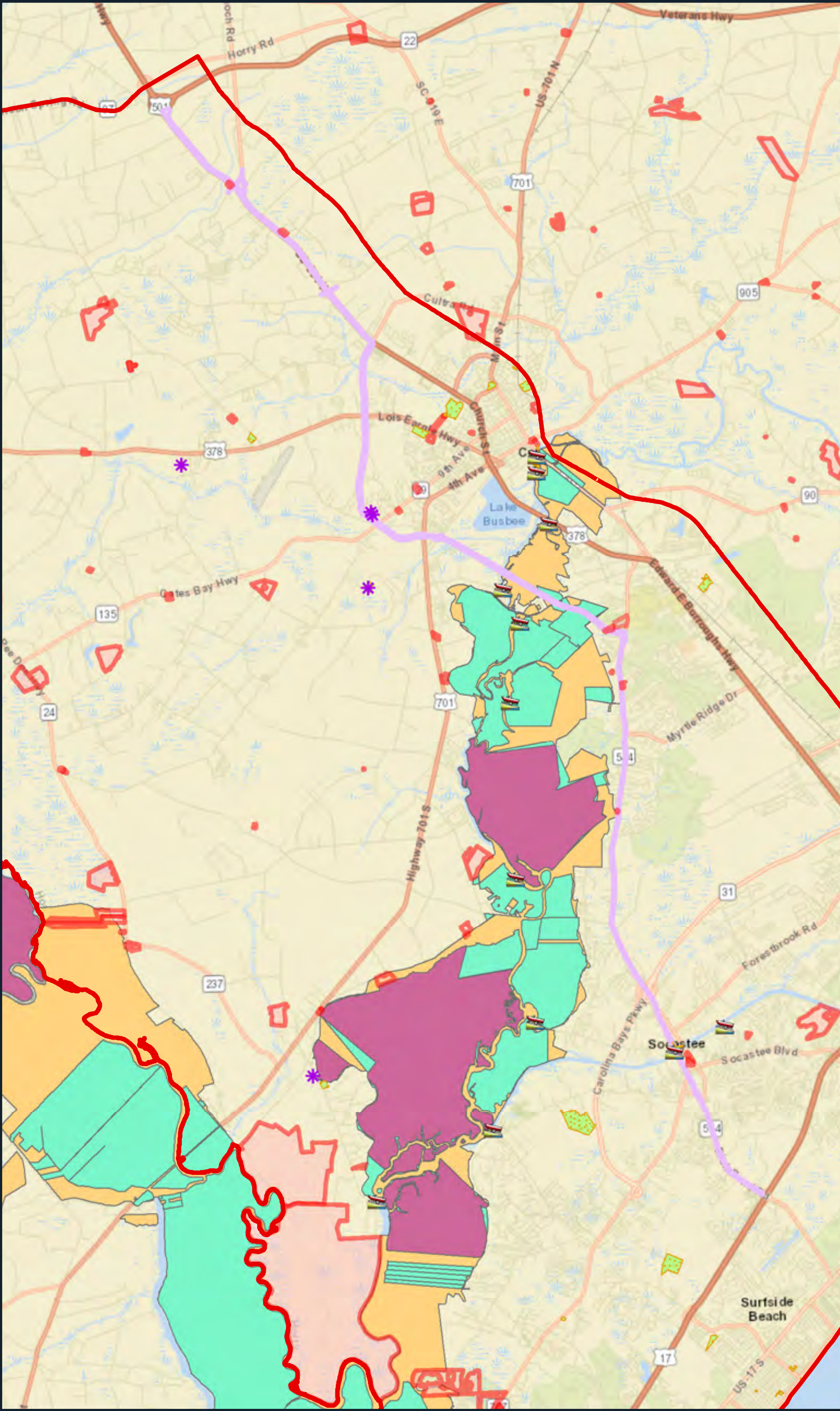
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 13
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-13
Parks & 6(f) Parcels Map

06/2023



Horry County
Committed to Excellence

RIDE 3

SCDOT
South Carolina Department of Transportation

1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 14
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-14
Parks & 6(f) Parcels Map

06/2023

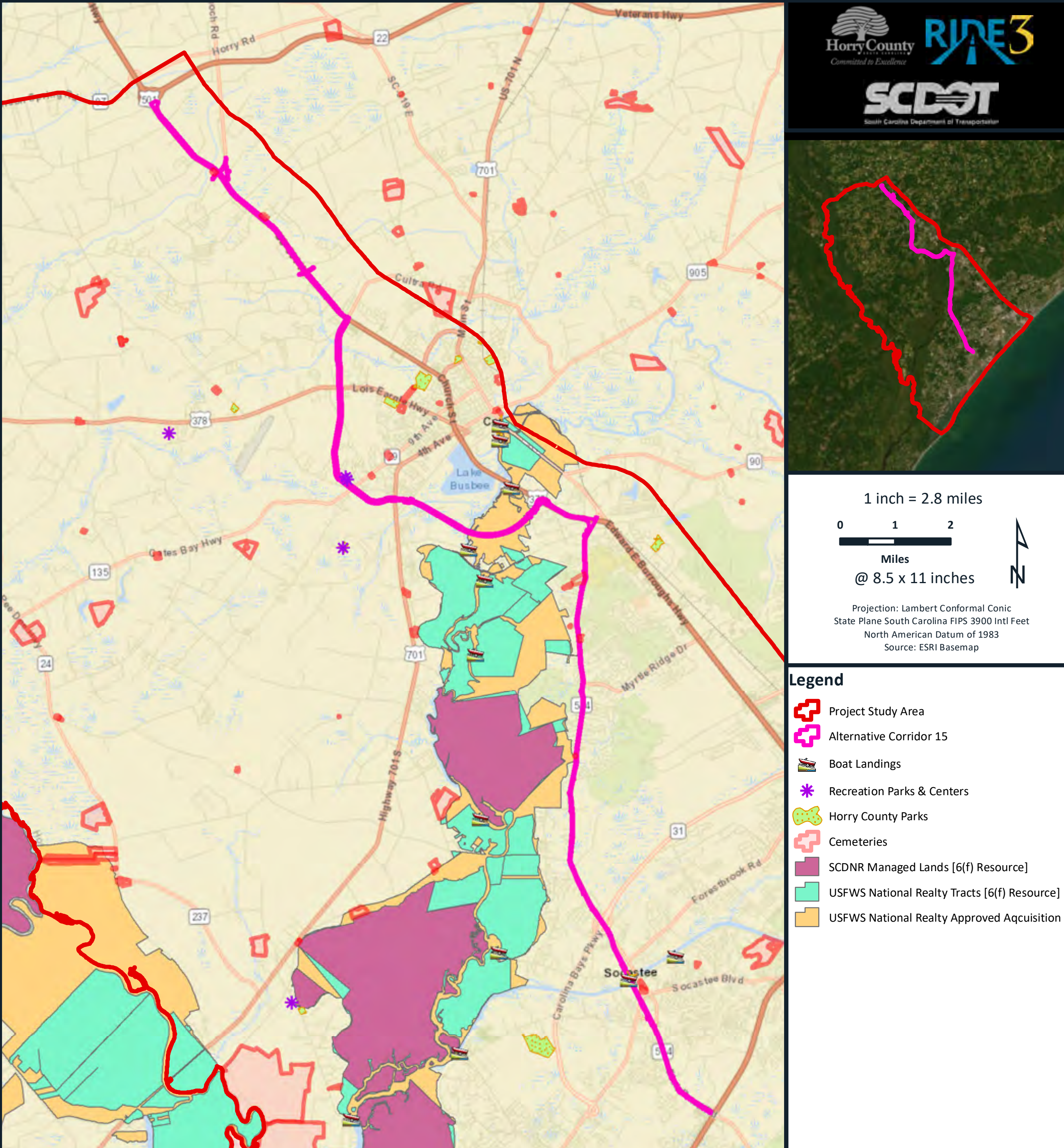
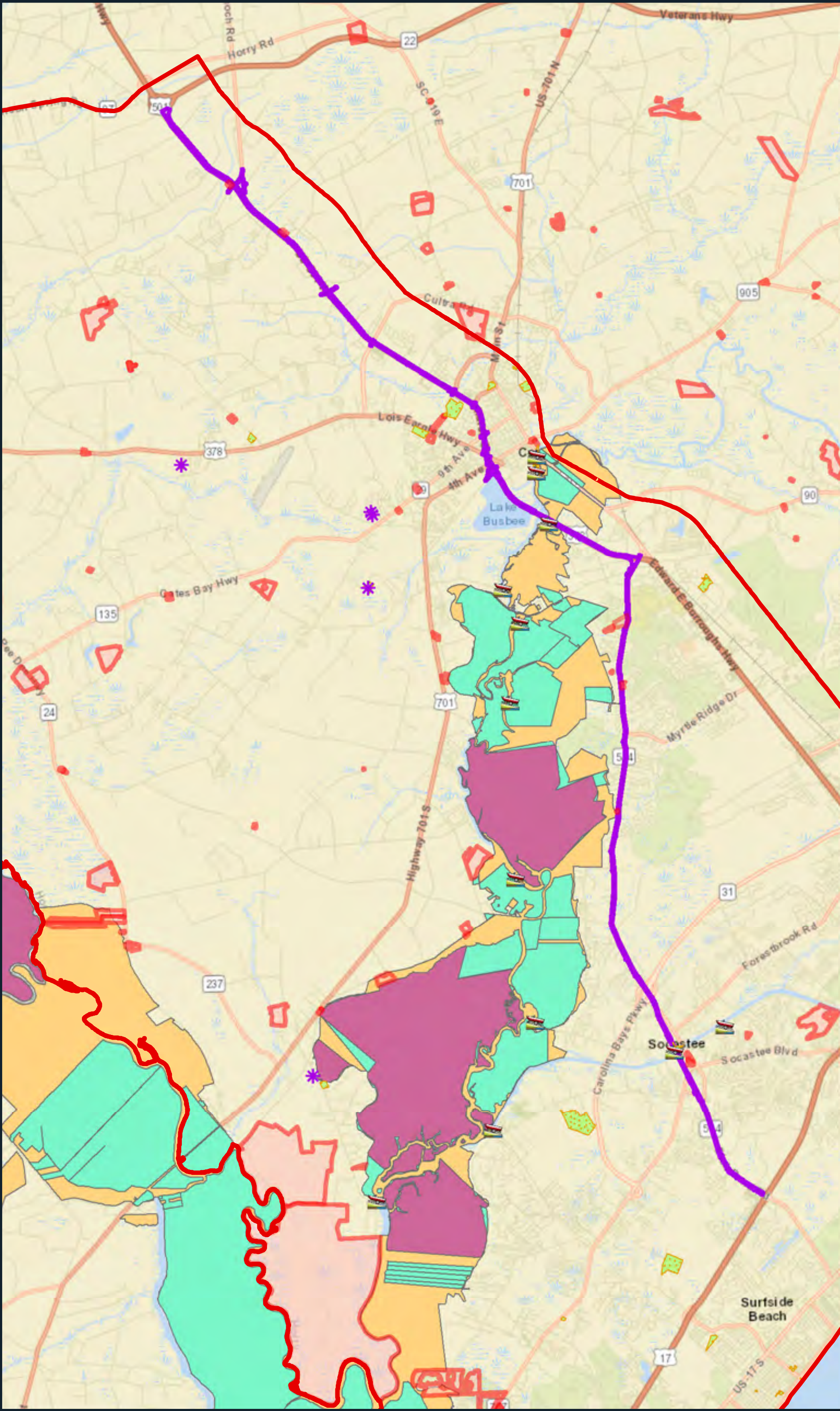


Figure 14-15
Parks & 6(f) Parcels
Map

06/2023



1 inch = 2.8 miles

0 1 2

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternative Corridor 16
- Boat Landings
- Recreation Parks & Centers
- Horry County Parks
- Cemeteries
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition

Figure 14-16
Parks & 6(f) Parcels Map

06/2023

APPENDIX K

Community Impact Data

APPENDIX A

U.S. CENSUS DATA TABLES

Characteristics		Total population	Median age (years)	White	Average household size	Median household income	Minority	Poverty	LEP
South Carolina	Number	5,091,517	39.7	3,230,111	2.5	54,864	1,861,406	726,470	Block Group data only
	Percentage	100	-	63.4	-	-	**36.6**	**14.3**	
Horry County	Number	344,186	46.7	266,186	2.5	51,570	78,000	48,449	
	Percentage	100	-	77.3	-	-	**22.7**	**14.1**	
Census Tract 514.05	Number	4,147	No Data	3,754	2.2	54,476	393	422	
	Percentage	100	-	90.5	-	-	9.5	10.2	
Census Tract 515.01	Number	5,653	41	4,004	3.1	51,453	1,649	751	
	Percentage	100	-	70.8	-	-	29.2	13.3	
Census Tract 515.02	Number	9,731	40.3	7,290	2.6	44,349	2,441	2,020	
	Percentage	100	-	74.9	-	-	25.1	20.8	
Census Tract 516.03	Number	5,952	56.9	5,211	2.1	72,582	741	543	
	Percentage	100	-	87.6	-	-	12.4	9.1	
Census Tract 516.05	Number	7,761	48.9	6,926	2.9	78,927	835	172	
	Percentage	100	-	89.3	-	-	10.8	2.2	
Census Tract 516.06	Number	5,728	53.9	4,710	2.6	65,865	1,018	1,386	
	Percentage	100	-	82.2	-	-	17.8	24.2	
Census Tract 516.07	Number	6,829	40.3	5,743	2.9	69,793	1,086	657	
	Percentage	100	-	84.1	-	-	15.9	9.6	
Census Tract 516.09	Number	6,260	61.2	6,000	2	72,409	260	271	
	Percentage	100	-	95.8	-	-	4.2	4.3	
Census Tract 601.01	Number	5,451	20.8	3,167	3.9	46,972	2,284	934	
	Percentage	100	-	58.1	-	-	41.9	17.1	
Census Tract 601.02	Number	3,674	45.9	2,678	3.1	50,658	996	676	
	Percentage	100	-	72.9	-	-	27.1	18.4	
Census Tract 602.03	Number	9,274	47	7,863	2.6	55,980	1,411	637	
	Percentage	100	-	84.8	-	-	15.2	6.9	
Census Tract 602.04	Number	7,837	No Data	6,660	2.3	50,737	1,177	380	
	Percentage	100	-	85.0	-	-	15	4.8	
Census Tract 604.03	Number	3,157	40.8	2,523	2.7	47,386	634	562	
	Percentage	100	-	79.9	-	-	20.1	17.8	
Census Tract 604.05	Number	7,606	24.7	5,178	3.1	42,066	2,428	2,280	
	Percentage	100	-	68.1	-	-	31.9	30	
Census Tract 604.06	Number	6,511	54	5,318	2.4	57,545	1,193	434	
	Percentage	100	-	81.7	-	-	18.3	6.7	
Census Tract 703	Number	4,796	45.5	2,630	2.2	30,588	2,166	972	
	Percentage	100	-	54.8	-	-	45.2	20.3	
Census Tract 704	Number	6,593	38.4	3,493	2.7	32,363	3,100	1,211	
	Percentage	100	-	53.0	-	-	47	18.4	
Census Tract 705	Number	3,587	42.3	2,117	2.4	40,753	1,470	660	
	Percentage	100	-	59.0	-	-	41	18.4	
Census Tract 706.01	Number	4,203	41.8	3,418	2.9	56,554	785	834	
	Percentage	100	-	81.3	-	-	18.7	19.8	
Census Tract 706.02	Number	5,388	49.4	3,991	2.6	44,195	1,397	513	
	Percentage	100	-	74.1	-	-	25.9	9.5	
Census Tract 707.01	Number	6,903	41.5	5,648	2.8	56,054	1,255	915	
	Percentage	100	-	81.8	-	-	18.2	13.3	
Census Tract 707.02	Number	5,782	41.4	3,568	3	40,761	2,214	855	
	Percentage	100	-	61.7	-	-	38.3	14.8	
Census Tract 802	Number	4,801	37.5	4,184	3	43,546	617	949	
	Percentage	100	-	87.1	-	-	12.9	19.8	
514.05 BG 2	Number	1,846	55.7	1,691	2.03	66,842	155	152	0
	Percentage	100	-	91.6	-	-	8.4	8.2	0
515.01 BG 1	Number	2,077	53.4	1581	2.8	40,458	496	215	9
	Percentage	100	-	76.1	-	-	23.8	10.4	0.49
515.02 BG 1	Number	5,267	34.4	3,259	2.5	37,060	2,008	1,587	0
	Percentage	100	-	61.9	-	-	38.1	30.1	0
515.02 BG 3	Number	2,865	51.6	2,715	3	47,480	150	255	15
	Percentage	100	-	94.8	-	-	5.2	8.9	0.64
516.03 BG 1	Number	1,692	57	1,587	2.08	82,594	105	18	0
	Percentage	100	-	93.8	-	-	6.2	1.1	0
516.05 BG 1	Number	3,028	56.1	2,936	2.37	70,152	92	47	0
	Percentage	100	-	97.0	-	-	3	1.6	0
516.05 BG 2	Number	2,207	31.2	1,821	3.96	66,563	386	71	0
	Percentage	100	-	60.1	-	-	17.5	3.2	0
516.05 BG 3	Number	2,526	53.9	2,170	2.86	77,750	356	54	0

Characteristics		Total population	Median age (years)	White	Average household size	Median household income	Minority	Poverty	LEP
516.05 BG 3	Percentage	100	-	85.9	-	-	14.1	2.1	0
516.06 BG 2	Number	1,985	53.9	1,335	2.36	No Data	650	570	0
	Percentage	100	-	67.3	-	-	32.7	28.7	0
516.07 BG 1	Number	2,086	43.6	1,839	2.73	63,125	247	165	11
	Percentage	100	-	88.2	-	-	11.8	7.9	0.74
516.07 BG 2	Number	4,743	40.1	3,904	3.05	63,301	839	492	170
	Percentage	100	-	82.3	-	-	17.7	10.4	4.95
516.09 BG 3	Number	2,376	57.6	2,258	2.3	64,024	118	64	0
	Percentage	100	-	95.0	-	-	5	2.7	0
601.01 BG 1	Number	4,424	20.7	2,406	4.1	45,070	2,018	834	151
	Percentage	100	-	54.4	-	-	45.6	18.9	4.1
601.01 BG 2	Number	1,027	29	761	3.4	59,583	266	100	0
	Percentage	100	-	74.1	-	-	25.9	9.7	0
601.02 BG 1	Number	2,241	49.1	1,648	3.4	55,649	593	305	95
	Percentage	100	-	73.5	-	-	26.5	13.6	5.17
601.02 BG 2	Number	1,433	41.3	1,030	2.8	36,663	403	371	80
	Percentage	100	-	71.9	-	-	28.1	25.9	6.96
602.03 BG 1	Number	2,682	47.6	2,042	2.3	67,530	640	349	27
	Percentage	100	-	76.1	-	-	23.9	13	0.12
602.03 BG 2	Number	2,035	44.9	1,594	2.4	59,444	441	0	0
	Percentage	100	-	78.3	-	-	21.7	0	0
602.03 BG 3	Number	4,557	46.6	4,227	3	50,368	330	288	0
	Percentage	100	-	92.8	-	-	7.2	6.3	0
602.04 BG 3	Number	1,455	43.1	1,371	2.6	68,563	84	88	18
	Percentage	100	-	94.2	-	-	5.8	6	1.62
604.03 BG 1	Number	3,157	40.8	2,523	2.7	47,386	634	562	59
	Percentage	100	-	79.9	-	-	20.1	17.8	2.45
604.05 BG 1	Number	4,806	21.6	3,657	3.9	58,235	1,149	1,130	18
	Percentage	100	-	76.1	-	-	23.9	23.5	0.41
604.05 BG 2	Number	2,800	42.6	1,521	2.5	26,841	1,279	1,150	34
	Percentage	100	-	54.3	-	-	45.7	41.1	1.6
604.06 BG 1	Number	1,992	28.3	1,270	2.8	42,054	722	201	0
	Percentage	100	-	63.8	-	-	36.2	10.1	0
604.06 BG 2	Number	1,267	55	1,178	2.1	60,388	89	77	0
	Percentage	100	-	93.0	-	-	7	6.1	0
703 BG 1	Number	3,203	48.6	1,726	2.3	40,142	1,477	517	0
	Percentage	100	-	53.9	-	-	46.1	16.1	0
703 BG 2	Number	1,593	37.7	904	1.9	No Data	689	455	268
	Percentage	100	-	56.7	-	-	43.3	28.6	21.27
704 BG 1	Number	3,062	36	2,042	2.8	34,137	1,020	612	0
	Percentage	100	-	66.7	-	-	33.3	20	0
704 BG 2	Number	781	47.9	352	2.2	31,477	429	68	0
	Percentage	100	-	45.1	-	-	54.9	8.7	0
704 BG 3	Number	2,750	48.2	1,099	2.7	29,832	1,651	531	21
	Percentage	100	-	40.0	-	-	60	19.3	1.03
705 BG 1	Number	1,440	46.9	552	2	33,415	888	276	19
	Percentage	100	-	38.3	-	-	61.7	19.2	1.57
705 BG 2	Number	2,147	40.9	1,565	2.8	52,115	582	384	0
	Percentage	100	-	72.9	-	-	27.1	17.9	0
706.01 BG 1	Number	2,034	32.1	1,541	3.1	58,815	493	471	0
	Percentage	100	-	75.8	-	-	24.2	23.2	0
706.01 BG 2	Number	963	46.9	918	2.7	55,595	45	201	0
	Percentage	100	-	95.3	-	-	4.7	20.9	0
706.01 BG 3	Number	1,206	46.5	1,049	2.7	46,801	157	162	0
	Percentage	100	-	87.0	-	-	13	13.4	0
706.02 BG 1	Number	2,108	49.9	1,976	2.4	25,739	132	203	0
	Percentage	100	-	93.7	-	-	6.3	9.6	0
706.02 BG 2	Number	660	45.1	568	3	44,483	92	137	0
	Percentage	100	-	86.1	-	-	13.9	20.8	0
706.02 BG 3	Number	2,620	51.2	1,923	2.7	54,707	697	173	11
	Percentage	100	-	73.4	-	-	26.6	6.6	0.507
707.01 BG 2	Number	1,643	49.5	1,468	2.6	50,337	175	324	0
	Percentage	100	-	89.3	-	-	10.7	19.7	0
707.02 BG 1	Number	740	42.2	705	3	78,271	35	121	0
	Percentage	100	-	95.3	-	-	4.7	16.4	0

Characteristics		Total population	Median age (years)	White	Average household size	Median household income	Minority	Poverty	LEP
707.02 BG 2	Number	833	53	578	2.4	No Data	255	101	0
	Percentage	100	-	69.4	-	-	30.6	12.1	0
707.02 BG 3	Number	2,479	40.1	1,099	4	53,007	1,380	152	694
	Percentage	100	-	44.3	-	-	55.7	6.1	34.95
707.02 BG 4	Number	1,730	35.5	1,186	2.5	31,250	544	356	142
	Percentage	100	-	68.6	-	-	31.4	20.6	10.65
802 BG 2	Number	1,147	48	1,147	2.7	65,588	0	134	0
	Percentage	100	-	100.0	-	-	0	11.7	0
									1,842

Source: ACS 2020: 5-Year Estimates Data Profiles

	No Data available		
	Transportation disadvantaged CT (USDOT Justice40)		Minority population of BG is 10% higher than county, or over 50% = EJ
	Lower median income than county	LEP	Greater than 5% or 1,000 individuals (Spanish speaking) with limited English
	Poverty: 5% points higher than county, or above 25% poverty for BG = EJ		

APPENDIX B

EJSCREEN SUMMARY

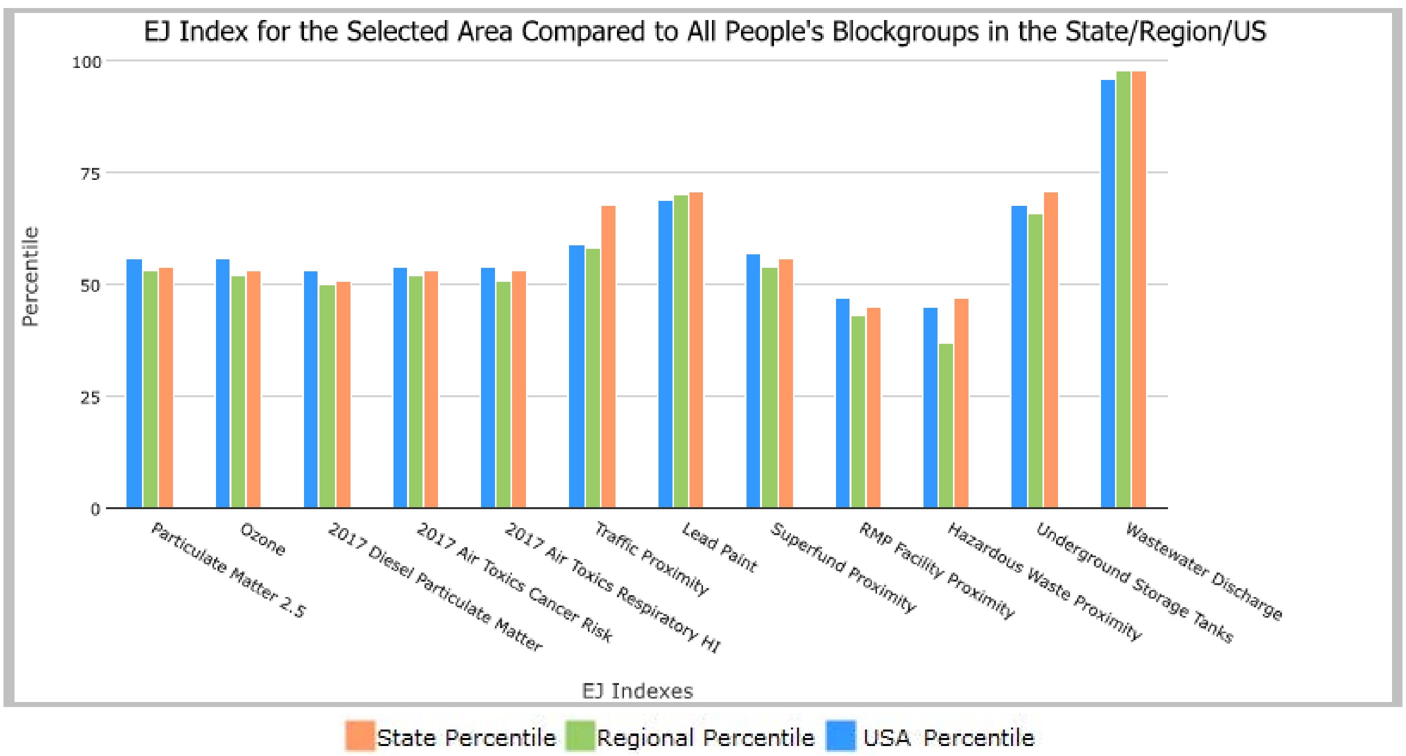
EJScreen Report (Version 2.0)

the User Specified Area, SOUTH CAROLINA, EPA Region 4

Approximate Population: 58,471

Input Area (sq. miles): 141.39

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
Environmental Justice Indexes			
EJ Index for Particulate Matter 2.5	54	53	56
EJ Index for Ozone	53	52	56
EJ Index for 2017 Diesel Particulate Matter*	51	50	53
EJ Index for 2017 Air Toxics Cancer Risk*	53	52	54
EJ Index for 2017 Air Toxics Respiratory HI*	53	51	54
EJ Index for Traffic Proximity	68	58	59
EJ Index for Lead Paint	71	70	69
EJ Index for Superfund Proximity	56	54	57
EJ Index for RMP Facility Proximity	45	43	47
EJ Index for Hazardous Waste Proximity	47	37	45
EJ Index for Underground Storage Tanks	71	66	68
EJ Index for Wastewater Discharge	98	98	96



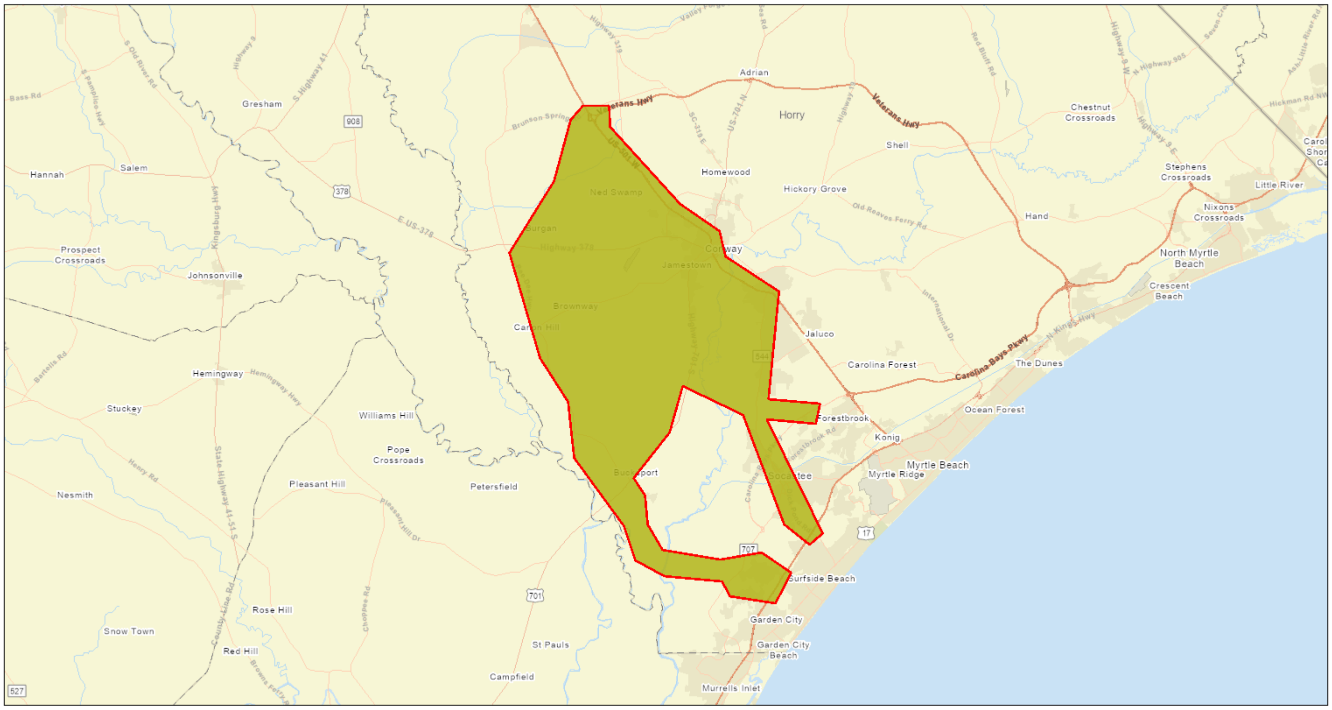
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

EJScreen Report (Version 2.0)

the User Specified Area, SOUTH CAROLINA, EPA Region 4

Approximate Population: 58,471

Input Area (sq. miles): 141.39



July 26, 2022

Project 1

psa box outline

1:288,895

0 3 6 12 mi

0 4.75 9.5 19 km

Horry County Government GIS, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA

Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	3

EJScreen Report (Version 2.0)

the User Specified Area, SOUTH CAROLINA, EPA Region 4

Approximate Population: 58,471

Input Area (sq. miles): 141.39

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Pollution and Sources							
Particulate Matter 2.5 ($\mu g/m^3$)	6.49	7.74	6	8.18	2	8.74	7
Ozone (ppb)	36.2	37.3	31	37.9	38	42.6	15
2017 Diesel Particulate Matter* ($\mu g/m^3$)	0.123	0.211	21	0.261	<50th	0.295	<50th
2017 Air Toxics Cancer Risk* (lifetime risk per million)	30	31	85	31	80-90th	29	80-90th
2017 Air Toxics Respiratory HI*	0.4	0.42	75	0.4	70-80th	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	46	52	68	430	29	710	21
Lead Paint (% Pre-1960 Housing)	0.059	0.14	44	0.15	45	0.28	31
Superfund Proximity (site count/km distance)	0.0099	0.092	2	0.083	6	0.13	4
RMP Facility Proximity (facility count/km distance)	0.076	0.45	11	0.6	12	0.75	9
Hazardous Waste Proximity (facility count/km distance)	0.6	1	49	0.62	71	2.2	47
Underground Storage Tanks (count/km^2)	2.6	2.6	71	3.5	67	3.9	64
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.94	0.47	96	0.45	97	12	92
Socioeconomic Indicators							
Demographic Index	35%	36%	56	37%	55	36%	58
People of Color	29%	36%	48	39%	46	40%	47
Low Income	41%	35%	64	35%	63	31%	70
Unemployment Rate	7%	6%	65	6%	66	5%	68
Linguistically Isolated	2%	1%	75	3%	62	5%	54
Less Than High School Education	13%	12%	58	13%	58	12%	63
Under Age 5	6%	6%	52	6%	53	6%	51
Over Age 64	18%	17%	62	17%	63	16%	66

*Diesel particular matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 2017 Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

For additional information, see: www.epa.gov/environmentaljustice

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

APPENDIX L

404(b)1 Memorandum

SECTION 404 (b)(1) ALTERNATIVES ANALYSIS

Southern Evacuation Lifeline (SELL)

Horry County, South Carolina

Draft.03 June 2023

Prepared for
Horry County
South Carolina Department of Transportation

Prepared by
Mead & Hunt

TABLE OF CONTENTS

1 INTRODUCTION

Horry County, in cooperation with the South Carolina Department of Transportation (SCDOT), proposes a new location, multilane, controlled access roadway that will extend approximately 28 miles from US Highway 17 (US 17) to Edward E Burroughs Highway (US 501) and Veterans Highway (SC 22) in Horry County, South Carolina known as the Southern Evacuation Lifeline (SELL). The proposed project will provide a more direct route to the west from the southern portion of the Grand Strand while simultaneously completing a beltway around Myrtle Beach to connect with SC 22. Due to the development in the area and the substantial size of the study area (Please see **Appendix A, Figure 1-1, Project Location Map**), sixteen (16) conceptual alternative corridors have been developed to be evaluated by Horry County.

1.1 Section 404(b)(1) Regulatory Background

The purpose of Section 404(b)(1) of the Clean Water Act (CWA) is to restore and maintain the chemical, physical, and biological integrity of Waters of the United States (WoUS) through the control of discharges of dredged and fill material (33 United States Code [USC] 1344). To fulfill this purpose, dredged or fill material should not be discharged into the aquatic ecosystem unless it can be demonstrated that such a discharge would not have an unacceptable adverse impact either individually or cumulatively (40 CFR Part 230 *et seq.*).

Discharge of dredged or fill materials into WoUS must be permitted and authorized by the U.S. Army Corps of Engineers (USACE). As of December 2022, the US Environmental Protection Agency (EPA) and USACE announced the final revised definition of WoUS rule. On January 18, 2023, the rule was published in the *Federal Register* and will be effective on March 20, 2023. Jurisdictional waters include traditional navigable waters, territorial seas, interstate waters, impoundments, tributaries, wetlands and adjacent wetlands, and other waters that don't fit the previous categories if they can meet the relatively permanent standard or the significant nexus standard.

The EPA Section 404(b)(1) Guidelines (40 CFR 230 *et seq.*) are the environmental criteria used by the USACE to evaluate permit applications involved in the discharge of dredged or fill material into WoUS. Under these guidelines, an analysis of practicable alternatives is the primary tool used to determine whether a proposed discharge can be authorized.

The Section 404(b)(1) Guidelines prohibit discharges of dredged or fill material into WoUS if a practicable alternative to the proposed discharge exists that would have less adverse impacts on the aquatic ecosystem, including wetlands, as long as the alternative does not have other significant adverse environmental impacts (40 CFR § 230[a][2]). An alternative is considered practicable if it is available and capable of being implemented after considering cost, existing technology, and logistics in light of the overall project purpose (40 CFR § 230[a][2]). In summary, the goal is to choose the best practicable alternative that achieves the overall project purpose with the least environmental impacts. But when environmental impacts are unavoidable, the appropriate and practicable steps must be defined to minimize potential adverse effects on the aquatic ecosystem.

The following Section 404(b)(1) alternative analysis shows that all sixteen (16) alternative corridors propose discharges into wetlands or other WoUS and that Alternative Corridor 16 has been identified to be the least environmentally damaging practicable alternative (LEDPA). The No Build Alternative would not involve any discharge of dredge or fill material into wetlands and other WoUS, but it would not achieve the overall purpose of the proposed project and therefore is not considered practicable.

1.2 Organization of Report

Since no Draft Environmental Impact Statement/Draft Environmental Impact Report (DEIS/DEIR) has been developed for this project to date, this Section 404(b)(1) alternative analysis is based on GIS data provided by U.S. Fish & Wildlife Service (USFWS), Horry County, Civil Engineering Consulting Services, Inc. (CECS), and Infrastructure Consulting & Engineering (ICE). Data includes the location of Federal Emergency Management Agency (FEMA) floodplains, protected state and/or federal lands, local parks, South Carolina Department of Health and Environmental Control (SCDHEC) water quality information, U.S. Geological Survey (USGS) contours, topographic mapping, and the location of potential wetlands and other WoUS assessed by ICE. Other databases used in this report include USFWS Information for Planning and Consultation (IPaC), the South Carolina Natural Heritage Program, and the South Carolina Watershed Atlas.

This document provides information and analysis to support the USACE's future determination of the LEDPA. Chapter 1 provides the **Introduction**, including the summarized proposed project background, Section 404(b)(1) regulatory background, and this organization section. Chapter 2 provides the **Project Description** and **Purpose and Need**. Chapter 3 discusses the **Proposed Action and Alternatives** including components of the proposed project and detailed summaries of all sixteen alternative corridors. Chapter 4 discusses the **Environmental Effects of the Proposed Action and Alternatives**, as set forth in Subparts C through H of the Section 404(b)(1) Guidelines and concludes with a brief rationale supporting the preliminarily identified LEDPA.

2 DESCRIBING THE PROJECT

2.1 Project Description

The proposed SELL project was incited by the Interstate 73 (I-73) national highway project that proposes to project a cross-country transportation corridor beginning at Sault Ste. Marie, Michigan, and traversing portions of Ohio, West Virginia, Virginia, and North Carolina before terminating near Myrtle Beach, South Carolina. The I-73 Corridor was identified as a High Priority Corridor by the U.S. Congress in the *Intermodal Surface Transportation Efficiency Act of 1991* (ISTEA). In 2003, the SCDOT completed a feasibility study for the I-73 project starting at the North Carolina state line at U.S. Route 1 in Marlboro County, and terminating at Myrtle Beach in Horry County, South Carolina. The feasibility study recognized that there had been some improvements to roads in the project study area; however, the improved roads were predicted to have capacity problems along some segments in 2025 based on traffic modeling. The study also cited the benefits of the I-73 project, including improved hurricane evacuation and support of population and economic growth (U.S. Department of Transportation, Federal Highway Administration, and the South Carolina Department of Transportation, 2017, p. 73).

After the completion of the 2003 I-73 Feasibility Study, the SCDOT, in association with the Federal Highway Administration (FHWA), issued a Notice of Intent on August 9, 2004 to prepare an Environmental Impact Statement (EIS) for the I-73 project in South Carolina. Due to the length of the project corridor of approximately 80 miles, the EIS was broken into two segments along I-73, North and South. The South section would begin at I-95 in Dillon County, South Carolina and terminate just west of the SELL project limits at SC 22 in Horry County, South Carolina

(U.S. Department of Transportation, Federal Highway Administration, and the South Carolina Department of Transportation, 2017, p. 73).

The proposed SELL project was a need recognized by Horry County to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River. The SELL Project Study Area (PSA) (**Appendix A, Figure 1-1, Project Location Map**) encompasses an area from US 501/SC 22 to US 17, just east of the I-73 national highway project. Due to the substantial size of the SELL study area, sixteen (16) conceptual alternative corridors were developed to analyze which corridor may impose the least environmental and human impacts while also satisfying the project purpose and need.

2.2 Project Purpose

For Section 404(b)(1) evaluations, project purpose is expressed in terms of "basic purpose" and "overall purpose." The basic project purpose comprises the fundamental, essential, or irreducible purpose of the proposed project, and is used by the USACE to determine whether the applicant's project is water dependent. If an activity associated with the discharge proposed for a water body does not require access or proximity to water to fulfill its basic purpose, the activity is not water dependent. Non-water dependent activities that would impact special aquatic sites are subject to more evaluation. The term "special aquatic sites (SAS)," as defined by the Section 404(b)(1) Guidelines includes "geographic areas, large or small, possessing special ecological characteristics of productivity, habitat, wildlife protection, or other important and easily disrupted ecological values." The Guidelines specifically name sanctuaries and refugees, wetlands, mud flats, vegetated shallows, coral reefs, riffle and pool complexes as SAS (40 CFR 230 *et seq.*). The proposed SELL project contains SAS within each of the 16 alternative corridors. Specifically, freshwater wetlands and the Waccamaw Wildlife Refuge would be affected.

The basic project purpose of the proposed SELL project is "freeway mobility improvements." Since the basic project purpose presumably could be achieved without affecting SAS, the project is not water dependent.

The overall project purpose of the proposed SELL project is to provide the region with congestion relief, improved hurricane evacuation, and improved access to needed services east and west of the Waccamaw River.

2.3 Project Need

The volume to capacity (V/C) ratio represents a comparison of the actual volume of traffic carried by a roadway to the theoretical capacity of the roadway. As the V/C approaches 1.0, or when the remaining available capacity is less than 0.2, the roadway becomes increasingly congested. The 2040 projected levels of volume to capacity would exceed 1.00 or more along major routes within the SELL PSA including US 501, Corporal Dennis Lyden Memorial Highway (SC 544), US 17, and SC 707.

Travel time is the total number of minutes a trip will take for a motorist. Travel times increase as traffic congestion increases. Travel times in the 2040 no build scenario would be increased in the peak morning and afternoon periods, particularly in the afternoon commute period. For example, in the afternoon period in 2040, a motorist going from the intersection of US 17 and SC 544 to US 501 and SC 22 would travel for approximately 115 minutes in the no build scenario. A trip in 2040 with free-flowing traffic between those points would take approximately 30 minutes.

Of concern within the SELL PSA is the evacuation of Zones A, B, and C during a Category 4 or 5 storm. The local population for these three zones is 229,060, with an additional seasonal population of 202,500. The current permanent and seasonal populations have limited routes to travel north and west during evacuation periods.

Crossing the Waccamaw River and the Atlantic Intercostal Waterway is limited to two roads approximately 35 miles apart, US 501 and US 17. The restricted ability to cross the Waccamaw River has isolated the South Strand of the Waccamaw Neck areas as well as areas located west of the river from the areas east of the river.

3 PROPOSED ACTION AND ALTERNATIVES

3.1 ALTERNATIVES DEVELOPMENT/BACKGROUND

Sixteen (16) conceptual alternative corridors were developed to analyze potential environmental and human impacts for the proposed SELL project. Each alternative corridor begins at the existing intersection of US 501 and SC 22 northwest of the City of Conway, South Carolina. All alternative corridors, save Alternative Corridors 7 through 9, terminate at US Highway 17. Alternative Corridors 7 through 9 terminate at Carolina Bays Parkway (SC 31). Feasible and practicable alternatives are described below. Alternatives 1 through 13 are all new alignments. Alternatives 14 and 15 are a combination of new alignments and existing routes. Alternative 16 is entirely on existing routes. For the alternatives that incorporate the existing routes, the existing arterials alignments were analyzed with widening by two additional lanes: one in each direction. All new alignments were analyzed as six-lane expressways to accommodate the traffic projections and address high levels of congestion.

No Build Alternative was generally defined as the existing stretch of roadway from US 501 and SC 22 interchange to SC 544; and from the SC 544 and US 501 interchange to US 17. Because the No Build Alternative would not meet the project's purpose and need, it is not considered a practicable alternative under the Section 404(b)(1) Guidelines; however, it is carried forward in the Section 404(b)(1) analysis as representing the reasonably anticipated conditions to occur in the area in the absence of Federal action (i.e., it is the federal baseline of comparison in evaluating the alternatives, including the LEDPA).

Alternative 1 (Please see **Appendix A, Figure 2-1, Alternative 1 Corridors Map**) would consist of a 29.07-mile new location roadway beginning at US 501/SC 22 traveling south/southwest before crossing Garners Ferry Road (US 378) and turning south/southeast. The proposed roadway would then continue generally parallel to the Pee Dee Highway to US 701 and continue to south of the Bucksport area. There, it would turn east and travel across the Waccamaw River/Wildlife Refuge. The corridor would continue approximately 2.5 miles before turning northeast to cross SC 707 before joining and following Holmestown Road to its intersection with US 17.

Alternative 2 (Please see **Appendix A, Figure 2-2, Alternative 2 Corridors Map**) would consist of a 28.81-mile new location roadway beginning at US 501/SC 22 traveling south/southwest before crossing US 378 and turning south/southeast. The proposed roadway would then continue generally parallel to the Pee Dee Highway to US 701 and continue to south of the Bucksport area where it would turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn east before snaking around *Indigo Creek Golf Course* and between subdivisions *Meadowoods* and *The Lakes* before meeting US 17 approximately 0.24-mile north of St. James Road.

Alternative 3 (Please see **Appendix A, Figure 2-3, Alternative 3 Corridors Map**) would consist of a 28.79-mile new location roadway beginning at US 501/SC 22 traveling south across US 378 and Cates Bay Highway where it would turn south/southwest at the Pee Dee Highway. The proposed roadway would then continue generally southeast parallel to the Pee Dee Highway to US 701 and continue to south of the Bucksport area where it would turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning northeast to cross SC 707, joining and following Holmestown Road to its intersection with US 17.

Alternative 4 (Please see **Appendix A, Figure 2-4, Alternative 4 Corridors Map**) would consist of a 28.53-mile new location roadway beginning at US 501/SC 22 traveling south across US 378 and Cates Bay Highway where it would turn south/southwest at the Pee Dee Highway. The proposed roadway would then continue generally southeast parallel to the Pee Dee Highway to US 701 and continue to south of the Bucksport area where it would turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back to the east before snaking around *Indigo Creek Golf Club* and between subdivisions *Meadowoods* and *The Lakes* before meeting US 17 approximately 0.24-mile north of St. James Road.

Alternative 5 (Please see **Appendix A, Figure 2-5, Alternative 5 Corridors Map**) would consist of a 29.33-mile new location roadway beginning at US 501/SC 22 traveling south across US 378 and Cates Bay Highway where it would turn south/southeast starting approximately 1.2 miles northwest of Pauley Swamp Road. The proposed roadway would then slowly turn south/southwest at Bucksville, running parallel to US Highway 701 before turning back south to cross US 701 and continue to south of the Bucksport area. The roadway would then turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning northeast to cross SC 707 before joining and following Holmestown Road to its intersection with US 17.

Alternative 6 (Please see **Appendix A, Figure 2-6, Alternative 6 Corridors Map**) would consist of a 29.07-mile new location roadway beginning at US 501/SC 22 traveling south across US 378 and Cates Bay Highway where it would turn south/southeast starting approximately 1.2 miles northwest of Pauley Swamp Road. The proposed roadway would then slowly turn south/southwest at Bucksville, running parallel to US Highway 701 before turning back south to cross US 701 and continue south of the Bucksport area. The roadway would then turn east, travel across the Waccamaw River/Wildlife Refuge, and continue approximately 2.5 miles before turning southeast across SC 707, Grape Arbor, and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back east before snaking between *Indigo Creek Golf course* and between subdivisions *Meadowoods* and *The Lakes* before meeting US 17 approximately 0.24-mile north of St. James Road.

Alternative 7 (Please see **Appendix A, Figure 2-7, Alternative 7 Corridors Map**) would consist of a 21.20-mile new location roadway beginning at US 501/SC 22 traveling south across US 378 and Cates Bay Highway where it would turn south/southeast starting approximately 1.2 miles northwest of Pauley Swamp Road. The proposed roadway would then continue southeast across US Highway 701 near Toddville and the Waccamaw River/Wildlife Refuge to SC 544 to its terminus at the SC 31 approximately 2.30 miles southwest of US 501.

Alternative 8 (Please see **Appendix A, Figure 2-8, Alternative 8 Corridors Map**) would consist of a 20.48-mile new location roadway beginning at US 501/SC 22 traveling southwest toward SC 876 before turning southeast. The proposed roadway would cross US 378 and Cates Bay Highway and curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run parallel along US 701 before curving east to cross the Waccamaw River/Wildlife Refuge just north of the US 701/Rheuark Drive intersection. The proposed roadway would cross the Waccamaw River and meet at SC 544 and Farrier Drive approximately 2.60 miles southeast of the Waccamaw River. The corridor would continue east through undeveloped land to avoid impacts to residential properties before terminating at SC 31.

Alternative 9 (Please see Appendix A, Figure 2-9, Alternative 9 Corridors Map) is nearly identical to Alternative 8 with one exception. Alternative 9 would cross Dirty Branch Road approximately 0.80-mile south of its intersection with US 378, but it would not turn south to follow Dirty Branch Road; instead, the road would turn southeast through the *Woodland Lakes* subdivision before turning south to cross Dirty Branch Road and Cates Bay Highway. Alternative 9 would then cross Cates Bay Highway to follow Bridgette Lane before curving south to meet the proposed Alternative 8 corridor. Just west of US 701, the road would turn south and run parallel along US 701 before curving east to cross the Waccamaw River/Wildlife Refuge just north of the US 701/Rheuark Drive intersection. The proposed roadway would cross the Waccamaw River and meet at SC 544 and Farrier Drive approximately 2.60 miles southeast of the Waccamaw River. The corridor would continue east through undeveloped land to avoid impacts to residential properties before terminating at SC 31.

Alternative 10 (Please see Appendix A, Figure 2-10, Alternative 10 Corridors Map) would consist of a 29.79-mile new location roadway beginning at US 501/SC 22 traveling southwest toward SC 876 before turning southeast. The proposed roadway would cross US 378 and Cates Bay Highway and curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run parallel along US 701 to the Pee Dee Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning northeast to cross SC 707 before joining and following Holmestown Road to its intersection with US 17.

Alternative 11 (Please see Appendix A, Figure 2-11, Alternative 11 Corridors Map) is nearly identical to Alternative 10 with one exception. Alternative 11 would cross Dirty Branch Road approximately 0.80-mile south of its intersection with US 378, but it would not turn south to follow Dirty Branch Road; instead, the road would turn southeast through *Woodland Lakes* subdivision before turning south to cross Dirty Branch Road and Cates Bay Highway. Alternative 11 would then cross Cates Bay to follow Bridgette Lane before curving south to meet the proposed Alternative 10 corridor. Just west of US 701, the road would turn south and run parallel along US 701 to the Pee Dee Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning northeast to cross SC 707 before joining and following Holmestown Road to its intersection with US 17.

Alternative 12 (Please see Appendix A, Figure 2-12, Alternative 12 Corridors Map) would consist of a 29.79-mile new location roadway beginning at US 501/SC 22 traveling southwest toward SC 876 before turning southeast. The proposed roadway would cross US 378 and Cates Bay Highway and curve southward approximately 0.50 mile south of Pitch Landing Road. Just west of US 701, the road would turn south and run parallel along US 701 to the Pee Dee

Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back east before snaking around *Indigo Creek Golf Course* and between subdivisions *Meadowoods* and *The Lakes* before meeting US 17 approximately 0.24-mile north of St. James Road.

Alternative 13 (Please see **Appendix A, Figure 2-13, Alternative 13 Corridors Map**) is nearly identical to Alternative 12 with one exception. Alternative 13 would cross Dirty Branch Road approximately 0.80-mile south of its intersection with US 378, but it would not turn south to follow Dirty Branch Road; instead, the road would turn southeast through *Woodland Lakes* subdivision before turning south to cross Dirty Branch Road and Cates Bay Highway. Alternative 13 would then cross Cates Bay Highway to follow Bridgette Lane before curving south to meet the proposed Alternative 12 corridor. Just west of US 701, the road would turn south and run parallel along US 701 to the Pee Dee Highway where it would curve southeast, cross US 701 and continue southeast to Bucksport. As the new roadway crosses Treatment Road, it would begin to turn east to cross the Waccamaw River/Wildlife Refuge and continue approximately 2.5 miles before turning southeast across SC 707 and Daybreak Road. At McDowell Shortcut Road, the corridor would turn back east before snaking around *Indigo Creek Golf Course* and between subdivisions *Meadowoods* and *The Lakes* before meeting US 17 approximately 0.24-mile north of St. James Road.

Alternative 14 (Please see **Appendix A, Figure 2-14, Alternative 14 Corridors Map**) would consist of a 23.91-mile roadway that would utilize both existing and new location roads beginning at US 501/SC 22. The proposed corridor would follow US 501 southeast toward Conway, turn south at El Bethel Road and follow El Bethel Road and the proposed Conway Perimeter Road to US 701. The corridor would then continue southeast through the *Pecan Grove* subdivision and cross the Waccamaw River/Wildlife Refuge. The proposed road would then turn south to follow SC 544 to its intersection with US 17.

Alternative 15 (Please see **Appendix A, Figure 2-15, Alternative 15 Corridors Map**) would consist of a 25.45-mile new location roadway that would utilize both existing and new location roads beginning at US 501/SC 22. The proposed corridor would follow US 501 southeast toward Conway, turn south at El Bethel Road and follow El Bethel Road and the proposed Conway Perimeter Road to US 701. The corridor would then continue southeast through the *Pecan Grove* subdivision and cross the Waccamaw River/Wildlife Refuge. The corridor would then turn north to meet US 501 at Academy Drive. The road would follow US 501, turn south at SC 544, and follow SC 544 to its intersection with US 17.

Alternative 16 (Please see **Appendix A, Figure 2-16, Alternative 16 Corridors Map**) would consist of a 23.39-mile improvement of strictly existing roadway beginning at US 501/SC 22. The proposed corridor would follow US 501 southeast toward Conway and then turn right at SC 544 and follow SC 544 to its intersection with US 17. Alternative 16 is identified as the least environmentally damaging practicable alternative (LEDPA) due to: the lowest impacts to WoUS, critical threatened & endangered species habitat, and no impacts to the Waccamaw Wildlife Refuge.

3.1.1 Proposed Conditions

The proposed roadway would consist of three distinct typical sections through the corridor: a four (4)-lane divided highway with two (2) lanes in each direction, a four (4)-lane highway with two (2) lanes in each direction divided by a jersey barrier, and a four (4)-lane bridge section with two (2) lanes in each direction. New interchanges are proposed for each corridor described below.

- The existing US 501/SC 22 interchange would be extended to the west to accommodate Alternative Corridors 1-13.
- A new interchange would be added where the proposed roadway crosses US 378 to accommodate for Alternative Corridors 1-13;
- A new interchange would be added where the proposed roadway crosses US 701 northeast of Little Hill Drive to accommodate for Alternative Corridors 1-6 and 10-13 or south of Toddville to accommodate for Alternative Corridors 7-9.
- A new interchange would be added where the proposed roadway crosses SC 544 at its existing intersection with Farrier Drive for Alternative Corridors 7-9 and SC 544 at its existing interchange with US 501 to accommodate for Alternative Corridors 14-16.
- A new interchange would be added where the proposed roadway terminates at SC 31 across from Squealer Lake Trail to accommodate for Alternative Corridors 7-9.
- A new interchange would be added where the proposed roadway crosses US 17 at its existing intersection with Holmestown Road/Glenns Bay Road to accommodate for Alternative Corridors 2, 4, 6, 12, and 13.

Each alternative corridor would mostly follow undeveloped land to avoid impacts to residential properties with the exception of Alternative Corridors 14-16, which generally follow along existing roadways US 501 and SC 544.

3.2 Proposed Section 404 Discharges and Section 404(b)(1) Alternatives Analysis

3.2.1 Proposed Section 404 Discharges Requiring an USACE Permit

Implementation of each of the sixteen (16) alternatives would result in CWA Section 404 discharges of fill material into WoUS. Due to the preliminary stage of this project, analysis of potentially impacted WoUS is based on desktop review/verification of WoUS and the assumption that impacts would be limited to the study area boundary for each alternative corridor. Therefore, the level of impacts to WoUS is conservative and not to be interpreted as conclusive.

Infrastructure Consulting & Engineering (ICE) was tasked with the preliminary identification of potential wetlands and other WoUS along each of the sixteen (16) alternative corridors. Specifically, ICE implemented a GIS desktop approach utilizing various available mapping resources along with field verification reviews. This evaluation captured *potential* WOUS based on Preliminary Jurisdictional Determination (PJD) guidelines as well as the “Revised Definition of Waters of the United States", published on January 18, 2023 and effective March 20, 2023. Subsequent wetland delineations and jurisdictional determinations will be appropriately conducted as the project progresses according to the most up-to-date definition of WoUS. The desktop delineation process includes the initial identification of aquatic resources including wetlands, streams, and open waters (ponds). Figures 3 through 5 below depict the potential impacts to aquatic resources within each of the sixteen (16) alternatives in bar graphs. Aquatic resource loss would result from placement of roadway fill, drainage infrastructure, bridge columns (if footing is proposed), bridge abutments, and potential dredging.

FIGURE 3: POTENTIAL IMPACTS TO STREAMS

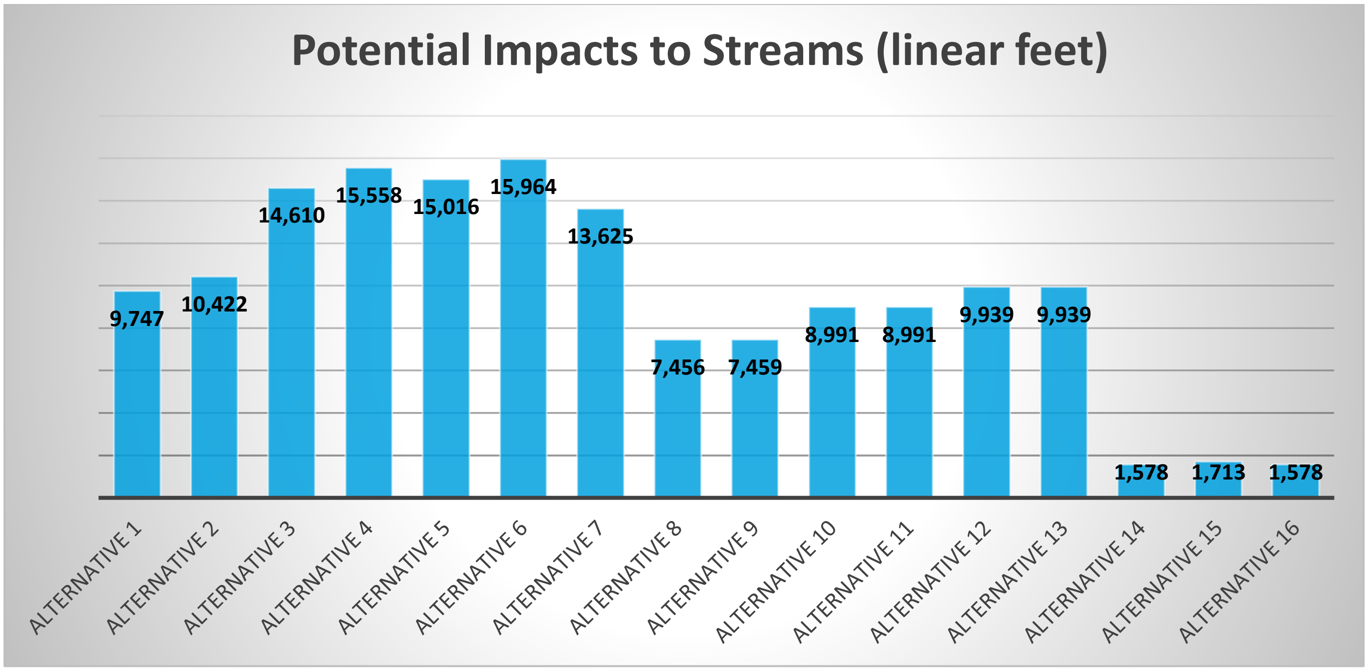


FIGURE 4: POTENTIAL IMPACTS TO WETLANDS

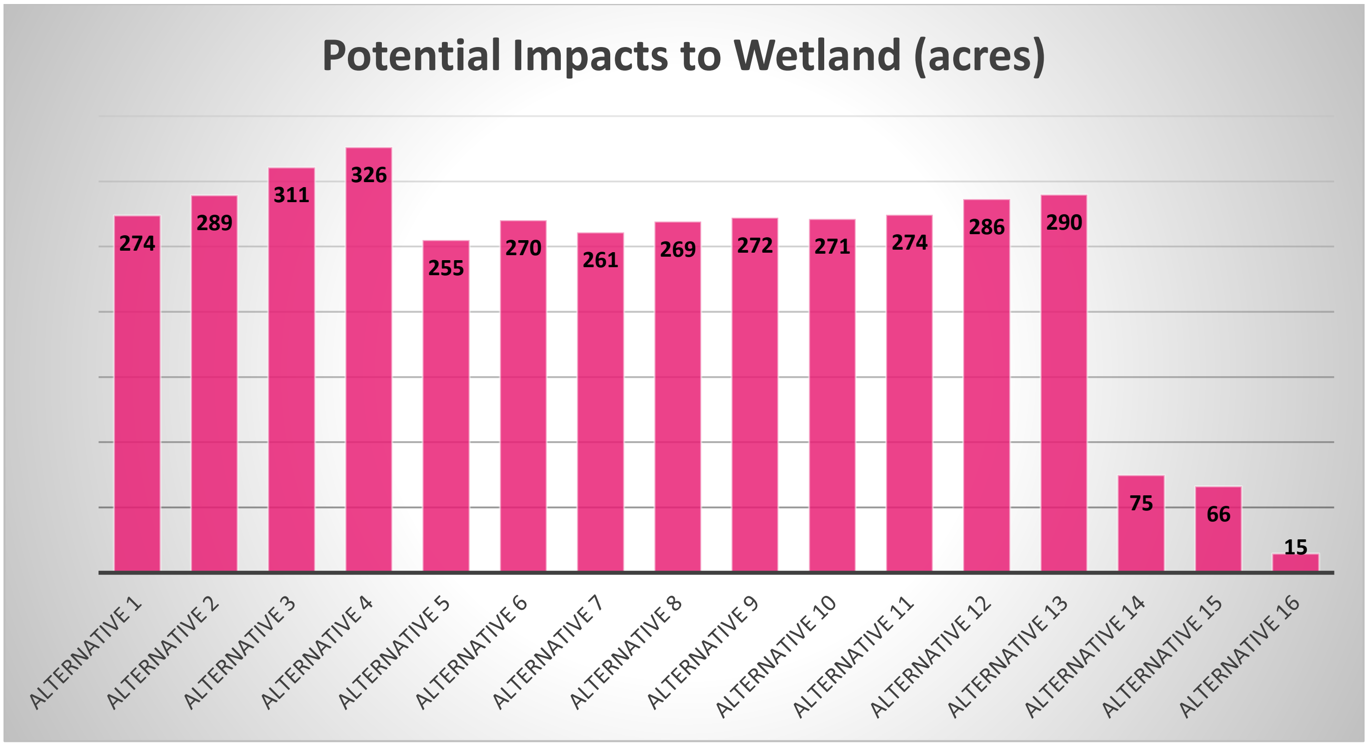
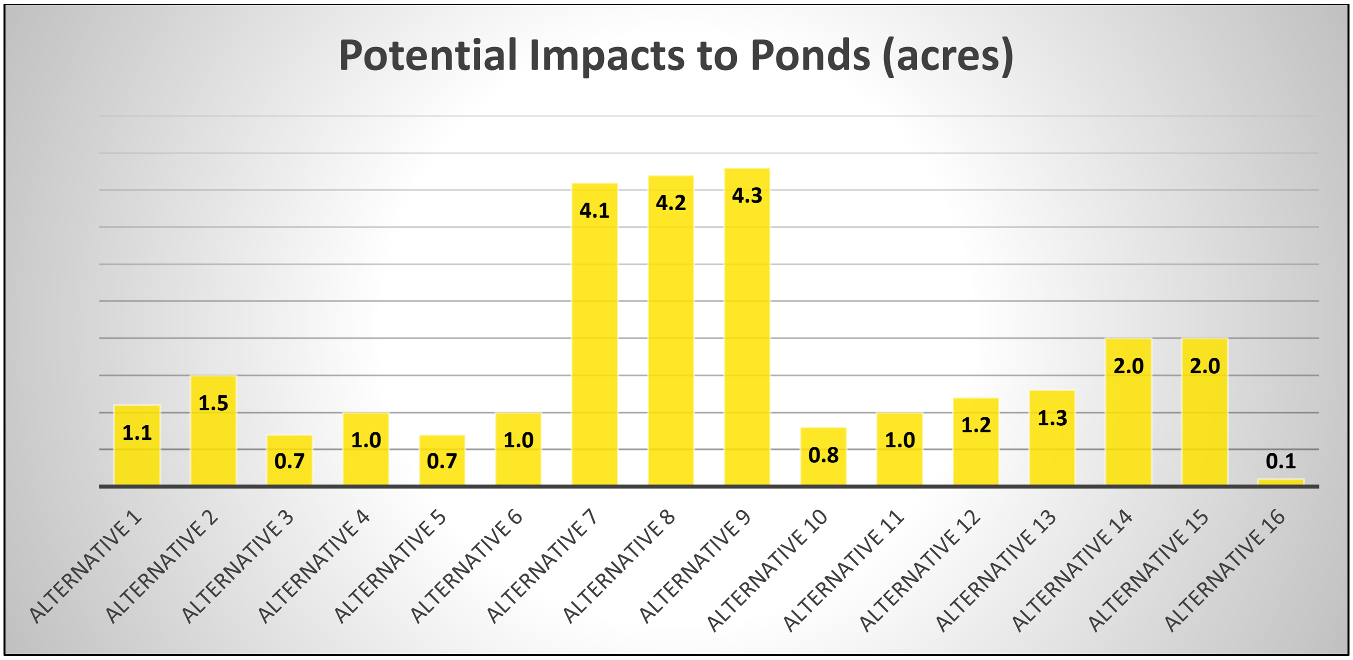


FIGURE 5: POTENTIAL IMPACTS TO PONDS



As shown in the figures above, Alternative 16 would permanently impact the fewest acres/linear feet of aquatic resources, including wetlands. Therefore, Alternative 16 would have the least permanent impacts on WoUS [streams (1,578 linear feet); ponds (0.1 acres), and SAS wetlands (15.0 acres)].

As previously noted, the No Build Alternative would not result in any aquatic resource loss. It represents the conditions reasonably expected to prevail in the area in the absence of Federal action, and specifically for the Section 404(b)(1) analysis, the issuance of a USACE permit. However, the No Build Alternative does not satisfy the project purpose and need.

3.2.2 Section 404(b)(1) Alternatives Analysis

This alternatives analysis was prepared in accordance with 40 CFR Part 230, Section 404(b)(1) Guidelines for Specification of Disposal Sites for Dredged or Fill Material (the Guidelines). It states and evaluates information regarding the effects or proposed discharge of dredged or fill material into WoUS, including wetlands. As noted in Chapter 1, pursuant to Section 404(b)(1) of the CWA, the USACE may only authorize the practicable alternative with the least damage to aquatic resources unless it has other significant adverse environmental consequences; with practicable alternatives being those that are available and capable of being done after taking into consideration cost, existing technology, and logistics considering the overall project purpose (Caltrans, 2013).

As noted in Chapter 2, because the basic purpose of the proposed activity is not water dependent and would discharge dredged or fill material into special aquatic sites (SAS), it is necessary to rebut the following presumptions: (1) alternatives for non-water dependent activities that do not involve SAS are available and (2) alternatives that do not involve SAS have less impact on the aquatic environment.

3.2.3 On-Site and Off-Site Special Aquatic Sites Avoidance Alternatives

Due to the project scope/size, no practicable alternative exists which would avoid all aquatic resources, unless the alternatives proposed along new location roadways would construct bridges throughout the corridor. Bridging new location roadways along Alternative Corridors 1 through 15 would prove to be astronomically expensive and therefore, would not take into consideration cost and logistics in light of the overall project purpose. It is important to note that the construction of a new bridge is proposed along each alternative that would cross the Waccamaw River, except for Alternative Corridor 16 which proposes to widen the existing bridge over the Waccamaw River. This would not result in complete avoidance of wetlands throughout the remainder of each corridor.

The Section 404(b)(1) alternatives analysis below compares the impacts of all sixteen (16) alternatives and the No Build Alternative and preliminarily identifies the LEDPA (Alternative Corridor 16). This identification is made on the basis of the relative severity of impacts on various environmental functional components of wetlands and other WoUS, as discussed more fully in Chapter 4, Subparts C through F, and summarized in Table 1 below.

TABLE 1: SUMMARY OF IMPACTS ON WATERS OF THE U.S. BY ALTERNATIVES

Functional Component	No Federal Action	Preliminary Least Environmentally Damaging Alternative (Build Alternative)
Waters of the U.S.	No Effect	Impacts proportional to delineated aquatic resources; **least damaging overall is Alternative 16** (see Figures 3-5 under Chapter 3.2.1).
Subpart C: Potential Impacts on Physical and Chemical Characteristics of the Aquatic Ecosystem		
Substrate	No Effect	Impacts proportional to delineated aquatic resources; **least damaging overall is Alternative 16** (see Figures 3-5 under Chapter 3.2.1).
Suspended Particulates/Turbidity	No Effect	Impacts proportional to delineated aquatic resources; **least damaging overall is Alternative 16** (see Figures 3-5 under Chapter 3.2.1).
Contaminants	No Effect	Impacts proportional to delineated aquatic resources; **least damaging overall is Alternative 16** (see Figures 3-5 under Chapter 3.2.1).
Water	No Effect	Impacts proportional to delineated aquatic resources; **least damaging overall is Alternative 16** (see Figures 3-5 under Chapter 3.2.1).
Current Patterns and Water Circulation	No Effect	**No discernible effect among build alternatives** that would directly or indirectly alter existing current patterns and water circulation.

Functional Component	No Federal Action	Preliminary Least Environmentally Damaging Alternative (Build Alternative)
Salinity Gradients	No Effect	**No discernible effect among build alternatives** due to freshwater conditions of all aquatic resources within the PSA except for the Atlantic Intracoastal Waterway along Alternative Corridors 14 through 16. However, the proposed bridge widening along SC 544 would not affect the salinity of the Intracoastal Waterway.
Subpart D: Potential Impacts on Biological Characteristics of the Aquatic Ecosystem		
Federally Listed Endangered Species	No Effect	Similar on species and habitats throughout each corridor but the **least acreage of impacts proposed on potential habitat/undeveloped land is Alternative 16**.
Critical Habitat, overall	No Effect	**No USFWS/NOAA NMFS Critical Habitat is present** within all sixteen (16) alternatives.
Fish, Crustaceans, Mollusks, and Other Aquatic Organisms in the Food Web	No Effect	Impacts proportional to delineated aquatic resources; **least damaging overall is Alternative 16** (see Figures 3-5 under Chapter 3.2.1).
Essential Fish Habitat	No Effect	**No impacts to Essential Fish Habitat (EFH) would occur under Alternative Corridors 7 through 9** as identified by NOAA. Therefore, these corridors are the least damaging to EFH. Essential Fish Habitat does exist along the Waccamaw River and Intracoastal Waterway along Alternative Corridors 1-6 and 10-16. Impacts along these waterways would be due to the construction of new bridge or widening of the existing bridge along US 501 and SC 544. Specifically, impacts would be indirect in the form of increased shading and noise pollution to EFH.
Other Wildlife and Wildlife Corridors	No Effect	**Least damaging to managed lands owned by the USFWS and SCDNR would be Alternative 16.**
Subpart E: Potential Impact on Special Aquatic Sites		

Functional Component	No Federal Action	Preliminary Least Environmentally Damaging Alternative (Build Alternative)
Special Aquatic Sites	No Effect	Impacts proportional to delineated aquatic resources; **least damaging overall is Alternative 16** (see Figure 4 under Chapter 3.2.1).
Subpart F: Potential Effects on Human Use Characteristics		
Municipal and Private Water Supplies	No Effect	**Alternative Corridors 8 & 9 have the least impacts to the Horry County Public Water Supply (PWS)**. Alternative Corridors 14 through 16 have the second least impacts to the PWS.
Recreational and Commercial Fisheries	No Effect	**Boat ramps/fishing access spots that may be impacted include:** ~ The Savannah Bluff Boat Ramp located 0.03 mile south of US 501 along **Alternative Corridor 16**; ~The SC 544 Boat Ramp located within the study area of Alternatives 14 through 16 and the SC 544 fishing pier located 0.01 mile northeast of the study area of **Alternatives 14 through 16**.
Water-Related Recreation	No Effect	**Alternative Corridors 1 through 13 would pose less potential impact to water-related recreation** as they would be centralized to only the Waccamaw River and would not interfere with any existing boat ramps or fishing piers, making water-related recreation more accessible than Alternative Corridors 14 through 16.
Aesthetics	No Effect	**Least acreage of impacts on undeveloped/protected/pristine land is Alternative 16.**
Parks, National and Historic Monuments, National Seashores, Wilderness Area, Research Sites, and Similar Preserves	No Effect	**No impacts to the Waccamaw Wildlife Refuge or other SCDNR/USFWS managed lands would occur under Alternative 16** (**Appendix A, Figure 6**)**.** Variable impacts more than 1.0 mile across the Waccamaw Wildlife Refuge and SCDNR/USFWS managed lands would occur under Alternatives 1 through 15. **Potential impacts to the following parks/cemeteries are listed below:** ~Conway Dog Park along **Alternative 16** ~Hillcrest Cemetery along **Alternatives 15 & 16** ~Singleton Cemetery along **Alternatives 14 through 16** ~Swing Bridge Park along **Alternatives 14 through 16** **~**Waccamaw Wildlife Refuge along Alternatives 1-15

According to **Table 1**, Alternative Corridor 16 would be the least damaging alternative to WoUS, all sections of Subpart C (Potential Impacts on Physical and Chemical Characteristics of the Aquatic Ecosystem), all sections of Subpart D (Potential Impacts on Biological Characteristics of the Aquatic Ecosystem) except for indirect impacts to Essential Fish Habitat, all sections of Subpart E (Potential Impact on Special Aquatic Sites), and the aesthetics and wildlife/managed lands of Subpart F (Potential Effects on Human Use Characteristics).

It is important to note that while Alternative Corridor 16 reduces much of the environmental impact under Subparts C through E, as well as WoUS, it does possess potential impacts to two (2) boat ramps, one (1) fishing pier, two (2) parks and two (2) cemeteries along its corridor. Consideration to these impacts will need to be factored into the overall cost, logistics, and impacts of each alternative. However, Alternative Corridor 16 still presents as the least environmentally damaging of the practicable build alternatives.

3.3 Section 404(b)(1) Guidelines: Requirements, Restrictions, and Factual Determinations

Under the Section 404(b)(1) Guidelines, non-water dependent, practicable alternatives not involving special aquatic sites are presumed to have less adverse impact on the aquatic ecosystem, unless clearly demonstrated otherwise. Highway and transit projects generally are not water-dependent activities, and many do, as with the proposed project, impact special aquatic sites (Caltrans, 2013).

As discussed above, alternatives completely avoiding special aquatic sites or other waters of the U.S. are impracticable in terms of cost and logistics. Of the sixteen (16) alternatives, Alternative Corridor 16 would have the least impacts on the environment. Furthermore, no discharge will be permitted if it does any of the following (restrictions):

- Violates any SCDHEC water quality standard,
- Violates any applicable toxic effluent standard or prohibition under Section 307 of the CWA,
- Jeopardizes the continued existence of endangered or threatened species under the Endangered Species Act or results in likely destruction or adverse modification of designated critical habitat, or
- Lacks sufficient information to determine compliance with the Guidelines.

The Guidelines also require the alternatives analysis to make factual determinations regarding the following, which are provided in Chapter 4:

- Physical substrate
- Water circulation and salinity gradients
- Suspended particulates/turbidity
- Contaminants
- Aquatic ecosystem and organisms
- Proposed disposal site
- Cumulative effects on the aquatic ecosystem
- Secondary effects on the aquatic ecosystem
- Current patterns and water circulation

A proposed discharge may not be permitted by the USACE if it would cause or contribute to severe degradation to WoUS, which is based on the factual determinations, evaluations, and tests required by Subparts B and G, after consideration of Subparts C-F. This requires considering individual and collective or cumulative effects. In addition, a discharge may not be permitted by the USACE unless appropriate and practicable steps have been taken to minimize potential adverse effects of the discharge on the aquatic ecosystem (Subpart H in the Guidelines) (Caltrans, 2013).

4 ENVIRONMENTAL EFFECTS OF THE PROPOSED ACTION AND ALTERNATIVES

4.1 Waters of the U.S. Impacts

In accordance with the Guidelines, the potential short-term or long-term effects of a proposed discharge of dredged or fill material on the physical, chemical, and biological components of the aquatic environment must be determined. The following discussion provides brief analysis for each of the factors or criteria that must be considered, as set forth in Subparts C through H of the Guidelines. This analysis will be a broad overview due to the preliminary nature of this project. A more detailed analysis may be given at a later date when the number of alternative corridors considered for the SELL project are narrowed down and design is at a later stage.

4.2 Subpart C: Potential Impacts on Physical and Chemical Characteristics of the Aquatic Ecosystem

Aquatic resources in each alternative would be affected by construction, including the effects of cut and fill grading, placement of culverts, and construction of bridges. These drainages would also receive runoff from construction sites and from the completed roadway, bridges, and related features.

All sixteen (16) alternatives are located within the Little Pee Dee River subbasin (HUC 03040204) and the Waccamaw River subbasin (HUC 03040206). Alternative Corridors 1-6 and 10-13 are also located within the Pee Dee River subbasin (HUC 03040207).

The **Little Pee Dee River subbasin** includes the Little Pee Dee River and a major tributary, the Lumber River. Several small to moderately sized tributary streams drain the subbasin, including Buck Swamp, Bear Swamp, and Lake Swamp. Extensive swamplands are associated with much of the main tributaries, resulting in meandering and often ill-defined stream channels. Much of the Little Pee Dee River is designated as a State Scenic River. Most of the water bodies in the Little Pee Dee River subbasin are designated as “Freshwater.” Aquatic life-uses were fully supported in 72% of the water bodies sampled in this subbasin. Recreational use was fully supported in 78% of the sampled water bodies. In 2008, SCDHEC issued a fish consumption advisory for the Little Pee Dee river and the Lumber River from the North Carolina/South Carolina state line to the Great Pee Dee River (South Carolina Water Assessment, 2nd ed., Chapter 5).

The **Waccamaw River subbasin** includes the Waccamaw River, Intracoastal Waterway, Sampit River, and Winyah Bay. Much of the subbasin is occupied by cypress and hardwood swamps and small tributary-stream valleys. The Waccamaw River and Sampit River flow directly into Winyah Bay, which is an important estuary that also receives freshwater from the Pee Dee River. The cities of Georgetown and Conway rely heavily on these streams for commercial transportation. The Waccamaw River is designated "Freshwater" while the Intracoastal Waterway is designated as "Tidal Saltwater." Aquatic life-uses were fully supported in 55% of the water bodies sampled in this subbasin. Recreational use was fully supported in 95% of the sampled water bodies. In 2008, SCDHEC issued a fish consumption advisory for the Waccamaw River and the Intracoastal Waterway in Horry County (South Carolina Water Assessment, 2nd ed., Chapter 5).

The **Pee Dee River subbasin** includes the Great Pee Dee River and is the dominant hydrologic feature of the subbasin. This river originates in North Carolina and receives most of its flow and drainage in North Carolina. Major tributary streams in South Carolina include Black Creek, Catfish Creek, Jefferies Creek, and Thompson Creek. Black Creek, the largest of these tributaries, flows through the more urbanized part of the subbasin. Most streams in this subbasin are associated with extensive swamp areas and follow indistinct channels that divide and recombine. A 70-mile segment of the Pee Dee River from the US 378 bridge to Winyah Bay is designated as a State Scenic River. All water bodies in the Pee Dee River subbasin, except Winyah Bay, are designated "Freshwater." Aquatic-life uses were fully supported in 75% of the water bodies sampled in this subbasin. Recreational use was fully supported in 75% of the sampled water bodies. In 2008, SCDHEC issued a fish consumption advisory for the Great Pee Dee River, Black Creek, and Lake Robinson (South Carolina Water Assessment, 2nd ed., Chapter 5).

4.2.1 Substrate

Aquatic ecosystem substrates underlie open waters of the U.S. and constitute the ground surface in wetlands. Substrates include physical, chemical, and organic materials necessary for the sustenance of the ecosystem. Dredging or deposit of fill can alter or eliminate its functions, and alterations in substrate elevation and composition can result in changes in water circulation, depth, currents, or temperature and can adversely affect benthic conditions and organisms (Caltrans, 2013).

All sixteen (16) alternatives would cross small to moderate sized tributaries, associated freshwater wetlands and swamps, and the Waccamaw River. Alternative corridors that would cross aquatic resources of significant width, such as the Waccamaw River, would propose bridge structures and approaches. Alternative Corridor 16 is the only corridor that would propose to widen an already existing bridge across the Waccamaw River along US 501. Alternative corridors 14 through 16 would also widen an already existing bridge across the Intracoastal Waterway along SC 544.

Permanent impacts would occur to substrates from the placement of new and/or existing roadway such as structural fill, culverts, and bridge piers and abutments for each of the build alternatives. Temporary impacts to substrate would also occur along and adjacent to WoUS from freeway construction, but these areas would be restored to pre-project grades. If and when feasible, grades may be revegetated with native plant species following construction activity within the Waccamaw Wildlife Refuge. Riprap armoring of all bridge abutments would be included in all build alternatives, but under the bridges, no channel bottom armoring would be employed when feasible. Construction of any build alternative, due to ground and vegetative cover removal, could result in scour, sedimentation, and increased rates or volumes of runoff that could impact substrates during construction and could adversely alter the substrate downstream from the direct effects of scour or from the precipitation of silt or contaminants.

Indirect or secondary impacts could result from roadway runoff and human activity from increased access to WoUS. However, in the case of any build alternative, minimization measures would reduce these impacts to the maximum extent practicable. Any build alternative would include silt fencing to restrict access to wetlands and other WoUS from the roadway and use areas, and would employ Best Management Practices (BMPs) to control adverse effects from runoff during construction.

Much of the project footprint for Alternative Corridors 1 through 13 is undeveloped and therefore, would cause significantly more impact to aquatic resources and the associated substrate. Ultimately, Alternative Corridor 16 proposes the least amount of fill/cut to WoUS and therefore, the least amount of permanent substrate impacts (see Figures 3-5 under Chapter 3.2.1).

4.2.2 Suspended Particulates/Turbidity

Both dredging and stormwater runoff are periodic events that take place within each of the alternative corridors. Dredging likely takes place at a higher rate along the Waccamaw River and Intracoastal Waterway where boats are easily accessible. Most of the time, however, turbidity is not elevated in wetlands and other small to moderate sized linear features in the project area.

Temporary BMPs (soil stabilization, sediment control, wind erosion control, tracking control, non-storm-water management, and waste management and materials pollution control) would be implemented where feasible to contain both storm water and non-storm-water discharges during construction. Upon completion of construction, all temporarily disturbed areas would be stabilized or reestablished under all build alternatives. Where areas of active construction for abutments or bridge supports would be located, cofferdams, silt curtains, or other sediment barriers would be employed to avoid the discharge or deposit of excessive sediment or spoils into adjacent WoUS. The State's Stormwater Pollution Prevention Plan describes how the project would comply with the provision of the National Pollutant Discharge Elimination System (NPDES) Permit. As design progresses, the BMP locations and methods would be evaluated and refined.

With the inclusion of BMPs, the project would not negatively affect water quality in the corridor on a long-term basis. Disturbance of wetlands and other WoUS during construction might create turbid conditions that could reduce light penetration in affected waters, adversely affecting aquatic organisms by lowering photosynthesis, increasing temperatures, lowering oxygen levels and primary aquatic system productivity, and interfering with feeding activity for sighted organisms (Caltrans, 2013). Because of greater number of delineated wetlands and other waters, the alternatives with the largest construction footprint covering the greatest number of delineated aquatic resources (Alternative Corridors 3 and 4) would have a greater potential for these effects. Ultimately, Alternative Corridor 16 proposes the least amount of fill/cut to WoUS and therefore, would be expected to have the least impacts to suspended particulates/turbidity. In general, the maximum practical means to control particulates and turbidity impacts would be employed and minor for whichever build alternative is chosen.

4.2.3 Contaminants

Pollutants that could be generated during construction activities include vehicle fluids, asphaltic emulsions from paving activities, concrete curing compounds, solvents and thinners, paint, sandblasting material, landscaping materials, treated lumber, rubble, contaminated soil or rock, and general litter. During operation, potential sources of pollutants in highway runoff include sediment from natural erosion; nutrients (nitrogen and phosphorous) from tree leaves, mineralized organic matter in soil, fertilizers, runoff, nitrite from automobile exhausts, atmospheric deposition, emulsifiers, and surfactants; pesticides; and metals (dissolved and particulate) from combustion products of fossil fuels, wear particles from brake pads, and corrosion (Caltrans, 2013). These pollutants could be generated by both roadway users and SELL maintenance activities.

All build alternatives of the project have the potential to introduce contaminants into WoUS during construction, operation, and maintenance. Direct impacts would result from contaminant spills or migration into WoUS during construction or operations. Indirect impacts could result from the transport of contaminants into WoUS in runoff from existing sources or from the roadway surface (Caltrans, 2013). BMPs would be evaluated, implemented, and maintained to address these impacts during the planning and design, construction, and operational phases regardless of the build alternative chosen.

As design of any of the chosen build alternatives proceeds, standard technology-based, non-treatment controls selected to reduce pollutant discharges to the maximum extent practicable would be incorporated. The objective of these design pollution prevents BMPs is to prevent downstream erosion, stabilize disturbed soil areas, and maximize vegetated surfaces by preservation or restoration. Approved treatments BMPs that may be implemented for all build alternatives include biofiltration systems, multi-chambered treatment drains, infiltration devices, wet basins, detention devices, traction sand traps, dry weather flow diversions, media filters, and gross solid removal devices (Caltrans, 2013).

The size of the construction zone and the amount of impervious surface area proposed in the completed project are rough measures of each alternative's potential to generate pollutants in runoff. In general, water quality controls would be required equally of all the build alternatives, but Alternative Corridor 16 would have the least impacts to WoUS due to its smaller area of proposed impervious surfaces. Alternative Corridors 3 and 4 have the largest impacts due to the size of its construction zone and number of wetlands and other WoUS identified by ICE.

4.2.4 Water

Current 303(d) impaired receiving water bodies in the project area and the contaminant of concern (impairment) are identified in **Table 2** below.

TABLE 2: WATER QUALITY STATIONS WITHIN THE PROJECT AREA

STATION	ALTERNATIVES (INCLUDES UP TO 5 STATIONS)	HUC 12	COUNTY	USE	HG	SCDHEC 303D LISTED	IMPAIRMENT	WOC
MD-144	14 -- 16	030402060905	HORRY	FISH	HG	IMPAIRED	MERCURY	
CSTL-556	8 -- 16	030402060905	HORRY	FISH	HG	IMPAIRED	MERCURY	
MD-107	8 -- 16	030402060803	HORRY	AL/REC		IMPAIRED	DO, E_COLI	PB
RS-15231	14 -- 16	030402060905	HORRY			NOT ON LIST		
RS-04375	8 -- 16	030402060803	HORRY	REC		IMPAIRED	E_COLI	
MD-158	8 -- 16	030402060803	HORRY	AL/REC		IMPAIRED	DO, E_COLI	
MD-140	1 -- 13	030402061003	GEORGETOWN	FISH	HG	IMPAIRED	MERCURY	
MD-138	1 -- 16	030402061002	GEORGETOWN	FISH	HG	IMPAIRED	MERCURY	
CSTL-559	1 -- 16	030402070205	HORRY	FISH	HG	IMPAIRED	MERCURY	
PD-350	1 -- 16	030402040810	HORRY	FISH	HG	IMPAIRED	MERCURY	
PD-658	1 -- 16	030402040810	MARION	FISH	HG	IMPAIRED	MERCURY	
PD-620	1 -- 16	030402040810	HORRY	FISH	HG	IMPAIRED	MERCURY	
PD-691	1 -- 16	030402040808	HORRY	FISH	HG	IMPAIRED	MERCURY	
PD-702	1 -- 16	030402040806	HORRY	REC		IMPAIRED	E_COLI	
RS-14183	3 -- 7	030402040809	HORRY			NOT ON LIST		
CSTL-557	3 -- 16	030402061002	HORRY	FISH	HG	IMPAIRED	MERCURY	
MD-136	3 -- 16	030402060907	HORRY	FISH	HG	IMPAIRED	MERCURY	
MD-145	3 -- 16	030402060907	HORRY	FISH	HG	IMPAIRED	MERCURY	
PD-638	8 -- 13	030402060905	HORRY	AL		IMPAIRED	BIOLOGICAL	
PD-665	1 -- 16	030402040810	MARION	FISH	HG	IMPAIRED	MERCURY	

Discharge of materials into the aquatic ecosystem could result in loss of functions and values, alter current and flow patterns, change water circulation in the ecosystem, change fluctuation patterns, and may affect salinity gradients if applicable. Where construction impacts WoUS, stream and floodplain characteristics could be affected. Due to the nature of linear transportation projects and the topography and hydrology of the project site, elimination of significant floodplain encroachments is not practicable due to cost, constructability, and maintenance considerations.

Preliminary hydraulic structures at floodplain encroachments will be designed following SCDOT Hydraulic Bridge Design Criteria, which are developed in accordance with FEMA, FHWA, and SCDNR guidelines. Culverts and bridges will be constructed when feasible to avoid the impact of restricting flow from aquatic resources including streams, wetlands, and associated floodplains. Additionally, BMPs listed in the “Contaminants” section 4.2.3 will be implemented.

The build alternative with the least number of potential impacts to WoUS and FEMA floodplain boundaries is Alternative Corridor 16.

4.2.5 Current Patterns and Water Circulation

During widening or construction of the proposed bridges, all build alternatives may temporarily and partially obstruct normal current and circulation patterns by placement of columns and falsework and other construction activity at all bridge locations. Adequate channels would be maintained at all times during construction to allow water level fluctuation, current flow, and circulation within the aquatic resources to occur under normal and fluvial (flood) conditions. Construction methods would also utilize the BMPs and permit conditions set forth in the NPDES permit, SC Navigable Waters permit, and Coast Guard Bridge permit where applicable. After construction is completed, conditions in the Waccamaw River and Intracoastal Waterway would be restored to preconstruction conditions at all bridge crossings.

Besides temporary impacts to water circulation due to bridge construction/widening, the construction of new roadways through streams, wetlands, and associated FEMA regulated floodplains may reduce or eliminate aquatic resource connectivity. Preliminary hydraulic structures at floodplain encroachments will be designed following SCDOT Hydraulic Bridge Design Criteria, which are developed in accordance with FEMA, FHWA, and SCDNR guidelines. Culverts and bridges will be constructed when feasible to avoid the impact of restricting flow from aquatic resources including streams, wetlands, and associated floodplains. In summary, no discernible effect among build alternatives would directly or indirectly alter existing current patterns and water circulation.

4.2.6 Salinity Gradients

Only Alternative Corridors 14 through 16 contain waters with some degree of salinity. Specifically, the Atlantic Intracoastal Waterway is designated as “Tidal Saltwater” by SCDHEC as it is in direct connection to the Atlantic Ocean approximately 23 aerial miles northeast of the study area. The remaining corridors all contain aquatic resources designated as “Freshwater.”

Salinity gradients vary with a number of factors, including strength of tides; the amount of freshwater entering the Waterway and other water bodies from freshwater runoff, stream flows, and precipitation; condition of the openings to the sea; evaporation within the water bodies; and other factors (Caltrans, 2013).

The only work proposed along the Intracoastal Waterway would be to widen the existing bridge. As explained under “Current Patterns and Water Circulation” above, tidal flushing of the Intracoastal Waterway would not change as a result of the proposed project. Minimal and temporary construction methods would be used in the Intracoastal Waterway in order to widen the existing bridge. Such construction methods would utilize the BMPs and permit conditions set forth in the NPDES permit, SC Navigable Waters permit, and Coast Guard Bridge permit.

No direct or indirect changes to the connection of wetlands and other WoUS to openings to the Atlantic Ocean are proposed and, independent of other future projects that would alter the configuration of those openings, the SELL project would not substantially alter salinity gradients in wetlands and WoUS.

4.3 Subpart D: Potential Impacts on Biological Characteristics of the Aquatic Ecosystem

The Federal Endangered Species Act (ESA) of 1973, as amended, is the federal regulatory tool that serves to administer permits, implement recovery plans, and monitor federally protected (endangered and threatened) species. The ESA is administered and regulated by the U.S. Fish and Wildlife Service (USFWS) and/or National Oceanic and Atmospheric Administration-National Marine Fisheries Service (NOAA-NMFS). Because of the federal nexus of the proposed project, consultation with the USFWS is required under Section 7 of the ESA, as amended (16 USC 1531-1534), for proposed projects that "may affect" federally endangered and threatened species.

Species with the federal classification of Endangered (E) or Threatened (T) or Threatened due to Similarity of Appearance (T [S/A]) are protected under the ESA of 1973, as amended (16 U.S.C. 1531 et seq.). The term "endangered species" is defined as "any species which is in danger of extinction throughout all or a significant portion of its range," and the term "threatened species" is defined as "any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range" (16 U.S.C. 1532).

The term "Proposed" (P) is defined as "any species proposed for official listing as endangered or threatened." "Candidate" (C) species are taxons under consideration for which there is sufficient information to support listing, but development of a proposed listing regulation is precluded by other higher priority listing activities. "At-Risk Species" (ARS) is an informal term that refers to those species which may be in need of concentrated conservation actions and have been petitioned for listing as threatened or endangered. The USFWS designations P, C, and ARS do not provide federal protection and require no Section 7 consultation under the ESA. The bald eagle also is no longer protected under the ESA but is afforded federal protection through the Bald and Golden Eagle Protection Act (BGEPA) of 1940.

Please see **Table 3** below for Federal (USFWS) and State (SCDNR) listed Protected Species in Horry County, SC (accessed December 2022). Federally listed threatened and endangered species that may likely have suitable habitat found within the SELL PSA are identified in the table below in **bold**. Please note that the tri-colored bat is in the process of becoming listed as 'endangered' by the end of 2023 for all counties in South Carolina.

TABLE 3: PROTECTED SPECIES IN HORRY COUNTY, SOUTH CAROLINA

PROTECTED SPECIES		PROTECTION	
Common Name	Scientific Name	Federal	State
Bird Species			
Black-capped petrel	*Pterodroma hasitata*	ARS	
American wood stork	*Mycteria americana*	T	E
Bald eagle	*Haliaeetus leucocephalus*	BGEPA	T
Piping plover	*Charadrius melodus*	T, CH	E
Red-cockaded woodpecker	*Picoides borealis*	E	E
Saltmarsh sparrow	*Ammospiza caudacuta*	ARS	-
Red knot	*Calidris canutus rufa*	T, CH	-
Roseate tern	*Sterna dougallii*	E	-

PROTECTED SPECIES		PROTECTION	
Common Name	Scientific Name	Federal	State
Eastern black rail	*Laterallus jamaicensis jamaicensis*	T	-
Swallow-tailed kite	*Elanoides forficatus*	-	E
Least tern	*Sternula antillarum*	-	T
Fish Species			
Atlantic sturgeon*	*Acipenser oxyrinchus*	E, CH	-
Shortnose sturgeon*	*Acipenser brevirostrum*	E	E
Robust redhorse	*Moxostoma robustum*	ARS	-
Carolina pygmy sunfish	*Elassoma boehlkei*	-	T
Insect Species			
Monarch butterfly	*Danaus plexippus*	C	-
Mammal Species			
Northern long-eared bat	*Myotis septentrionalis*	E	-
Tri-colored bat	*Perimyotis subflavus*	Proposed E	-
Rafinesque's big-eared bat	*Corynorhinus rafinesquii*	-	E
West Indian manatee	*Trichechus manatus*	T, CH	E
Finback whale*	*Balaenoptera physalus*	E	-
Humpback whale*	*Megaptera novaengliae*	E	-
Right whale*	*Balaena glacialis*	E	-
Sei whale*	*Balaenoptera borealis*	E	-
Sperm whale*	*Physeter macrocephalus*	E	-
Plant Species			
American chaffseed	*Schwalbea americana*	E	-
Godfrey's stitchwort	*Minuartia godfreyi*	ARS	-
Canby's Dropwort	*Oxypolis canbyi*	E	-
Pondberry	*Lindera melissifolia*	E	-
Harper's fimbristylis	*Fimbristylis perpusilla*	ARS	-
Carolina-birds-in-a-nest	*Macbridea caroliniana*	ARS	-
Ciliate-leaf tickseed	*Coreopsis integrifolia*	ARS	-
Seabeach amaranth	*Amaranthus pumilus*	T	-
Venus flytrap	*Dionaea muscipula*	ARS*	-
Wire-leaved dropseed	*Sporobolus teretifolius*	ARS	-
Reptile Species			
Green sea turtle**	*Chelonia mydas*	T, CH	-
Kemp's ridley sea turtle**	*Lepidochelys kempii*	E, CH	-
Leatherback sea turtle**	*Dermochelys coriacea*	E, CH	-
Loggerhead sea turtle**	*Caretta caretta*	T, CH	T
Spotted turtle	*Clemmys guttata*	ARS	T
Snapping turtle	*Chelydra serpentina*	-	R
Chicken turtle	*Deirochelys reticularia*	-	R
Southern hognose snake	*Heterodon simus*	-	T
Striped mud turtle	*Kinosternon baurii*	-	R
Eastern mud turtle	*Kinosternon subrubrum*	-	R

PROTECTED SPECIES		PROTECTION	
Common Name	Scientific Name	Federal	State
Diamond-baked terrapin	*Malaclemys terrapin*	-	R
Eastern musk turtle	*Sternotherus odoratus*	-	R
Eastern box turtle	*Terrapene Carolina*	-	R

E = Endangered, T = Threatened, ARS = At Risk Species, C = Candidate, R = Rare, CH = Critical Habitat, BGEPA = Bald and Golden Eagle, * = Contact National Marine Fisheries Service (NMFS) for more information, ** = The USFWS and NMFS share jurisdiction of this species

Due to the preliminary stage of analysis for the SELL project, no threatened and endangered species field surveys were conducted within each alternative corridor. A desktop review for any observed sighting of federal or state listed protected species was conducted December 2022 using the South Carolina Natural Heritage Database. The PSA was analyzed within the context of all sixteen (16) alternative corridors.

Based on initial desktop review, several sightings of federal and state protected species were identified. These include the following:

1. **Bald Eagle** was observed in 2022 at Lake Busbee, within 1 mile of Alternative Corridors 14-16.

2. **American chaffseed** was observed in 1954 (possibly extirpated now) just east of SC 544 and just south of US 378. This observed sighting is located right within Alternative Corridors 15 and 16. Another American chaffseed sighting was observed in 1985 (possibly historic) west of US 17 and just south of Freewoods Road. No alternative corridor is located at this sighting.

3. **Rafinesque's big-eared bat** roost was observed in 2022 along US 701 at the southernmost portion of the PSA. No alternative corridor is located at this sighting.

Below are descriptions on the potential direct and indirect impacts on federally listed threatened and endangered species for all build alternatives.

4.3.1 Direct Impacts on Federally Listed Threatened and Endangered Species

For all build alternatives, construction activity within the construction footprint of the project would result in direct, permanent impacts on federally listed species. The Waccamaw River hosts suitable habitat for the American wood stork, bald eagle, Atlantic sturgeon and shortnose sturgeon. The construction of a new bridge across this river is likely to result in direct impacts to each species. Noise generated by construction activities may cause species to migrate, nests may be removed, and biological resources within the river may be affected by increased shading.

Under Alternative Corridors 14 through 16, the Intracoastal Waterway also hosts potential habitat for the West Indian manatee, the Atlantic sturgeon and the shortnose sturgeon. The same direct impacts listed above also may be experienced at the proposed bridge widening along SC 544.

Plants such as the American chaffseed, Canby's dropwort, and pondberry can be found within or on the boundaries of wetlands. Wetlands have been identified within each of the build alternatives. In fact, historic sighting of the American chaffseed have been observed within Alternative Corridors 15 and 16. Plants in each of the construction footprints would be removed and thus are considered permanently impacted, but it may be possible to avoid the plants during construction. If impacts to the plants cannot be avoided, seed would be collected and transplanted to suitable habitat.

The Northern long-eared bat and the tri-colored bat would both need to be surveyed for prior to construction. Both species roost underneath bark, in cavities, or in crevices of both mature living and dead trees. They also can be found under bridges, in pipes/culverts, and abandoned buildings. Because habitat for both species is present for all alternative corridors, direct impacts are likely in the form of tree clearing where their roost cavities would be destroyed. Noise generated by construction activities may also result in temporary direct impacts. Tree clearing activities during the pup season (June 1 through July 31) would be avoided to reduce the level of direct impacts to these species.

4.3.2 Indirect Impacts on Federally Listed Threatened and Endangered Species

Indirect impacts to each federally listed species can result from increased lighting, increased exposure to invasive species and trash or debris, edge effects, increased potential for pollution from storm water runoff, and long-term increases in noise. In the areas where the direct effects on federally listed species would occur, indirect effects would occur to the same species occupying the same habitats adjacent to the construction footprint of each alternative.

4.3.3 Impacts on Critical Habitat

According to USFWS Information for Planning and Consultation (IPaC), no critical habitat is identified within all sixteen (16) alternative corridors. Therefore, no impacts to critical habitat are anticipated under the SELL project.

4.3.4 Comparison/Summary of Impacts on Federally Listed Threatened and Endangered Species

Without proper surveying of each alternative corridor, no conclusion can be made as to the lack and/or presence of federally listed species within each corridor. It can be concluded that suitable habitat does exist for federally listed species identified in **bold** in **Table 3** for all sixteen (16) alternatives. Generally, the greater the footprint of undeveloped land, the greater the risk/potential of impact to federally listed species.

The Waccamaw River/Wildlife Refuge hosts suitable habitat for the American wood stork, bald eagle, Atlantic sturgeon and shortnose sturgeon and it is under Alternative Corridors 1 through 15 that a new roadway/bridge is proposed across the Waccamaw River/Wildlife Refuge. Therefore, direct and indirect impacts to the species that may utilize this river/refuge as habitat are increased under Alternative Corridors 1 through 15 versus Alternative Corridor 16 which would only widen the existing bridge over the Waccamaw River along US 501.

Therefore, Alternative Corridor 16 poses the least threat to protected species. It is important to note that initial desktop reviews identified the presence of federally listed species (the bald eagle and American chaffseed) near or within Alternative Corridor 16. However, the fact that Alternative 16 is one of the more developed alternatives corresponds with the increased likelihood of an observed spotting whereas more pristine/isolated corridors such as Alternative Corridors 1 through 7 have less human foot traffic and therefore, less observed sightings. The potential of finding protected species in such corridors is highly likely once field surveys are underway.

4.3.5 Fish, Crustaceans, Mollusks, and Other Aquatic Organisms in the Food Web

Each of the build alternatives would result in permanent, direct impacts to aquatic species. These impacts would result from the permanent loss of individual organisms and their habitat during and after construction. Permanent, indirect impacts to aquatic organisms could occur from increased pollution runoff due to additional highway traffic, resulting in potential loss of individual species and increased nonnative species plant intrusion, with potential loss of the habitats necessary to support these species (Caltrans, 2013).

Temporary impacts to aquatic organisms in the food web could result from turbidity, sedimentation, pollution, and contamination that could occur during construction and operation of the proposed facility. Where bridges are widening or constructed, permanent impacts could result from increased shading of the biological resources located beneath. Shading would have a permanent indirect effect on vegetation and benthic communities, decreasing overall productivity for some. Increased shading could particularly affect organisms with little or low motility such as mollusks. Beneficial effects may also occur due to increased column and abutment surfaces, which could provide new encrusting habitat. Organisms that prefer lower-light and cooler environments will also thrive under such conditions (Caltrans, 2013).

4.3.6 Comparison of Impacts on Fish, Crustaceans, Mollusks, and Other Aquatic Organisms in the Food Web

Indirect effects such as increased light, shading, and pollution associated with the roadway are classified as edge effects. Shading already exists along the bridge across the Waccamaw River under Alternative Corridor 16 and the bridge across the Intracoastal Waterway under Alternative Corridors 14 through 16. New bridge/shading across the Waccamaw River would occur under Alternative Corridors 1 through 15. Therefore, edge effect is already fully present for Alternative 16 at both bridge crossings and the biological resources under these existing bridges would receive minor impacts relative to Alternative Corridors 1 through 15 where new bridges are proposed in pristine habitats across the Waccamaw River and ultimately, the Waccamaw Wildlife Refuge. Such crossings would experience increased nighttime lighting from the roadway and traffic, increased access from invasive species, bisected habitats, and other edge effects.

Impacts may also be greater to fish, crustaceans, mollusks, and other aquatic organisms the further downstream along the Waccamaw River due to closer proximity to Winyah Bay and where the Intracoastal Waterway drains into the Waccamaw River. Such alternatives that are located further south include Alternative Corridors 1 through 6 and 10 through 13.

4.3.7 Impacts on Essential Fish Habitat

Essential Fish Habitat (EFH) is identified in the Magnuson-Stevens Fishery Conservation and Management Act as "those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity."

Essential Fish Habitat does exist along the Waccamaw River and Intracoastal Waterway under Alternative Corridors 1 through 6 and 10 through 16. Construction of new bridge pilings and fill placed along the abutments could directly impact EFH. Bridge footprints are considered to cause permanent impacts. Shading by the wider bridges may reduce some habitats used by fish; however, structure provided by bridge columns and temperature changes under the bridge may be favored by some fish species. Increased storm water runoff from the wider roadway could have indirect impacts, such as turbidity sedimentation, freshwater influx, and possibly pollutants on EFH (Caltrans, 2013).

BMPs for water quality would be part of the project and would control these indirect runoff impacts under all build alternatives. During construction of the bridges, falsework and some kind of work platform may be used, which could temporarily impact EFH. Based on current NOAA EFH mapping, no EFH is identified under Alternative Corridors 7 through 9. Therefore, these corridors are the least damaging to EFH.

4.3.8 Other Wildlife and Wildlife Corridors

Alternative Corridors 1 through 15 host the Waccamaw Wildlife Refuge, which was established on December 1, 1997 to protect and manage diverse habitat within coastal river ecosystems and to provide wildlife-dependent recreational activities such as hunting, fishing, wildlife observation, photography and environmental education. The wetland diversity within the refuge provides important habitat for migratory birds, fish and other wildlife. Such species include the great blue heron (*Ardea herodias*), snowy egret (*Egretta thula*), black rail (*Laterallus jamaicensis*), red-headed woodpecker (*Melanerpes erythrocephalus*), American wood stork, Atlantic and shortnose sturgeon, Southern rein orchid (*Platanthera flava)*, spotted turtle, and thousands of other unique species. This refuge provides biological value as habitat for resident species and also allows for migration, genetic exchange, and general movement of common, sensitive, and protected wildlife.

Discharge of fill material associated with all of the build alternatives except Alternative Corridor 16 may eliminate or change breeding and nesting areas, destroy escape cover, increase edge effects, alter travel corridors, or remove preferred food sources for resident aquatic species and associated other species. Impacts to corridor crossings between streams, wetlands, and upland could affect small mammals, reptiles, and amphibians. Bird species movement is not as likely to be adversely affected by movement corridor impacts as they can fly over the roadway. However, their nests may be directly impacted.

It is important to note that the presence of wildlife corridors may provide a link between habitat patches, increasing the area available for dispersal, foraging, and breeding. For smaller animals, the corridor itself may provide the habitat needed to sustain viable populations. The bridge proposed across the Waccamaw River may therefore provide increased benefits to the Wildlife Refuge. The bridge should be designed with a bench wide enough to facilitate wildlife movement, or a separate vegetated bridge used specifically for wildlife crossings could be construction below or adjacent to the roadway. This would reduce the chance of fatal or injury-causing collisions with wildlife. Constructing along Alternative Corridor 16 would avoid these concerns altogether as it is not even located within the Waccamaw Wildlife Refuge.

4.4 Subpart E: Potential Impacts on Special Aquatic Sites

All wetlands, the Waccamaw River, and the Waccamaw Wildlife Refuge are all considered special aquatic sites. All build alternatives would have permanent and temporary impacts on at least one of these sites. Direct, permanent impacts on special aquatic sites would eliminate the biological productivity in these areas and possess the potential to indirectly impact them by introducing contaminants or pollutants and increasing suspended particulates or turbidity.

According to Figure 4 under Chapter 3.2.1, Alternative Corridor 16 poses the least potential impacts to wetlands. In addition, there are no proposed impacts to the Waccamaw Wildlife Refuge and potentially minor impacts to the Waccamaw River.

4.5 Subpart F: Potential Impacts on Human Use Characteristics

4.5.1 Municipal and Private Water Supplies

The Grand Strand Water and Sewer Authority (GSWA) is the major supplier of water for Horry County, and has two surface water treatment facilities. The majority of the area is supplied by the Bull Creek Treatment Plant, supplemented by Aquifer Storage and Recovery (ASR) wells located throughout the service areas. In addition to the ASR wells, water is stored in ground storage reservoirs and elevated tanks (SC Water Quality Report, accessed 2023). According to the South Carolina Watershed Atlas (accessed February 2023), Alternative Corridors 8 and 9 would have the least impacts to the Horry County Public Water Supply (PWS). Alternative Corridors 14 through 16 would have the second least impacts to the PWS.

4.5.2 Recreational and Commercial Fisheries

Boat ramps are located along the Waccamaw River and the Intracoastal Waterway, making these locations hot spots for recreational and commercial fisheries. Alternative Corridors 14 through 16 contain boat ramps and a fishing pier that have the potential to be affected during construction. The Savannah Bluff boat ramp, located 0.03 mile south of US 501 along the Waccamaw River, may be affected under Alternative Corridor 16. The SC 544 boat ramp is located along the Intracoastal Waterway, directly within the study area of Alternative Corridors 14 through 16. Additionally, a fishing pier is located adjacent to the SC 544 boat ramp and has potential to be impacted under Alternative Corridors 14 through 16.

Permanent impacts to these structures are likely and would need to be relocated to accommodate for the road widening along US 501 and SC 544. Temporary impacts would be localized to the vicinity of the bridges (direct and indirect), and due to their limited extent and duration, as well as the BMPs that would be implemented and maintained, these temporary impacts would have less than significant effects on fisheries within both waters.

4.5.3 Water-Related Recreation

Both the Waccamaw River and Intracoastal Waterway are state navigable waters that offer water-related recreation activities including paddleboarding, fishing, boating, and kayaking. As stated under the "Recreational and Commercial Fisheries" section, Alternative Corridors 14 through 16 contain boat ramps and a fishing pier along US 501 and SC 544 that may need to be relocated, thereby affecting water-related recreation associated with these structures. Additionally, only Alternative Corridors 14 through 16 have proposed to widen SC 544 over the Intracoastal Waterway.

Each of the build alternatives would cause temporary impacts to water-related recreation but Alternative Corridors 14 through 16 may result in the relocation and/or dismantling of several boat ramps and a fishing pier. Therefore, Alternative Corridors 1 through 13, all of which have all similar impacts on water-related recreation along only the Waccamaw River, may result in lowered permanent impacts to structures associated with water-related recreation.

4.5.4 Aesthetics

Segments of the project area offer expansive views of the pristine Waccamaw Wildlife Refuge, which is home to thousands of unique species. Such pristine wilderness covers thousands of acres of land that is untouched by human development. SCDNR and USFWS also maintain land surrounding this refuge which is also largely untouched. To construct through such beautiful and pristine land would certainly impact the aesthetics both temporarily and permanently.

Alternative Corridors 1 through 15 propose to construct across 1.5-2.42 miles of federal/state protected land whereas Alternative Corridor 16 would not construct through any protected land. Alternative Corridor 16 would widen existing roadways/bridges and therefore, would be the least impactful aesthetically.

4.5.5 Parks, National and Historic Monuments, National Seashores, Wilderness Areas, Research Sites, and Similar Preserves

The USFWS and SCDNR currently own land throughout the project area. Specifically, portions of these protected lands are classified as the Waccamaw Wildlife Refuge. Hunting, fishing, hiking, boat tours, kayaking, paddle boarding, bird watching, photography, and environmental education are some of the dozens of ways that the Refuge is utilized. Indirect effects due to the project would include noise, glare, and lighting from the proposed bridge and roadway. This may increase the mortality of wildlife due to high volumes of traffic. Populations may migrate or hibernate altogether. As stated in the "Aesthetics" section, Alternative Corridors 1 through 15 propose to construct across 1.5-2.42 miles of federal/state protected land whereas Alternative Corridor 16 would not construct through any protected land.

Parks and cemeteries that may also be affected include the Conway Dog Park (Alternative Corridor 16), Hillcrest Cemetery (Alternative Corridors 15 and 16), Singleton Cemetery (Alternative Corridors 14-16), and Swing Bridge Park (Alternative Corridors 14-16). Impacts to such features are anticipated to be minor take of right-of-way within the listed alternative corridors they are present within. Further analysis will be needed later in the design process.

Given the great environmental and human value of the Waccamaw Wildlife Refuge and the protected land surrounding it, Alternative Corridor 16 would be the least impactful.

4.6 Subpart G: Evaluation and Testing

4.6.1 Evaluation and Testing

Evaluation and testing have not been conducted for the proposed project. Horry County would follow the required procedure to ensure that no adverse impacts related to the deposit of fill material in WoUS would occur. All fill material deposited into WoUS would be evaluated for the presence of contaminants, and if the evaluation showed that the material was or could be contaminated, it would be tested for chemical, biological, and other contaminants before deposit. Contaminated material would not be deposited into WoUS (Caltrans, 2013).

The SELL project grading should have surplus cut material that can be used as fill to construct the project, so all suitable cut material would be used on-site for roadway fill, if possible. Widening and deepening of the channels along the Waccamaw River, Intracoastal Waterway, and other smaller tributaries would involve the removal of sediment by dredging. Dredge material would be removed from the channels with no more incidental fallback and would either be placed in upland areas in such a manner that there would be no return flow to WoUS or disposed of appropriately in an upland landfill with no possibility of return to WoUS. Moreover, any barge, scow, or similar vessel used to temporarily store and/or haul the dredged material would be operated in a manner that precludes the spilling or other release of dredged material back into WoUS. Therefore, no Section 404 discharge into WoUS would occur from the dredging, material handling or disposal from any of the build alternatives (Caltrans, 2013).

4.7 Cumulative Impacts Assessment

According to the Horry County Comprehensive Plan *Imagine 2040* (adopted December 2019), economic development centers are expected to increase along US 378 and US 17. Suburban areas are anticipated to experience the most exponential amount of growth located between SC 544 to US 17. Protected/preserved land surrounding the Waccamaw River is not forecasted to receive any development at this stage of County planning. Likewise, the area between the US 501/SC 22 interchange to just west of SC 544 and SC 707 still plan to remain largely rural. STIP projects planned within the project area include mostly rehab/resurfacing projects and operational/safety projects along and adjacent to US 378, US 501, SC 544, and Cates Bay Highway. Roadway widening along US 501 from SC 544 to SC 31 is currently recorded under two (2) STIP projects: STIP P032537/Construction Year 2023, and STIP P029061/Construction Year 2020.

Such proposed projects would expand on currently developed areas surrounding major roadways, particularly within the southern portion of Horry County. No development is forecasted within federal, or state protected lands along the Waccamaw River and much of the SELL study area between the US 501/SC 22 interchange to just west of SC 544 and SC 707 is forecasted to remain largely rural.

Alternative Corridor 16 proposes to widen these major roadways/bridges where increased economic and residential growth are predicted. Moreover, several STIP projects also reflect the proposed alternative 16 corridor to widen US 501. Therefore, cumulative impacts to visual/aesthetic resources, natural biological communities, water quality, and WoUS for these proposed projects by Horry County and SCDOT would be indiscernible if Alternative Corridor 16 is the preferred alternative. Impacts to such resources within Alternative Corridors 1 through 15 would likely be more pronounced due to the lack of growth anticipated by Horry County surrounding these corridors.

4.8 Subpart H: Actions Taken to Minimize Adverse Effects

4.8.1 Design Iterations and Wetland/Special Aquatic Site/Other Waters Impact Minimization Efforts

Many impacts to WoUS would be unavoidable due to the project size necessary to accomplish the purpose and need. An effort to minimize impacts is an objective of the design effort for each of the build alternatives. The following minimization efforts will be considered (Caltrans, 2013):

- To minimize impacts to sensitive habitats, roadway slopes will be designed at a steeper 2:1 grade where feasible.
- New or existing roadway profiles would be minimized to reduce the width and overall footprint of the roadway to minimize wetlands and right-of-way impacts.

- Wildlife corridors adjacent to the proposed bridge along the Waccamaw River, or suitably wide shoulders along the paved bridge to allow safe crossings for species local to the Waccamaw Wildlife Refuge and surrounding protected areas.
- Bike/pedestrian paths would be attached to the existing roadway/bridge structures where feasible directly over wetlands and streams, eliminating additional impacts to WoUS.
- Proper hydrology studies will be conducted to determine the optimum channel dimensions/cross-sections, combined with bridge lengths, and culvert/pipe/riprap impacts to optimize flood condition flows at each stream crossing with the least amount of impacts to WoUS.
- Auxiliary lanes will only be required at locations where SCDOT standards require them for traffic purposes.
- Walls and temporary concrete barriers will be proposed to reduce additional impacts to wetlands during staged construction.

4.8.2 Conservation Measures

The following conservation measures would be required for implementation of any of the sixteen (16) alternatives:

- Formal threatened and endangered species surveys will be conducted prior to construction to verify the presence or lack of species/suitable habitat.
- All removal of native vegetation or nonnative shrubs and trees within the impact areas would be completed outside of the bird breeding season (April-September), if possible, to avoid impacts to nesting birds. This is especially crucial within state/federal protected lands. Otherwise, a qualified biologist would thoroughly survey all vegetation during preconstruction surveys to ensure no nesting birds are on site. The SCDOT migratory bird procedure would be followed if nests are found.
- If pile driving is necessary for construction of bridge falsework and/or coffer dams for construction of cast-in-drilled hole bridge pilings, all pile driving near the Waccamaw River would be completed outside the bird breeding season to minimize construction noise impacts to resident bird species.
- Noise barriers would be installed at the edge of temporary impact areas near ESAs where feasible and reasonable. Noise walls would not be effective where fill slopes are significantly higher than the affected area.
- No more than 50% of navigable water channels will be blocked during construction, and temporary construction barges/mats will be utilized to prevent any permanent impacts.
- Coffer dams, silt curtains, and/or other barriers would be used around column construction in rivers to contain sediment and debris.
- All debris from the widening of existing bridges or construction of new bridges would be contained, so debris does not fall into rivers and streams.
- Sediment and erosion control measures, consistent with South Carolina Best Management Practices (BMPs), would be installed during construction of the project to prevent runoff and sedimentation to WoUS.
- No heavy machinery will operate within the channel and/or on the banks of streams beyond the limits of construction.

- Special care would be taken when transporting, using, and disposing of soils with invasive plant species. All heavy equipment would be washed and cleaned of debris before entering special aquatic sites.
- A qualified biologist would be made available for both the preconstruction and construction phases to review grading plans, address protection of sensitive biological resources, and monitor ongoing work. The biologist shall be familiar with the habitats, plants, and wildlife of the project area, and shall maintain communications with the resident engineer, to ensure that issues relating to biological resources are appropriately and lawfully managed.
- Cut slopes and temporary impact areas would be revegetated with native upland habitats with composition similar to those habitats within the Waccamaw Wildlife Refuge if and when feasible.
- If lighting for construction is used at night, it would be shielded and directed away from ESAs and limited to the minimum amount needed for work.
- In dredging of WoUS, no more than incidental fallback of dredged material would be allowed. Any barge, scow, or similar vessel used to temporarily store and/or haul the dredged material would be operated in a manner that precludes the spilling or other release of dredged material or the associated water back into waters of the U.S. Disposal of sediment either on the project site or offsite would be allowed only at sites with no possibility of return to waters of the U.S.

4.8.3 Compensatory Mitigation

Mitigation bank(s) with service areas located within the preferred build alternative would be utilized where impacts to WoUS would take place. In the absence of available mitigation banks or wetland and stream credits in the proposed area of impact, a Permittee-Responsible Mitigation (PRM) plan would be developed. A PRM is defined in 33 CFR 332 as “an aquatic resource restoration, establishment, enhancement and/or preservation activity undertaken by the permittee (or an authorized agent or contractor) to provide compensatory mitigation for which the permittee retains full responsibility.” This type of mitigation may also be referred to as “project-specific mitigation.” This form of mitigation would require approval by the USACE and other governmental agencies.

4.8.4 Funding

Funding is currently identified for environmental studies and right-of-way acquisition and funded by Horry County’s Road Improvement and Development Effort (RIDE) III program.

4.8.5 Preliminary LEDPA Identification and Consideration of Other Section 404 Discharge Requirements/Restrictions

Since the aquatic resource full avoidance alternatives are not practicable, and because each of the SELL build alternatives would result in some aquatic resource loss, the practicable alternative with the least damage to aquatic resources must be identified as the LEDPA, unless it has other significant adverse environmental consequences. Based on preliminary analysis and as discussed in detail in Chapters 3 and 4, the alternative with the lowest environmental impacts appears to be Alternative Corridor 16. The LEDPA must be a reasonable and practicable alternative and must be considered in the alternatives screening process. At this point in the project process, 16 conceptual alternatives have been proposed and impacts have been estimated. Following a detailed tiered alternatives screening to determine if the alternatives meet the project purpose and need, a LEDPA can be recommended.

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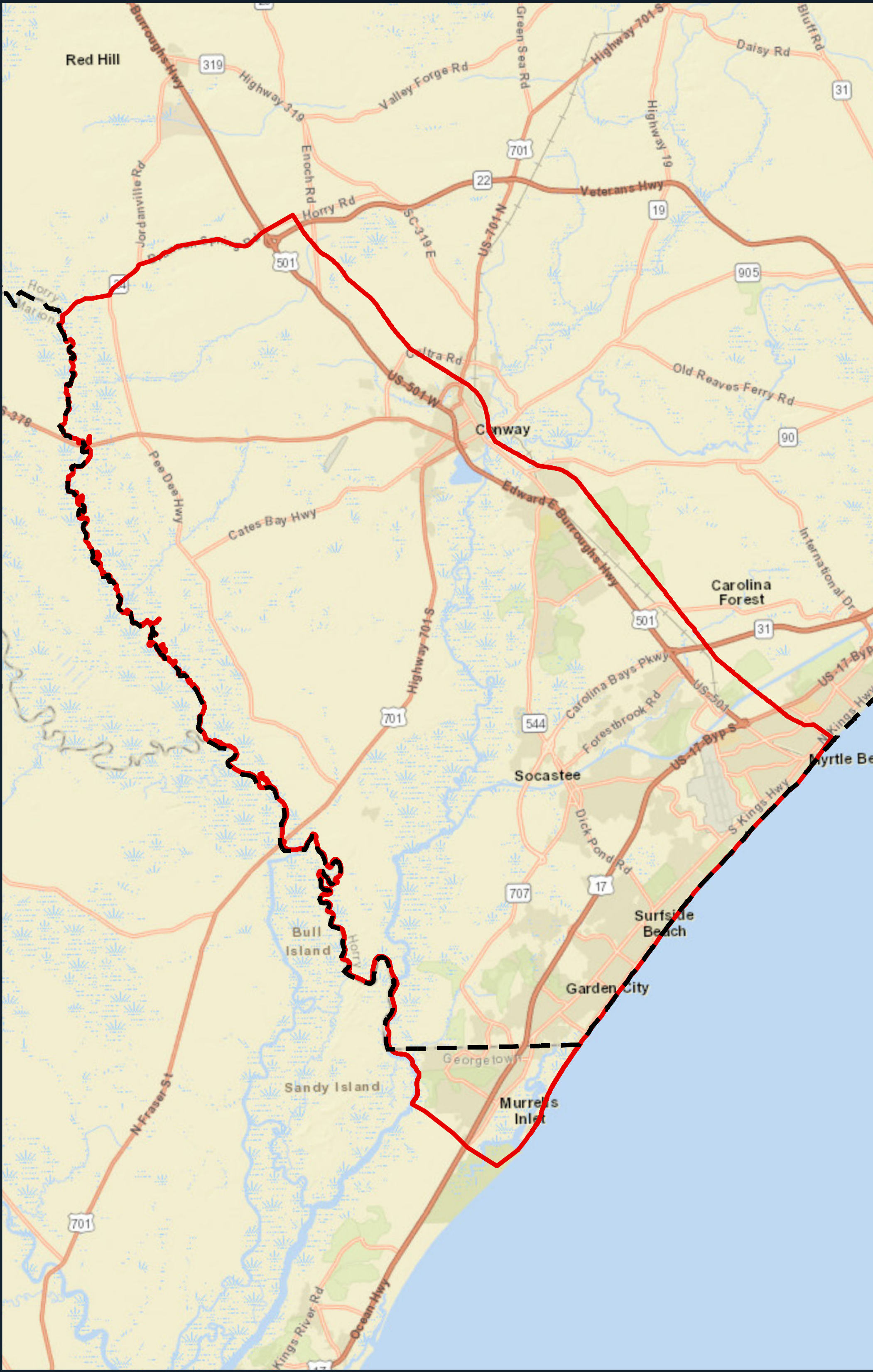
APPENDIX A

FIGURES



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

Project Study Area

Horry County Boundary

FIGURE 1-1 PROJECT LOCATION MAP

10/2022

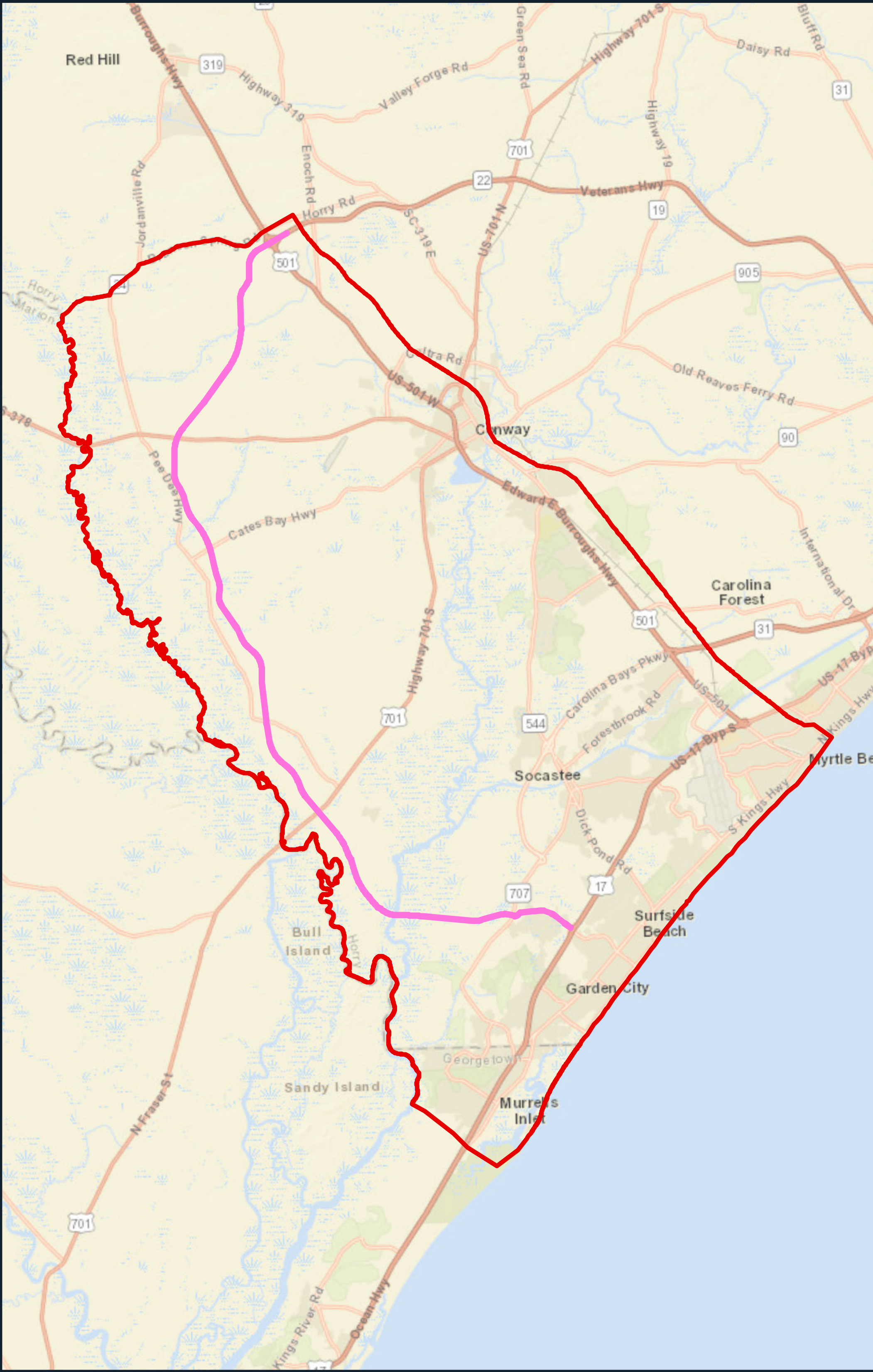
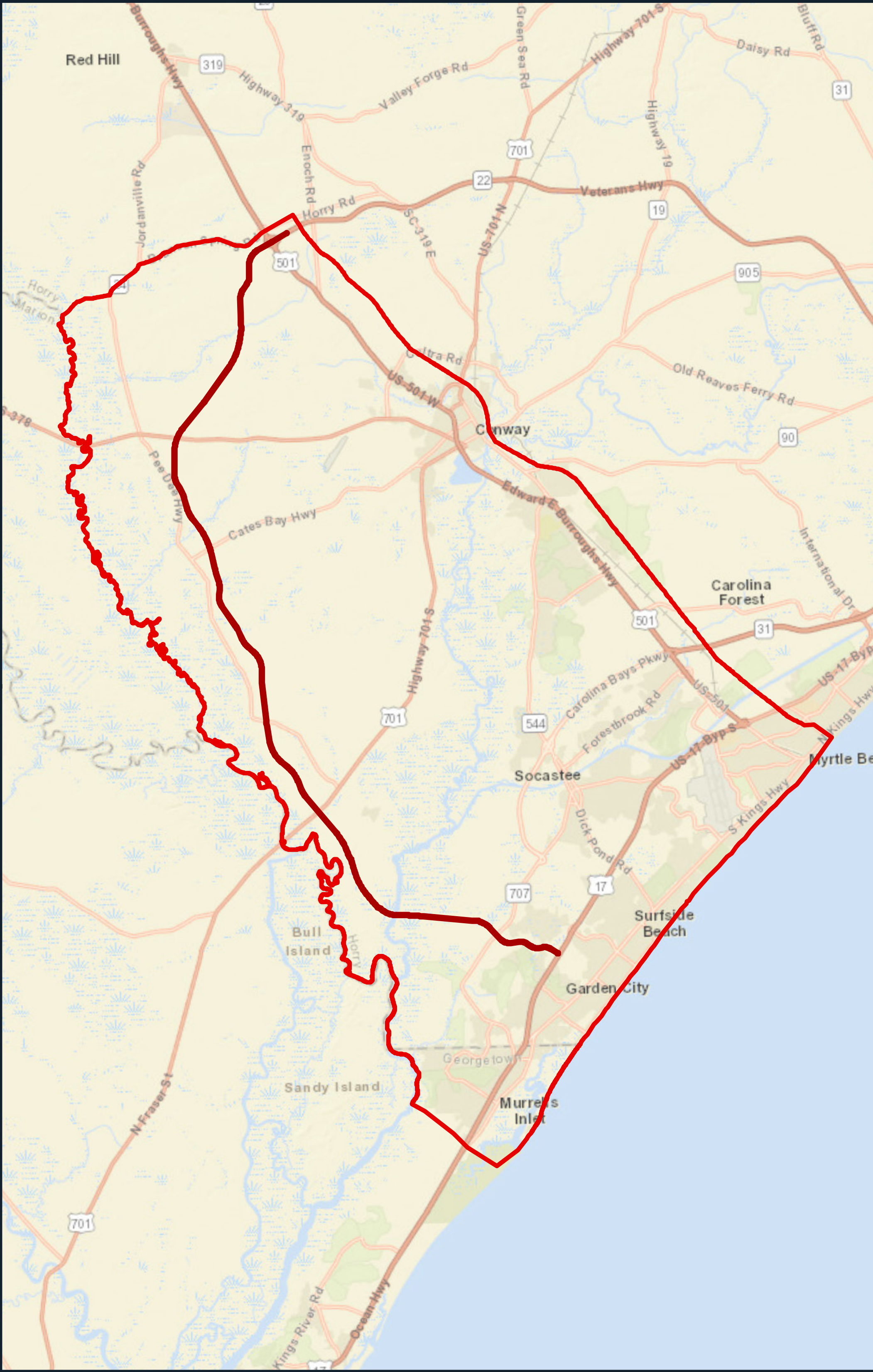


FIGURE 2-1
ALTERNATIVE 1
CORRIDORS MAP

10/2022



Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation

1 inch = 4.7 miles

0 2.5 5
Miles

@ 8.5 x 11 inches

1

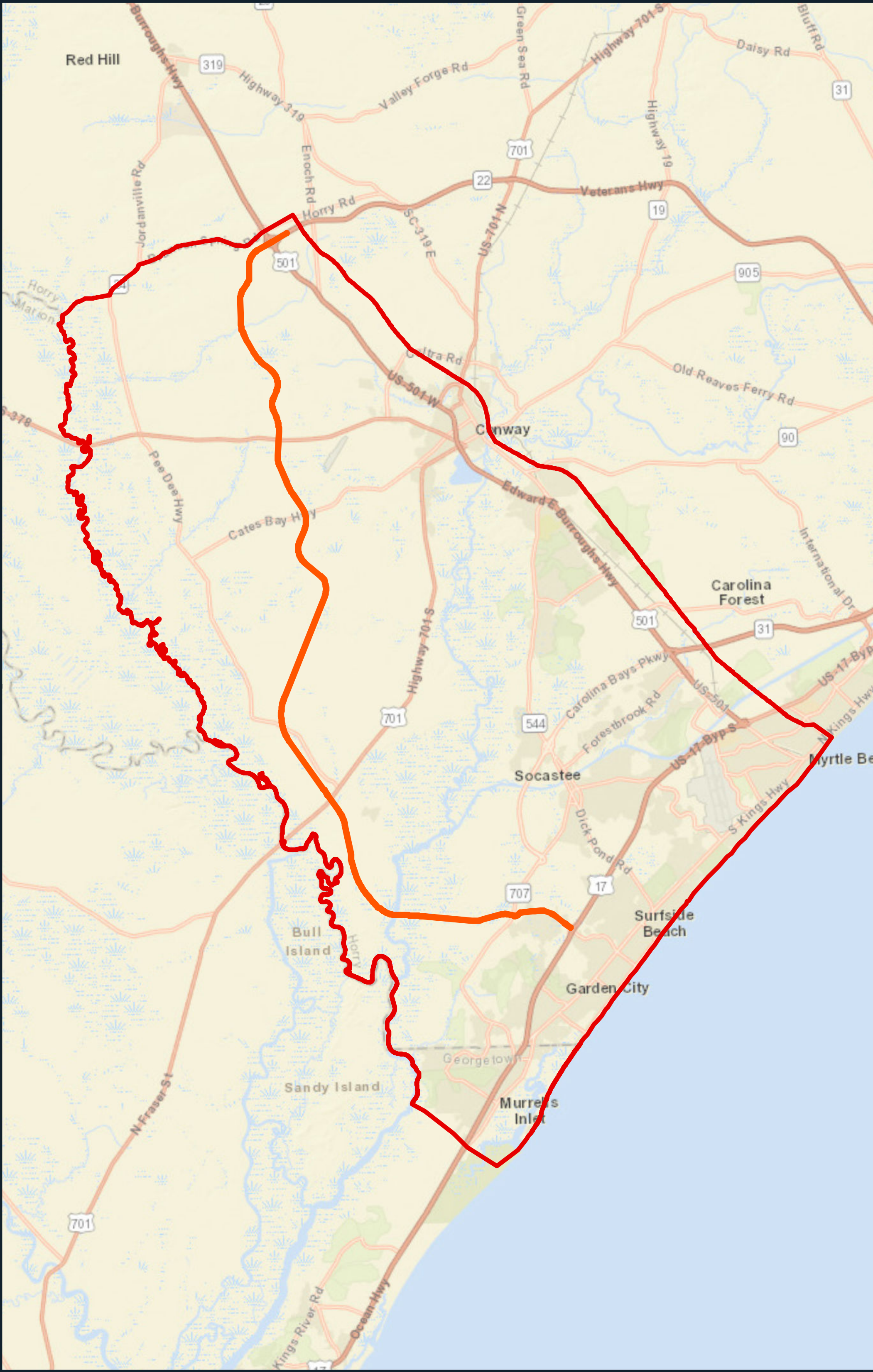
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 2

FIGURE 2-2 ALTERNATIVE 2 CORRIDORS MAP

10/2022



Horry County
Committed to Excellence

RIDE 3

SCDOT
South Carolina Department of Transportation

1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

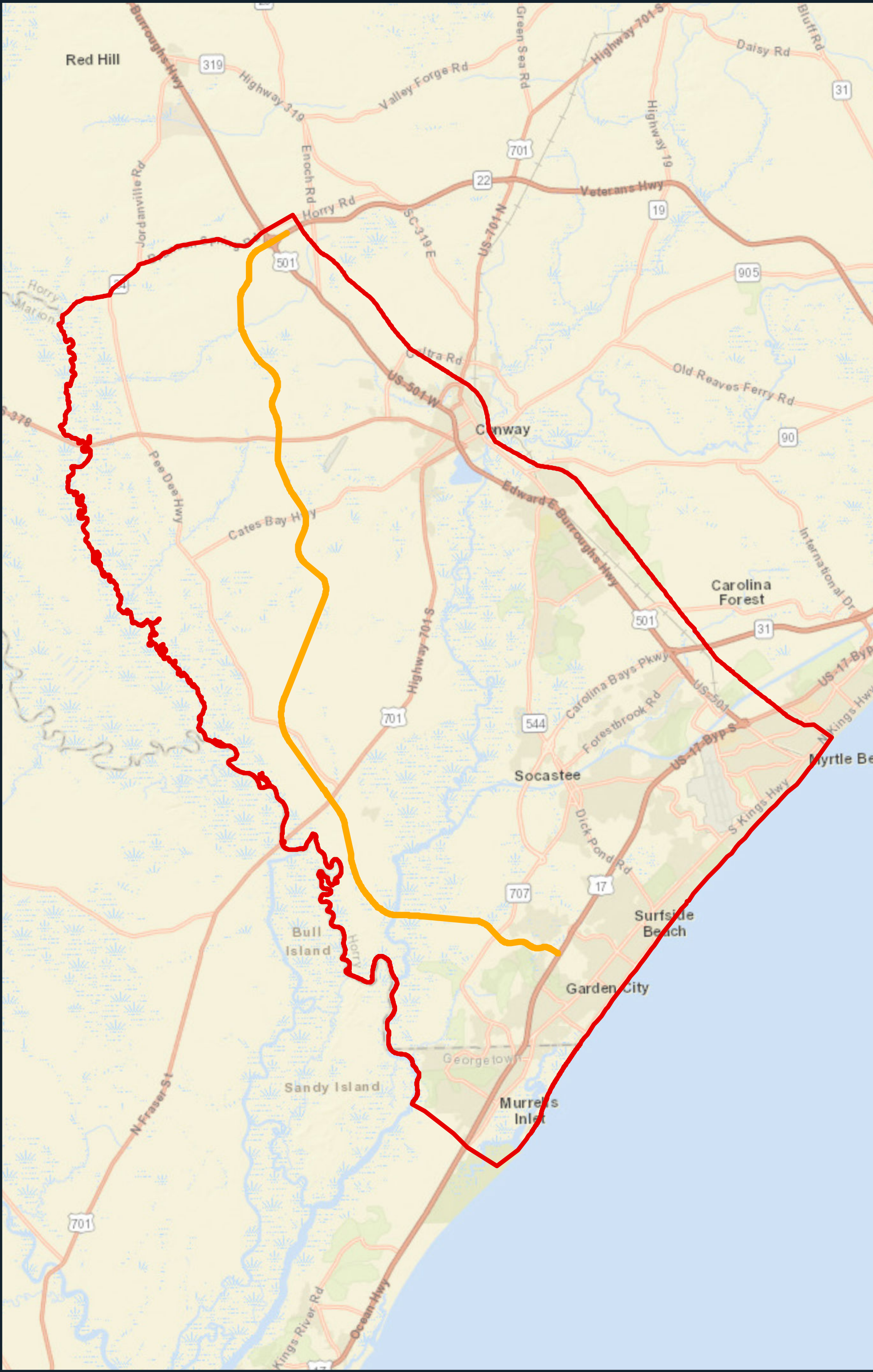
Legend

Project Study Area

Alternative Corridor 3

FIGURE 2-3
ALTERNATIVE 3
CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

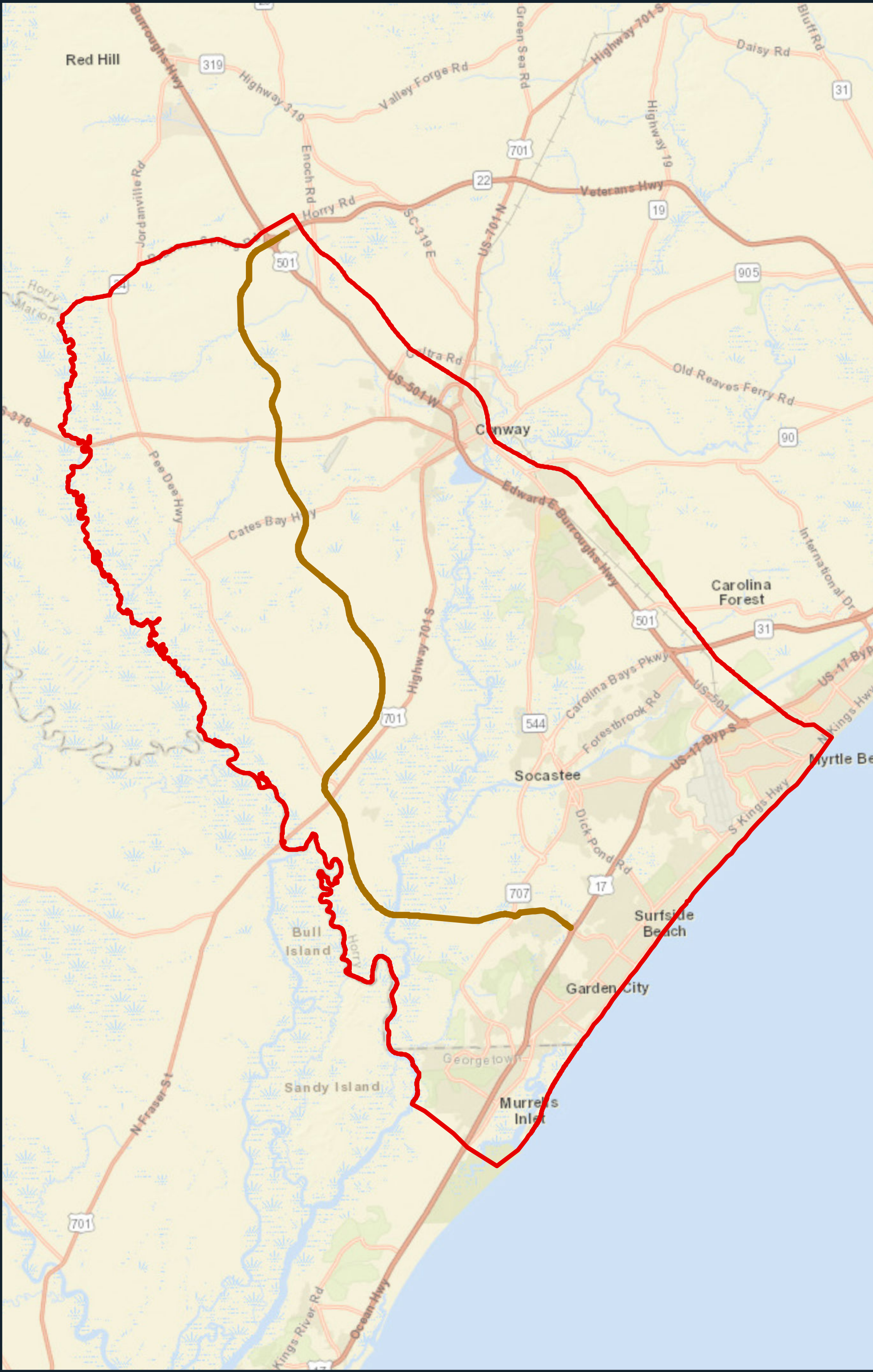
Legend

Project Study Area

Alternative Corridor 4

FIGURE 2-4 ALTERNATIVE 4 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

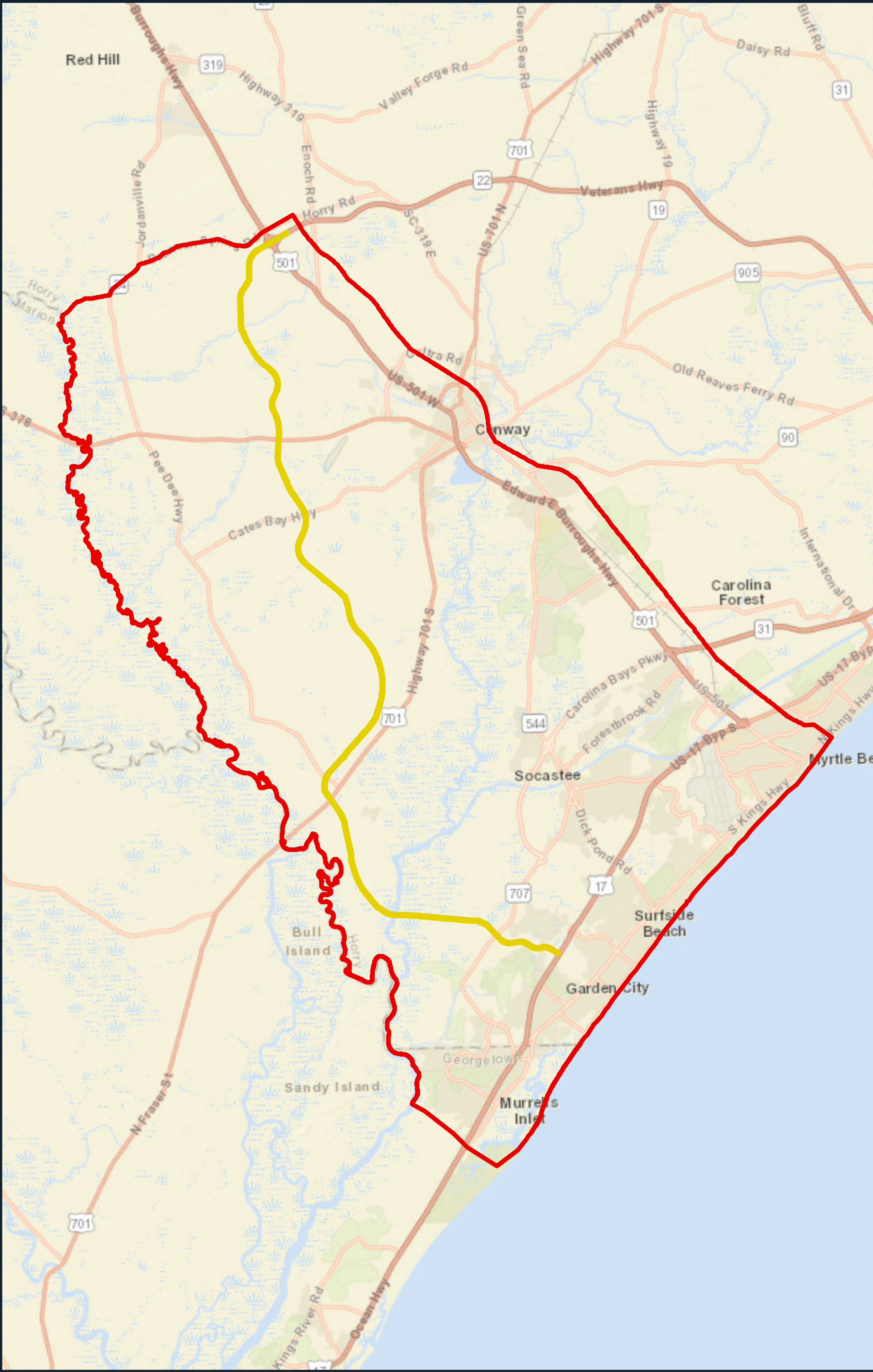
Legend

Project Study Area

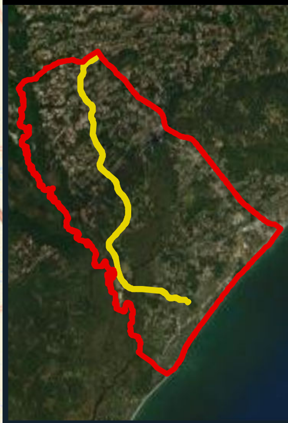
Alternative Corridor 5

FIGURE 2-5 ALTERNATIVE 5 CORRIDORS MAP

10/2022



Horry County
Committed to Excellence
RIDE 3
SCDOT
South Carolina Department of Transportation



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

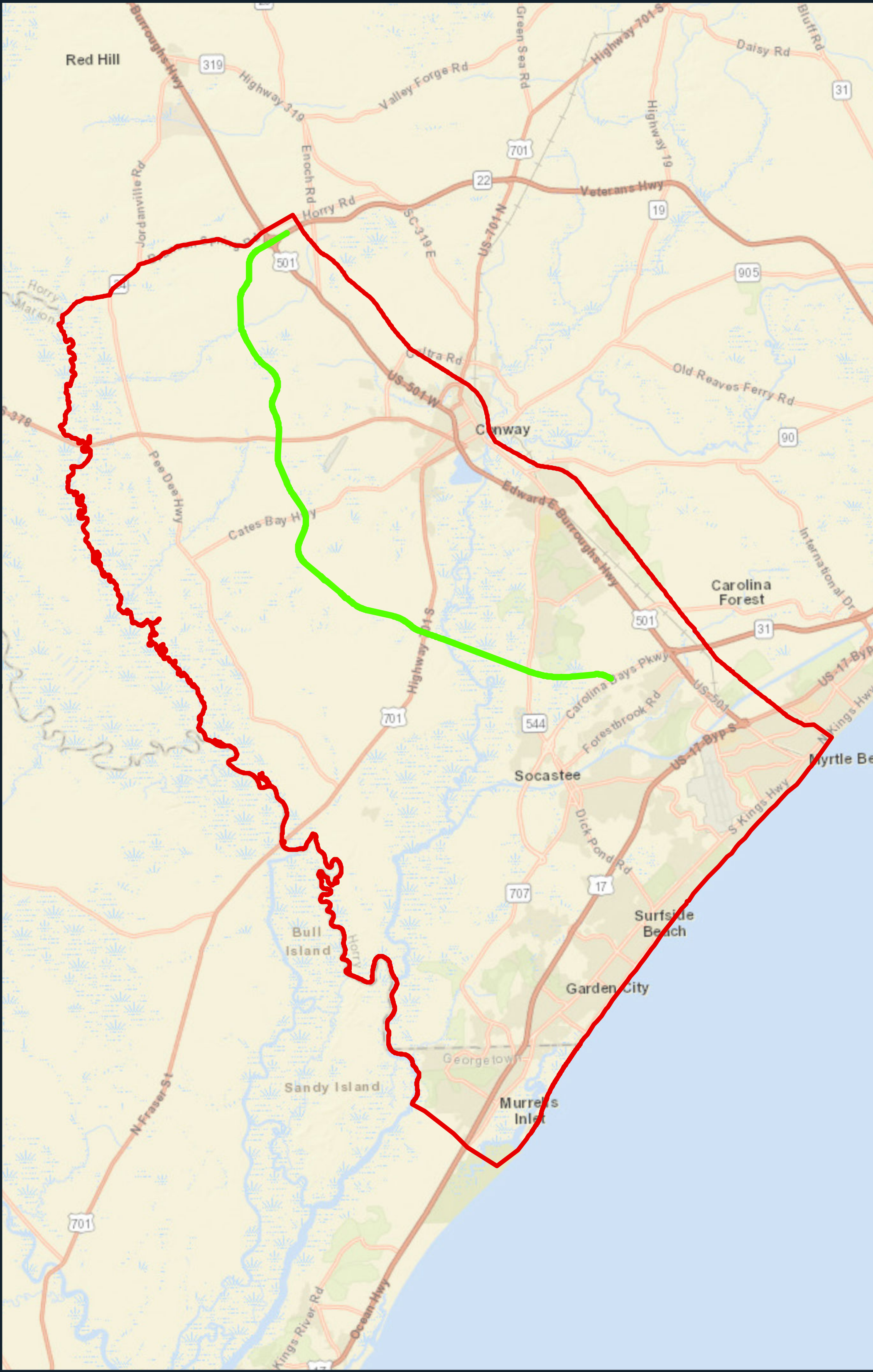
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 6

FIGURE 2-6
ALTERNATIVE 6
CORRIDORS MAP

10/2022



Horry County
Committed to Excellence

RIDE3

SCDOT
South Carolina Department of Transportation

1 inch = 4.7 miles

0 2.5 5
Miles
@ 8.5 x 11 inches

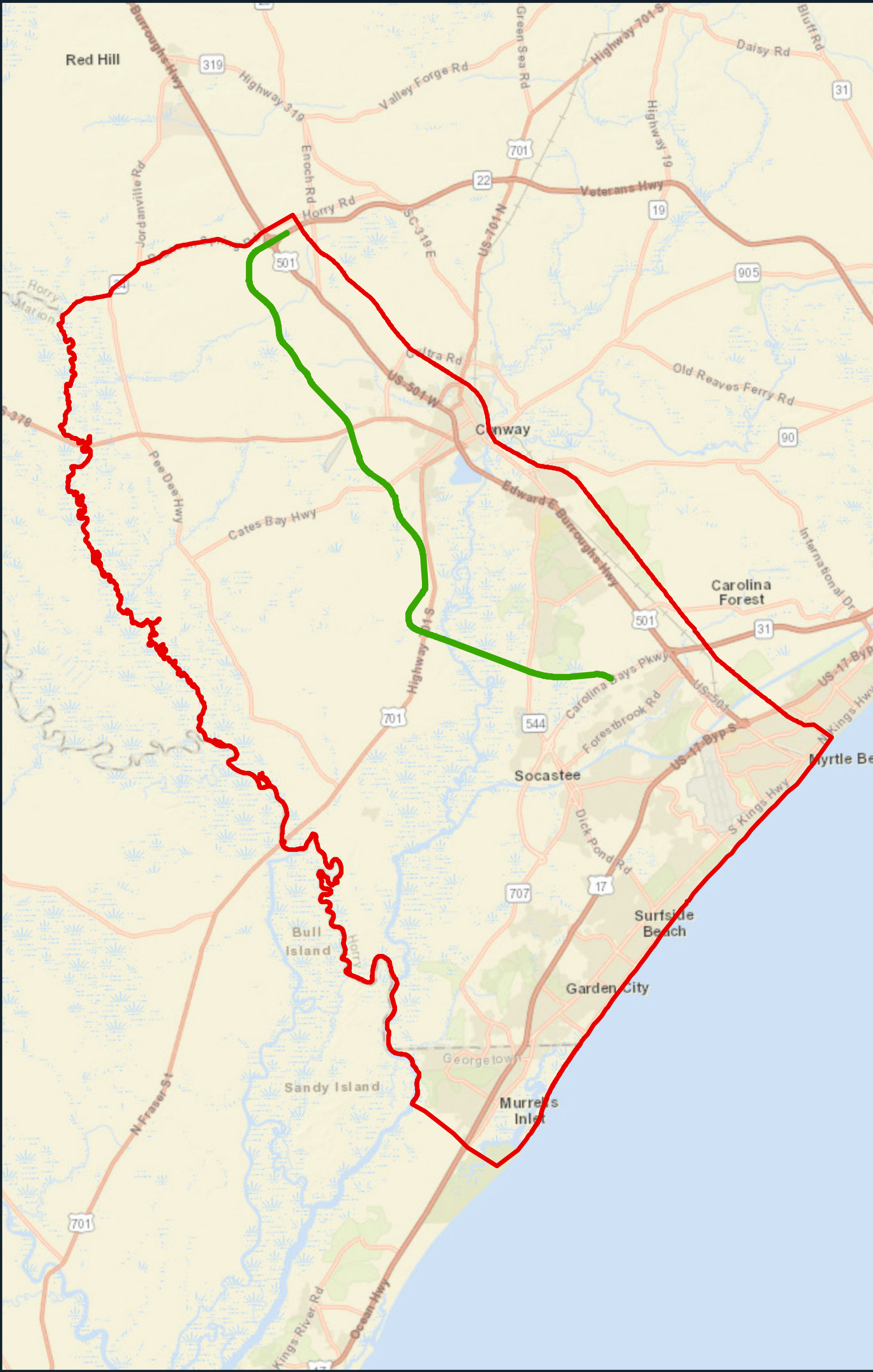
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 7

FIGURE 2-7
ALTERNATIVE 7
CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

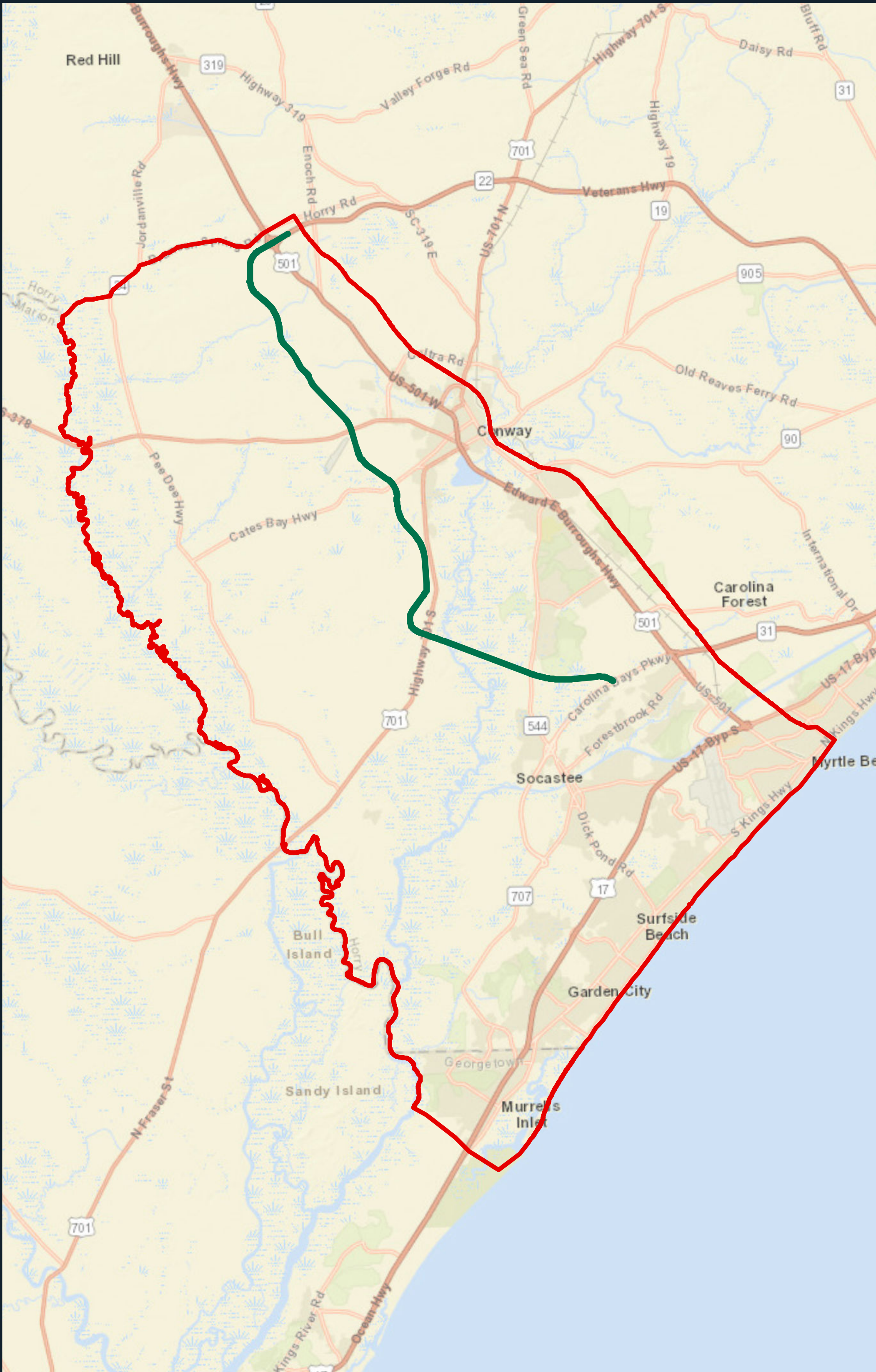
Legend

Project Study Area

Alternative Corridor 8

FIGURE 2-8 ALTERNATIVE 8 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 9

FIGURE 2-9
ALTERNATIVE 9
CORRIDORS MAP

10/2022

Horry County
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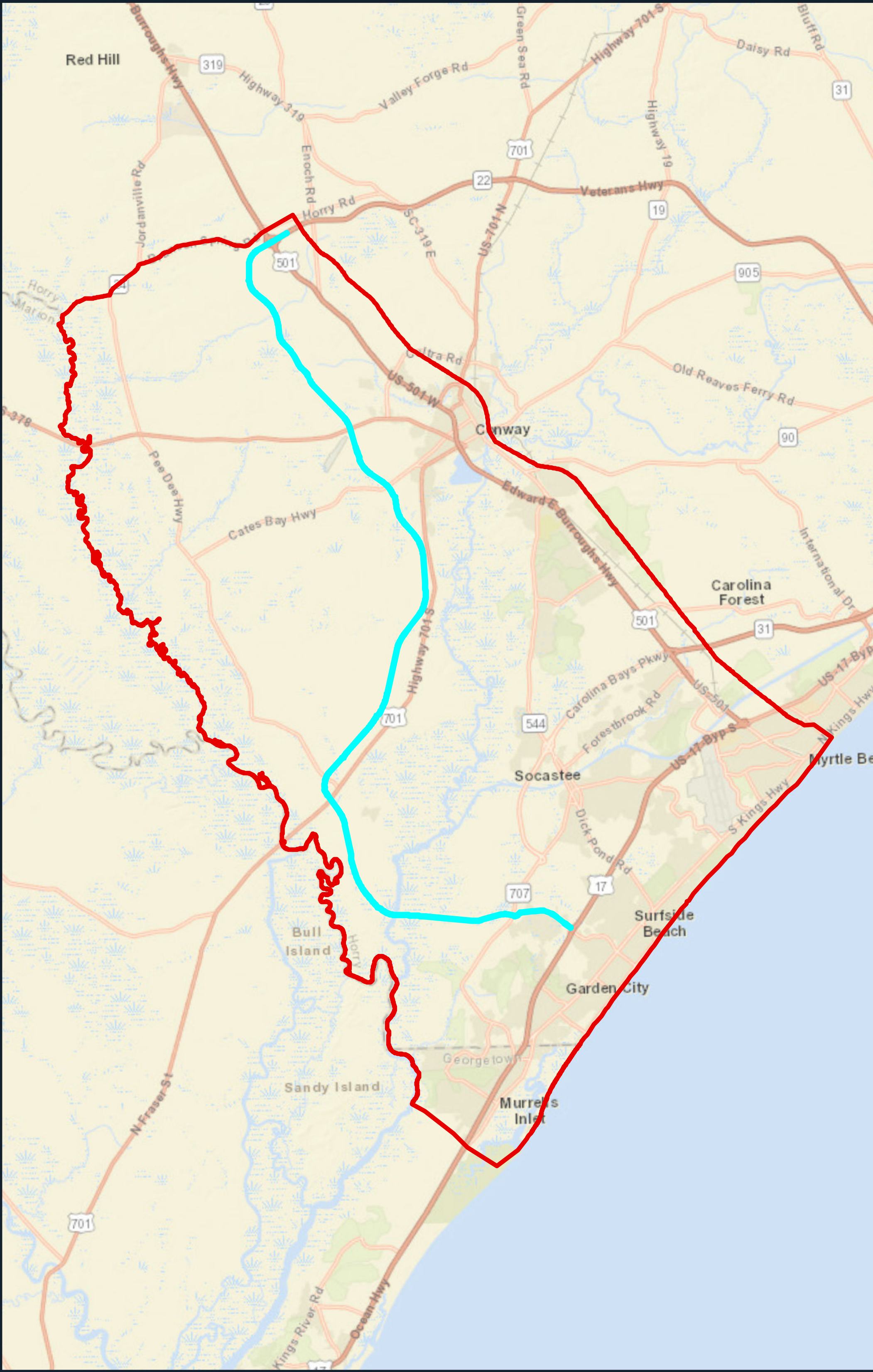
RIDE3
SCDOT
South Carolina Department of Transportation



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

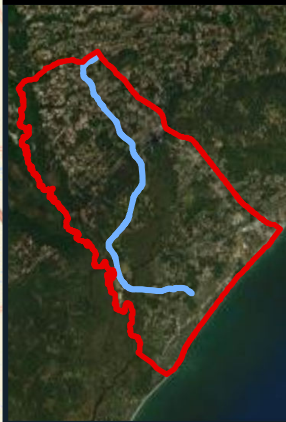
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

Legend

- Project Study Area
- Alternative Corridor 10

FIGURE 2-10 ALTERNATIVE 10 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

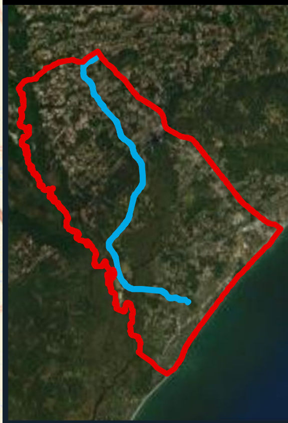
Legend

Project Study Area

Alternative Corridor 11

FIGURE 2-11
ALTERNATIVE 11
CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

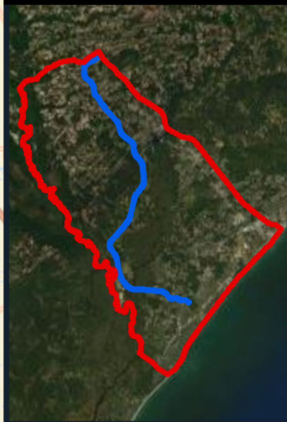
Legend

Project Study Area

Alternative Corridor 12

FIGURE 2-12 ALTERNATIVE 12 CORRIDORS MAP

10/2022



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

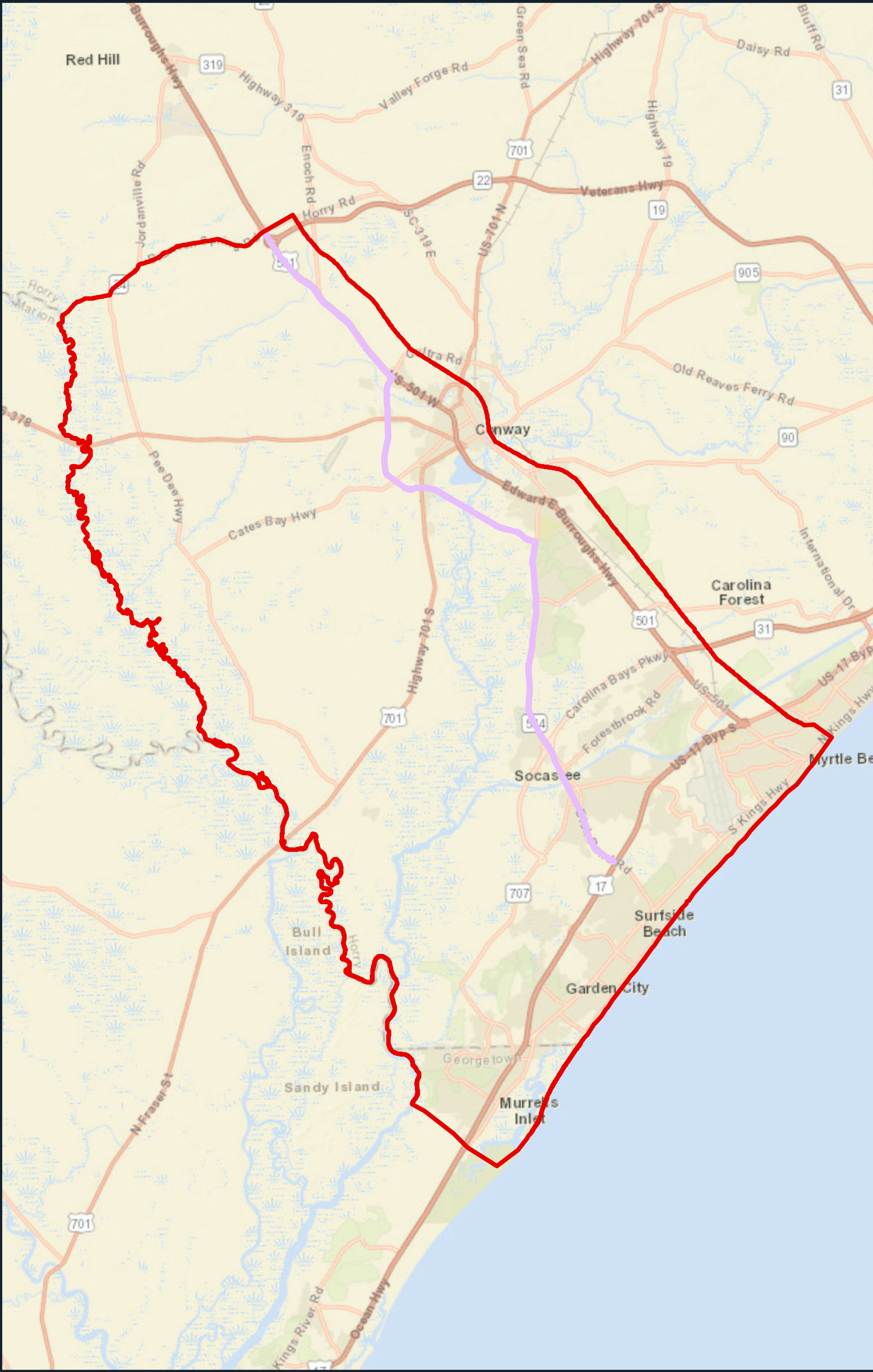
Legend

Project Study Area

Alternative Corridor 13

FIGURE 2-13 ALTERNATIVE 13 CORRIDORS MAP

10/2022



Horry County
SOUTH CAROLINA
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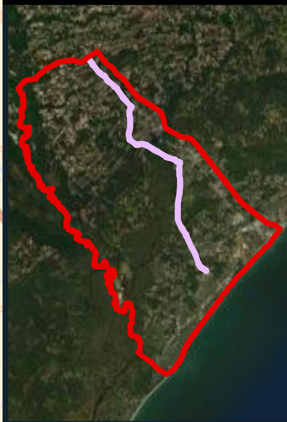
RIDE 3

SCDOT
South Carolina Department of Transportation



1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

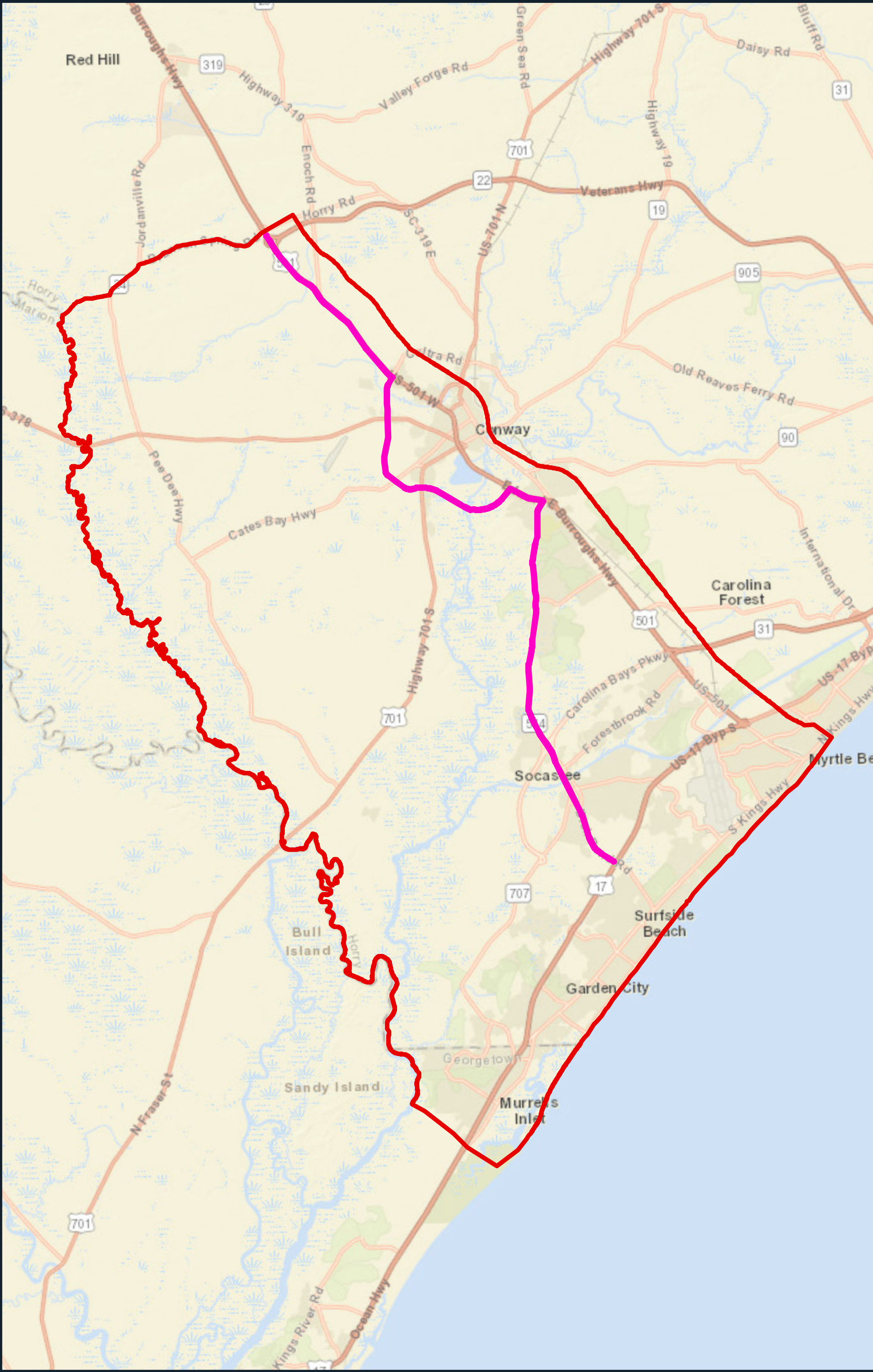
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

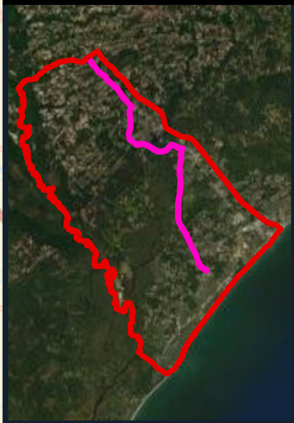
Legend

- Project Study Area
- Alternative Corridor 14

FIGURE 2-14 ALTERNATIVE 14 CORRIDORS MAP

10/2022





1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

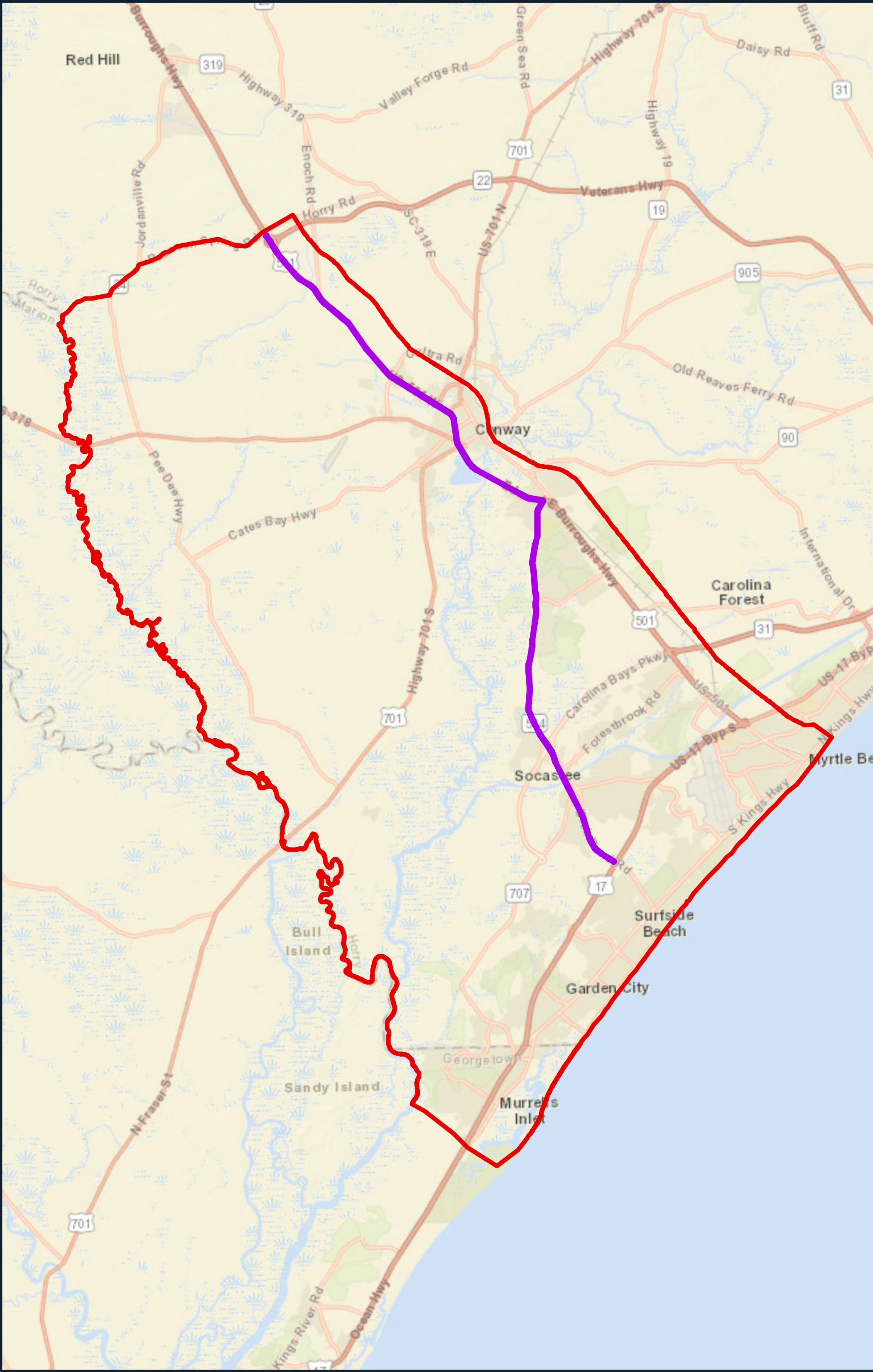
Legend

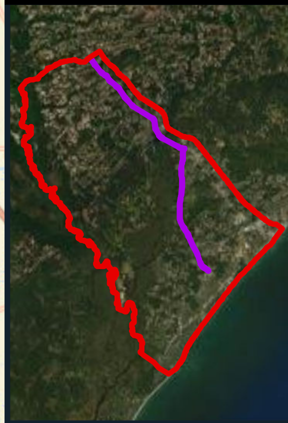
Project Study Area

Alternative Corridor 15

FIGURE 2-15
ALTERNATIVE 15
CORRIDORS MAP

10/2022





1 inch = 4.7 miles

0 2.5 5

Miles

@ 8.5 x 11 inches

N

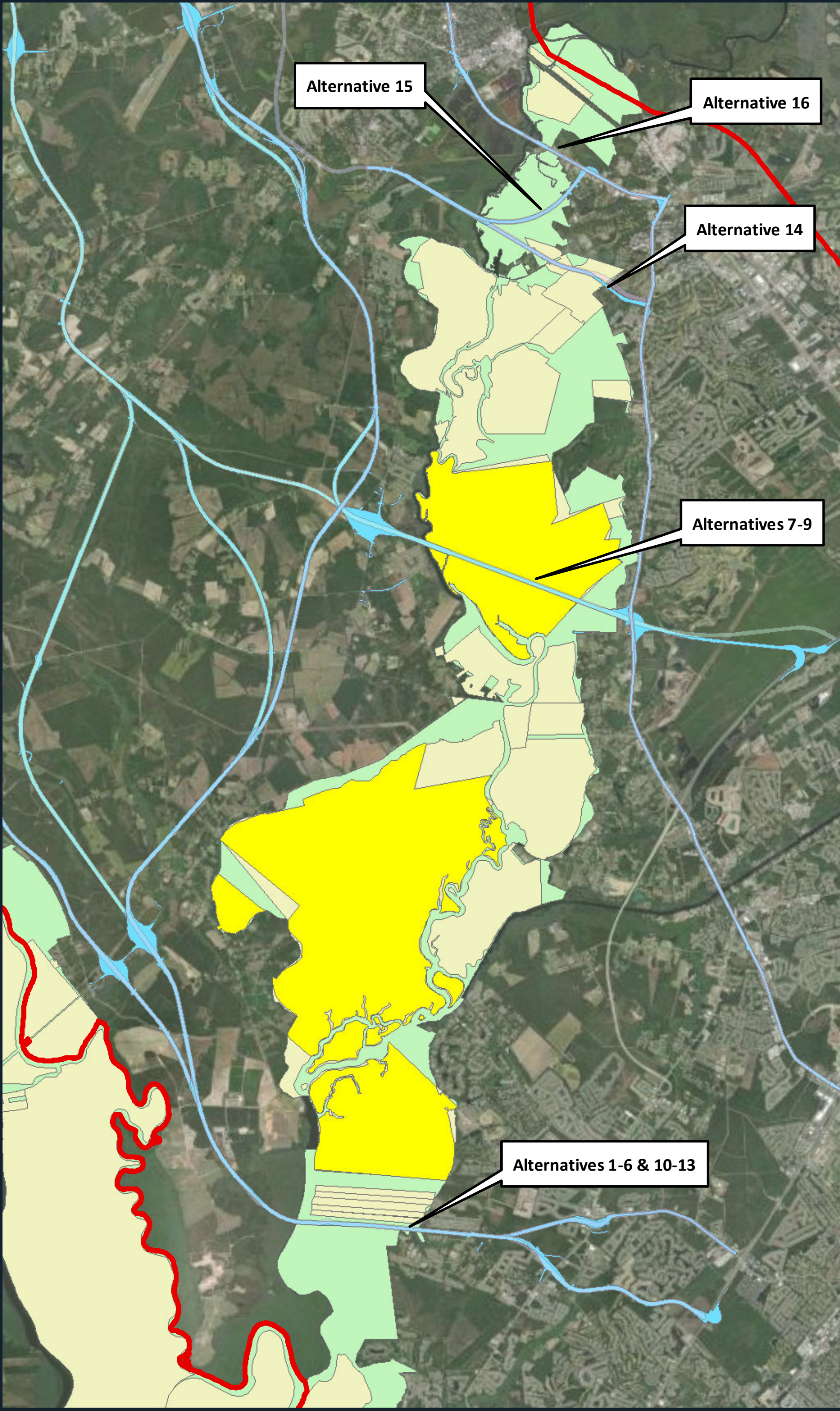
Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: USDA NAIP Aerial Photography (2017)

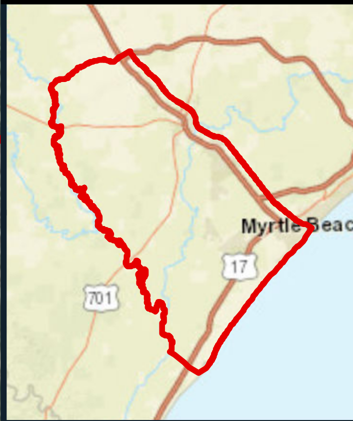
Legend

- Project Study Area
- Alternative Corridor 16

FIGURE 2-16 ALTERNATIVE 16 CORRIDORS MAP

10/2022





1 inch = 2 miles

0 1 2

Miles

@ 8.5 x 11 inches

Projection: Lambert Conformal Conic
State Plane South Carolina FIPS 3900 Intl Feet
North American Datum of 1983
Source: ESRI Basemap

Legend

- Project Study Area
- Alternatives 1-16
- SCDNR Managed Lands [6(f) Resource]
- USFWS National Realty Tracts [6(f) Resource]
- USFWS National Realty Approved Aqcuisition
- Horry County Boundary

FIGURE 6
6(F) PARCELS MAP

02/2023

APPENDIX M

SELL Mitigation Needs Analysis

SOUTHERN EVACUATION LIFELINE (SELL)
MITIGATION NEEDS ANALYSIS

Prepared by: Palustrine Group, LLC

September 2021

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SOUTHERN EVACUATION LIFELINE (SELL)
MITIGATION NEEDS ANALYSIS

1.0 INTRODUCTION

1.1 The Proposed Project

The Southern Evacuation Lifeline ("SELL" or "SELL Project" or "Project") is a proposed 28-34 mile long, limited-access roadway in Horry County, South Carolina designed to provide the region with congestion relief and improved hurricane evacuation. The proposed roadway, on a mix of existing and new alignments, conceptually would allow a more direct route west from the southern Grand Strand. The SELL Project would ultimately connect with SC 22 and US 501 west of Conway to North Myrtle Beach. A secondary need for the SELL Project is to generally improve east and west access across the Waccamaw River.

1.2 Purpose of this Mitigation Needs Analysis

The intent of this report is to better understand the potential for compensatory mitigation within the Project study area. Due to the complexity and magnitude of the Project, the sponsor is evaluating major elements of the Project to assess feasibility, costs and scheduling. A full analysis, including additional options and public involvement would be completed if the Project progresses. Thus, this report provides a preliminary evaluation based on range of conceptual alternatives identified at this time. These alternatives have not yet been fully assessed. Screening analysis and consideration of all reasonable and practicable alternatives will occur at a later date. A full assessment of avoidance, minimization and/or mitigation related to potential Project impacts would be developed following the identification of reasonable alternatives. This report is not intended to serve as a decision document for any portion of the Project but is for information and planning purposes.

2.0 REGULATORY BACKGROUND

The Project is anticipated to result in impacts to Waters of the United States "WOTUS" under the jurisdiction of the U.S. Army Corps of Engineers ("USACE") as regulated by Section 404 of the Clean Water Act ("CWA") and Section 10 of the Rivers and Harbors Act. Mitigation credit availability outlined in this report is based on the Charleston District USACE 2010 Compensatory Mitigation Guidelines. Compensatory mitigation means the restoration (re-establishment or rehabilitation), establishment (creation), enhancement, and/or in certain circumstances preservation of aquatic resources for the purposes of offsetting unavoidable adverse impacts which remain after all appropriate and practicable avoidance and minimization has been achieved (33 CFR §332.2).

2.1 National Environmental Policy Act

The National Environmental Policy Act ("NEPA") provides a standard framework when planning construction and development projects that require federal and state permits and certifications. This framework includes reviews that consider the potential impacts on the environment by proposed actions. For transportation projects, such as the proposed SELL Project, there is a process to evaluate potential impacts as well as requirements for documentation of decisions resulting from that process. The key elements of the process include coordinating with relevant agencies and involving the public. Overarching objectives include the following components involving any proposed project:

- Purpose and need,
- Range of alternatives that are considered,
- Potential environmental impacts of the alternatives,
- Selection of a *preferred alternative*, which includes the unavoidable impacts after avoiding and minimizing environmental impacts to the greatest degree possible,
- Need for compensatory mitigation for unavoidable impacts, and
- Documentation of the analysis and decisions through an environmental impact statement, an environmental assessment, or a categorical exclusion supported by the administrative record.

2.2 The 2008 Mitigation Rule

In 2008, the U.S. Environmental Protection Agency and USACE jointly promulgated regulations revising and clarifying requirements regarding compensatory mitigation. Under the regulations, known as the 2008 Mitigation Rule ("Rule" or "2008 Rule") there are three mechanisms for providing compensatory mitigation, listed below in order of preference as established by the Rule and known as the mitigation hierarchy:

1. Commercial or single-purpose mitigation banks,
2. In-lieu fee programs, and
3. Permittee-responsible mitigation ("PRM").

A fourth mitigation approach has been utilized for projects in South Carolina where impacts are large and cannot be satisfied by credits purchased from a single, or multiple mitigation banks or a single PRM. This mitigation approach is a hybrid of using both mitigation bank credits and PRM. Therefore, this analysis of compensatory mitigation for the SELL Project focuses on use of mitigation bank credits, PRM and the hybrid approach of using both mitigation bank credits and PRM.

2.3 Compensatory Mitigation for Unavoidable Impacts

When a preferred alternative is selected for SELL, and the adverse impacts to wetlands, streams and other aquatic resources have been determined to have been avoided and minimized to the extent practicable, federal law and regulation will require compensatory mitigation for every authorized or permitted discharge or fill into wetlands or alteration of streams. Such compensatory mitigation is required to replace the loss of wetland and aquatic resource functions in the watershed. Compensatory mitigation refers to the restoration, establishment, enhancement, or in certain circumstances preservation of wetlands, streams and/or other aquatic resources for the purpose of offsetting unavoidable adverse impacts. Compensatory mitigation for unavoidable wetland impacts typically is accomplished through distinct mechanisms in South Carolina, including the use of credits from mitigation banks and PRM, with both methodologies meeting the intent of the 2008 Rule (33 CFR Parts 325 and 332 and 40 CFR Part 230). Mitigation banking is a form of third-party compensation, where the liability for project success is transferred to the mitigation bank sponsor. With PRM, the permittee maintains liability for the construction and long-term success of the site.

- Mitigation Banking: This compensatory mechanism consists of a wetland and/or stream area that has been restored or enhanced and preserved, which is then set aside to compensate for future impacts to wetlands or streams related to development activities including roadway construction. Permittees, upon approval of regulatory agencies, can purchase credits from a mitigation bank to meet their requirements for compensatory mitigation. The value of these credits is determined by quantifying the wetland functions and wetland or stream units (acres or linear feet) restored or enhanced. The bank sponsor is ultimately responsible for the success of the project. Mitigation banking is performed off-site, meaning it is at a location not on or immediately adjacent to the site of impacts, but typically within the same or an adjacent watershed. Federal regulations establish a preference for using credits from a mitigation bank over other compensatory mechanism because aquatic resources on mitigation banks have been restored or enhanced, in most cases, prior to impacts; this is identified as one of the primary reasons mitigation bank credits are preferred over PRM.
- In-Lieu Fee Programs: The Charleston District of USACE, to date, has not approved use of in-lieu fee programs in South Carolina.
- Permittee-Responsible Mitigation: This compensatory mechanism includes restoration, enhancement and/or preservation of wetlands undertaken by a permittee to offset for wetland impacts resulting from a specific project. The permittee performs the mitigation after the permit is issued and is ultimately responsible for implementation and success of the mitigation. PRM may occur at the site of the permitted impacts or at an off-site location, preferably within the same watershed. PRM has a history of use within South Carolina, particularly where the impacts associated with a given project are considered to be unusually large in scope and scale making it difficult to quantify the impacts and associated mitigation using the standard methodologies of the USACE Charleston District Standard Operating Procedure ("SOP"). Use of PRM in South Carolina often is based on lack of available mitigation banking credits or approved mitigation banks in certain watersheds.

3.0 LANDSCAPE-SCALE MITIGATION

A landscape-scale approach should be used when developing and approving mitigation strategies or plans, reviewing projects, or issuing permits when the scope and scale of a proposed project affect the environment with landscape-scale impacts. This approach identifies the needs and baseline conditions of targeted resources and their values, services and functions, reasonably foreseeable impacts, cumulative impacts of past and likely projected disturbance to those resources and future disturbance trends. The approach then uses such information to identify priorities for avoidance, minimization and compensatory mitigation measures across a given area to provide the maximum benefit to the impacted resources and their values, services, and functions, with full consideration of the conditions of additionality and durability. Landscape-scale mitigation has been incorporated into permitting decisions in South Carolina both prior to, and after the adoption of the 2008 Mitigation Rule. Landscape-scale mitigation allows applicants and regulators to utilize the flexibility of the 2008 Rule as given to the USACE District Engineer to consider the value of a greater preservation value related to a particular mitigation plan. Landscape-scale mitigation can be in the form of using mitigation bank credits where the mitigation bank itself has been sited using landscape-scale criteria, or through the use of PRM where the same criteria of connectivity and scale are employed.

According to the 2008 Mitigation Rule, preservation may be used to provide compensatory mitigation for activities authorized by USACE permits when all the following criteria are met:

1. The resources to be preserved provide important physical, chemical, or biological functions for the watershed,
2. The resources to be preserved contribute significantly to the ecological sustainability of the watershed. In determining the contribution of those resources to the ecological sustainability of the watershed, the district engineer must use appropriate quantitative assessment tools, where available,
3. Preservation is determined by the district engineer to be appropriate and practicable,
4. The resources are under threat of destruction or adverse modifications,
5. The preserved site will be permanently protected through an appropriate real estate or other legal instrument (e.g., easement, title transfer to state resource agency or land trust), and
6. Where preservation is used to provide compensatory mitigation, to the extent appropriate and practicable the preservation shall be done in conjunction with aquatic resource restoration, and/or enhancement activities. This requirement may be waived by the district engineer where preservation has been identified as a high priority using a watershed approach, but compensation ratios shall be higher.

It is anticipated that SELL Project stakeholders will assert that the proposed impacts associated with the Project are potentially so significant that a landscape-scale approach that embraces the flexibility of extraordinary opportunities for greater preservation should be considered, and used, if possible, to compensate for unavoidable wetland and stream impacts when they are identified as such. Impacts associated with a single project that meet or exceed the threshold of 100 acres of wetlands impact may be quantified as *significant* when considering the cumulative impacts associated with all permits issued by the Charleston District rarely exceed that number in a given calendar year, and thus, *significant* is not an arbitrary descriptive term. The decision to recommend a landscape-scale approach also needs to be based on threat level in the watershed and benefits to the ecosystem by implementing such a mitigation plan; the threat level to remaining aquatic resources in the watershed of impact are undeniably high as it is identified as one of the fastest growing regions in the nation.

The landscape-scale approach could be utilized by use of commercial mitigation banking credits, provided a mitigation bank or combination of banks could provide the scope and scale of necessary credits and preservation of aquatic resources or through a PRM plan. It is possible to craft a mitigation plan with a combination of conventional mitigation bank credits supplemented by a PRM plan particularly in a watershed where mitigation bank credits are limited or unavailable. Also, use of a PRM plan, either standing alone or in combination with acquisition of mitigation bank credits, should incorporate sufficient wetland and stream restoration and enhancement to meet the watershed needs criteria and landscape-scale connectivity to already protected aquatic resources and buffers.

4.0 ALTERNATIVES AND IMPACT ANALYSIS

Planners have performed a preliminary analysis of various alternatives alignments for SELL that cover a mix of new and existing roadways. The complete combination of alternatives must consider practicality and reasonability, as well as assurance that the level of analysis of alternatives is commensurate with the level of impacts, scale and cost of the proposed Project. From the impact to WOTUS standpoint, the 16 SELL Project conceptual alignments selected for consideration are summarized in Table 1. Table 2 summarizes the minimum, maximum, average and median stream and wetland impacts considering all alternatives. Data in Table 2 presents the range of potential Project impacts and can be valuable to preliminarily estimate the scope and scale of compensatory mitigation that will be needed for the Project to receive necessary regulatory permits and certifications.

Table 1. Wetland and stream impacts for SELL Project alignment conceptual alternatives.

Alternative Identification	Wetland (Acres)	Stream (Linear Feet)	Open Water (Acres)
1	277.7	9,876	0.7
2	278.4	10,848	2.7
3	319.8	13,825	0.7
4	320.6	14,797	2.6
5	257.3	14,712	0.7
6	258.1	15,684	2.6
7	248.8	11,803	5.7
8	264.4	4,343	5.5
9	266.0	4,343	6.2
10	286.1	7,594	0.5
11	287.7	7,594	1.2
12	286.9	8,566	2.4
13	288.5	8,566	3.2
14	132.1	3,549	3.0
15	108.4	4,343	2.5
16	43.5	3,648	0.6

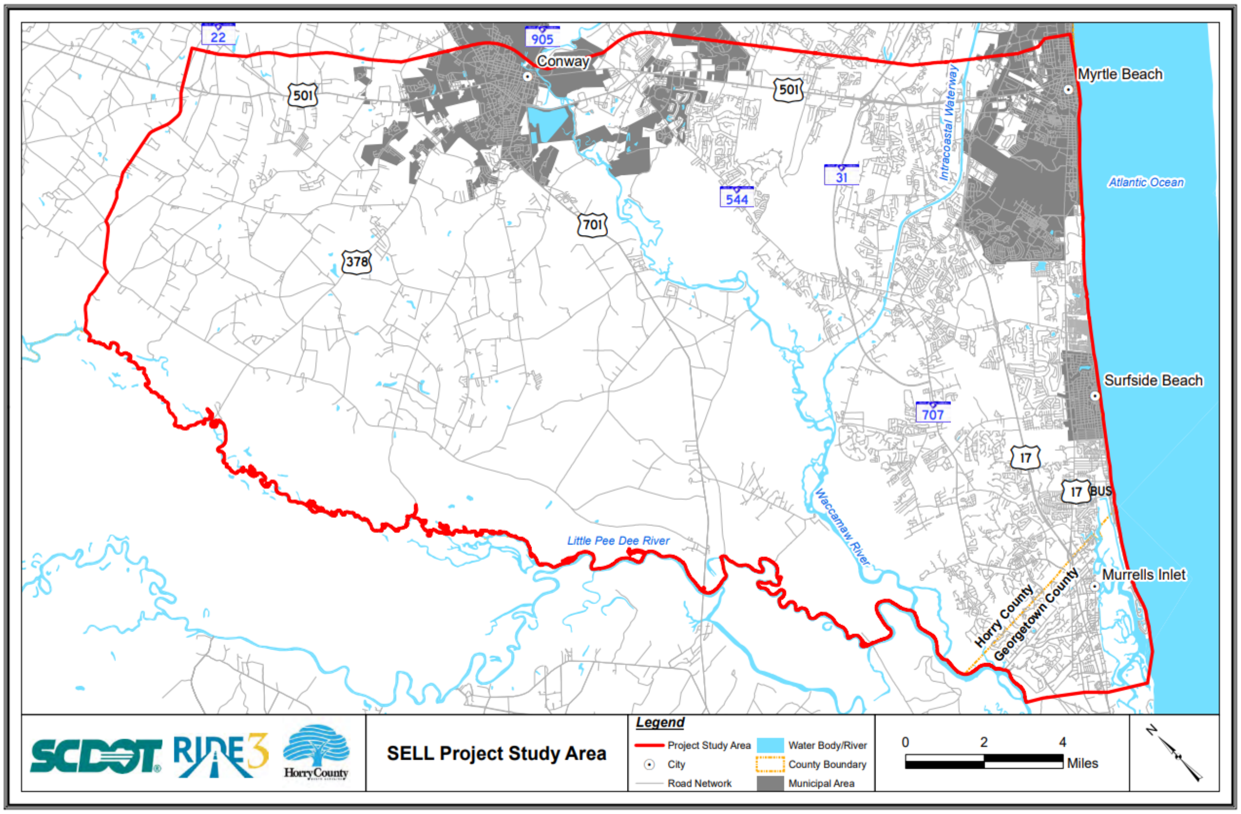
Table 2. Minimum, maximum, average, and median stream and wetland impacts considering all SELL alignment conceptual alternatives.

Minimum Wetland Impacts	Minimum Stream Impacts	Minimum Pond Impacts
Alternative 16	Alternative 14	Alternative 16
43.5 acres	3,549 linear feet	0.6 acres
Maximum Wetland Impacts	**Maximum Stream Impacts**	**Maximum Pond Impacts**
Alternative 3	Alternative 4	Alternative 7
319.8 acres	14,797 linear feet	5.7 acres
Average Wetland Impacts	**Average Stream Impacts**	**Average Pond Impacts**
245.3 acres	9,006 linear feet	2.5 acres
Median Wetland Impacts	**Median Stream Impacts**	**Median Pond Impacts**
272 acres	8,566 linear feet	3 acres

5.0 THE PROPOSED PROJECT STUDY AREA

The SELL Project study area includes southern Horry County and a small portion of northeastern Georgetown County along the north coastal plain of South Carolina (Figure 1). The study area runs from the southern incorporated area of Murrells Inlet west to the Waccamaw River and thence west northwest along the Waccamaw and Great Pee Dee rivers to the confluence of the Great Pee Dee and Little Pee Dee rivers, and thence northwest up the Little Pee Dee River to the Jordanville Community and thence up Pee Dee Road South (S-26-97) and beyond before paralleling US 501 east back to and through Conway. The Project study area encompasses four eight-digit watersheds, from east to west, that include the Coastal South (03040208), the Waccamaw River (03040206), the Lower Pee Dee River (03040207) and the Little Pee Dee River (03040204). All four watersheds are part of the Pee Dee River Basin. The Project study area is located within Environmental Protection Agency's Middle Atlantic Coastal Plain Level III Ecoregion. The study area to the west is primarily rural in character with upland forest and agricultural lands interlaced with low-lying riverine drainages. Vegetation community types vary throughout this part of the study area and consist primarily of natural and managed pine forests, forested and emergent tidal and nontidal wetlands, pasture and agricultural fields. East of the Waccamaw River, the study area becomes increasingly more developed moving toward US 17 and the communities of Murrells Inlet, Socastee, Surfside Beach and Myrtle Beach, and it is bisected by numerous existing roads, golf courses, residential developments, commercial and resort sites. Notable landscape features within the study area include several Wildlife Management Areas titled to South Carolina Department of Natural Resources ("SCDNR") as well as the Waccamaw National Wildlife Refuge ("NWR" or "Refuge") primarily titled to and entirely managed by the United States Fish and Wildlife Service ("USFWS"). The study area crosses the Waccamaw River, borders the Great Pee Dee and Little Pee Dee rivers and includes numerous smaller streams, tidal and nontidal wetland and open water habitats. Aquatic resources occurring within the corridor include aquatic beds, bay forests, bottomland hardwoods, deciduous shrub swamps, freshwater marshes, pine wet flatwoods, ponds, borrow pits, rivers, canals and wooded swamps.

Figure 1. SELL Project study area.



Aquatic habitats within the study area include black and red water river floodplain forests with canopies of bald cypress (*Taxodium distichum*), swamp tupelo (*Nyssa biflora*) and red maple (*Acer rubrum*). Other species commonly associated include tulip poplar (*Liriodendron tulipfera*), sweet gum (*Liquidambar styraciflua*), pond pine (*Pinus serotina*), loblolly pine (*P. taeda*), laurel oak (*Quercus laurifolia*), water oak (*Q. nigra*) and willow oak (*Q. phellos*). Floodplain forests are diurnally inundated by tides and seasonally flooded by precipitation and downstream flow of Great Pee Dee, Little Pee Dee and Waccamaw rivers. The shrub-scrub habitats in areas subjected to more frequent flooding can be open, whereas areas with infrequent flooding are dense and Poccosin-like. Riverine bottomland hardwood forests occur between the river and slightly higher, drier upland sites. Unlike floodplain forests and longleaf pine (*P. palustris*) uplands, bottomland hardwoods are quite diverse in terms of the number of overstory species. This ecotype is dominated by a well-developed canopy of water oak, over-cup oak (*Q. lyrata*), willow oak, sweetgum, water hickory (*Carya aquatica*) and loblolly pine. Bottomland hardwood forests are inundated regularly by riverine flooding, but do not typically contain standing water for extended periods of time. When drier conditions occur, a more robust herbaceous understory community can develop where sunlight permits.

The most significant landforms within the study area are geomorphic features including oxbow lakes, sloughs, braided streams, and other fluvial formations, such as high sand ridges and ancient interdune sloughs on Sandy Island, that have been created by wind and the river within the floodplain. Oxbow lakes often are associated with floodplain forests where sections of the main-stem stream have become isolated due to river channel movement within the floodplain. The elevated, xeric sand ridges of Sandy Island and other sand ridge sites within the study area run mostly parallel to the rivers throughout the floodplain. This ecosystem is associated with fluvial sand deposited by river currents and blown by wind. The soils are sandy and well drained. Longleaf and sparse loblolly pine dominate the canopy. The mid-story consists primarily of turkey oak (*Q. laevis*), sand live oak (*Q. virginiana var. germinata*) and persimmon (*Diospyros virginiana*). Common understory plants include wiregrass (*Aristida stricta*), dropseed (*Sporobolus* spp.), and prickly-pear (*Opuntia compressa*). These are relatively fragile and unusual ecotypes due to wetlands, between high ridges, that can approach sea level particularly on Sandy Island; protection of these ridges is essential to the health of the overall riverine corridor.

Uplands throughout the study area west of the Waccamaw River are characterized by relatively flat topography interspersed with isolated wetlands and drained by linear, braided stream systems forming swamps ultimately connected to the riverine floodplains. Farming and timber management is the typical land use on uplands. These areas tend to exhibit a slightly higher percentage of hydrophytic vegetation but lack hydric soil and hydrology indicators associated with wetlands.

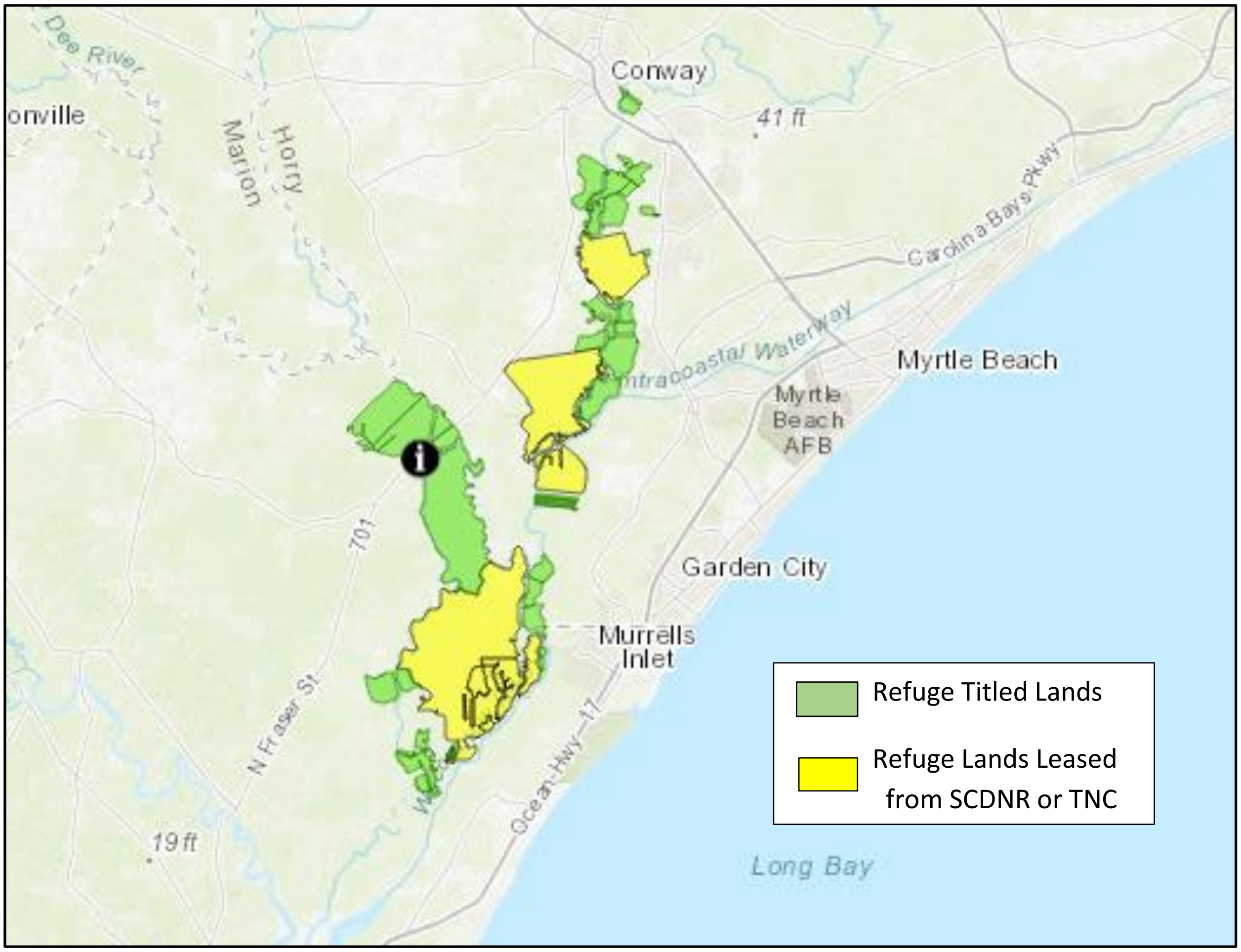
6.0 THE WACCAMAW NATIONAL WILDLIFE REFUGE

The SELL Project, if permitted through any of the proposed 16 alternatives would have some level of impact through already protected lands and waters, particularly for the Waccamaw NWR (Figure 2). Impacts could range from high to very high due to the need for the roadway to cross the Waccamaw River which is an integral part of adjacent refuge acreage, management and use.

The Waccamaw NWR was established on December 1, 1997 to protect and manage diverse habitat components within the local coastal riverine ecosystems for the benefit of endangered and threatened species, freshwater and anadromous fish, migratory birds and forest wildlife, including a wide array of plants and animals associated with bottomland hardwood habitats; and to provide a variety of wildlife-dependent recreational activities including hunting, fishing, wildlife observation, photography and environmental education. Located in portions of Horry, Georgetown, and Marion counties, the acquisition boundary for Waccamaw NWR spans approximately 55,000 acres and includes large sections of the Waccamaw and Great Pee Dee rivers and a small section of the Little Pee Dee River. There is an active land acquisition program from willing sellers within the boundary. Presently Waccamaw NWR encompasses nearly 29,000 acres.

Habitat within the acquisition Refuge boundary includes 6,166 acres of upland forest, located primarily on Sandy Island, and the remaining balance made up primarily of jurisdictional wetlands. The wetland diversity of this Refuge is what sets it apart from most others along the East Coast. Wetland habitats range from historic,

Figure 2. The Waccamaw National Wildlife Refuge.



broken and actively managed tidal ricefields, to black-water and alluvial flood plain forested wetlands of the Waccamaw and Great Pee Dee rivers. These tidal freshwater wetlands are some of the most diverse freshwater wetland systems located in North America and they provide many important habitats for migratory birds, fish, and resident wildlife. Species such as the swallow-tailed kite, osprey, wood stork, white ibis, prothonotary warbler, and many species of waterfowl can be observed on the Refuge. Additionally, these uplands and wetlands play a critical role in the filtration and stormwater retention of the primary drinking water resource for the greater Grand Strand region.

7.0 MITIGATION ALTERNATIVES

Three mitigation alternatives for the SELL Project are considered herein: Conventional mitigation banking or a robust PRM plan or a hybrid approach utilizing both purchase of mitigation banking credits and a well-developed PRM plan.

Use of existing or proposed mitigation banks: Several approved and proposed commercial mitigation banks have service areas within the watersheds of potential impact as related to the SELL Project. Table 3 lists approved, pending, or conceptual mitigation banks in the potential watersheds of impact. The impacts of projects of the scope and scale of SELL do not compute well with the Charleston District SOP. Doing so will fail to properly compute adequate mitigation. In fact, this disclaimer is listed in the Charleston District SOP. Despite this, use of credits from conventional mitigation banks should be considered in any mitigation analysis for the SELL Project. The following provides a summary of existing, pending and conceptual mitigation banks in the watersheds of potential impact for the SELL Project. This information is derived from the Regulatory In-lieu Fee Bank Information Tracking System, the USACE mitigation banking database, as well as contact with agents for the existing, pending and conceptual mitigation projects. The credit availability of existing mitigation banks could be subject to correction due to delay in keeping the ledger of each mitigation bank up to date.

Table 3. Mitigation banks approved, pending approval, or known to be conceptual within the watersheds potentially impacted by the SELL Project.

Mitigation Bank	Agent	Watershed	Status	Wetland Credit Availability	Wetland Credit Potential	Stream Credit Availability	Stream Credit Potential
Vandross Bay	Newkirk Environmental	Lower Pee Dee	Approved	0.3115	0	0	0
Waccamaw	EBX/Waccamaw	Waccamaw	Approved	339.61	0	0	0
Carter Stilley	American Mitigation	Waccamaw	Approved	918.11	284.42	22,618.24	7,777.11
Carter Stilley II	American Mitigation	Waccamaw	Conceptual	0	0	0	0
Cowpen	American Mitigation	Waccamaw	Pending	0	0	0	0
Independent	Resource Environmental Solutions	Waccamaw	Pending	0	0	0	0

1. Vandross Bay Mitigation Bank was the first commercial mitigation bank approved in South Carolina, in 1994, and it is virtually sold out of credits with no remaining wetland credits to be issued. This bank was not approved for stream credit availability.
2. Waccamaw Mitigation Bank has approximately 340 approved wetland credits, and all potential credits have been issued. This bank was not approved for stream credit availability.
3. Carter Stilley Mitigation Bank has approximately 918 wetland mitigation credits available and expects to have approved approximately 284 additional wetland credits in the future. This bank also has approximately 22,618 stream credits available and expects to have approved approximately 7,777 additional stream credits in the future.
4. Carter Stilley Mitigation Bank Phase II is conceptual and has not been submitted for review by the USACE coordinated Interagency Review Team ("IRT"). Carter Stilley Phase II is an approximately 1,659-acre tract located in Horry County, SC within the Waccamaw watershed (HUC 03040206) within the Middle Atlantic Coastal Plain. The Waccamaw River is less than a

half-mile south of the established property boundary. The proposed mitigation site on the tract is approximately 1,537 acres. The site abuts the SCDNR Waccamaw Heritage Preserve and is immediately adjacent to the Carter Stilley Wetland and Stream Mitigation Bank. Simpson Creek flows through the eastern side of the property and connects to the Waccamaw River. An un-named tributary flows from a large Carolina Bay to Simpson Creek. The channel has been straightened and emanates from ditches that were previously constructed within the Carolina Bay. Anticipated mitigation credit potential includes 723 wetland preservation credits, 970 wetland enhancement credits, 5,115 stream preservation credits and 10,043 stream restoration credits. This tract could be utilized for a component of a larger PRM plan for the SELL Project according to the agent for the landowner. SCDNR would be the most appropriate long-term steward.

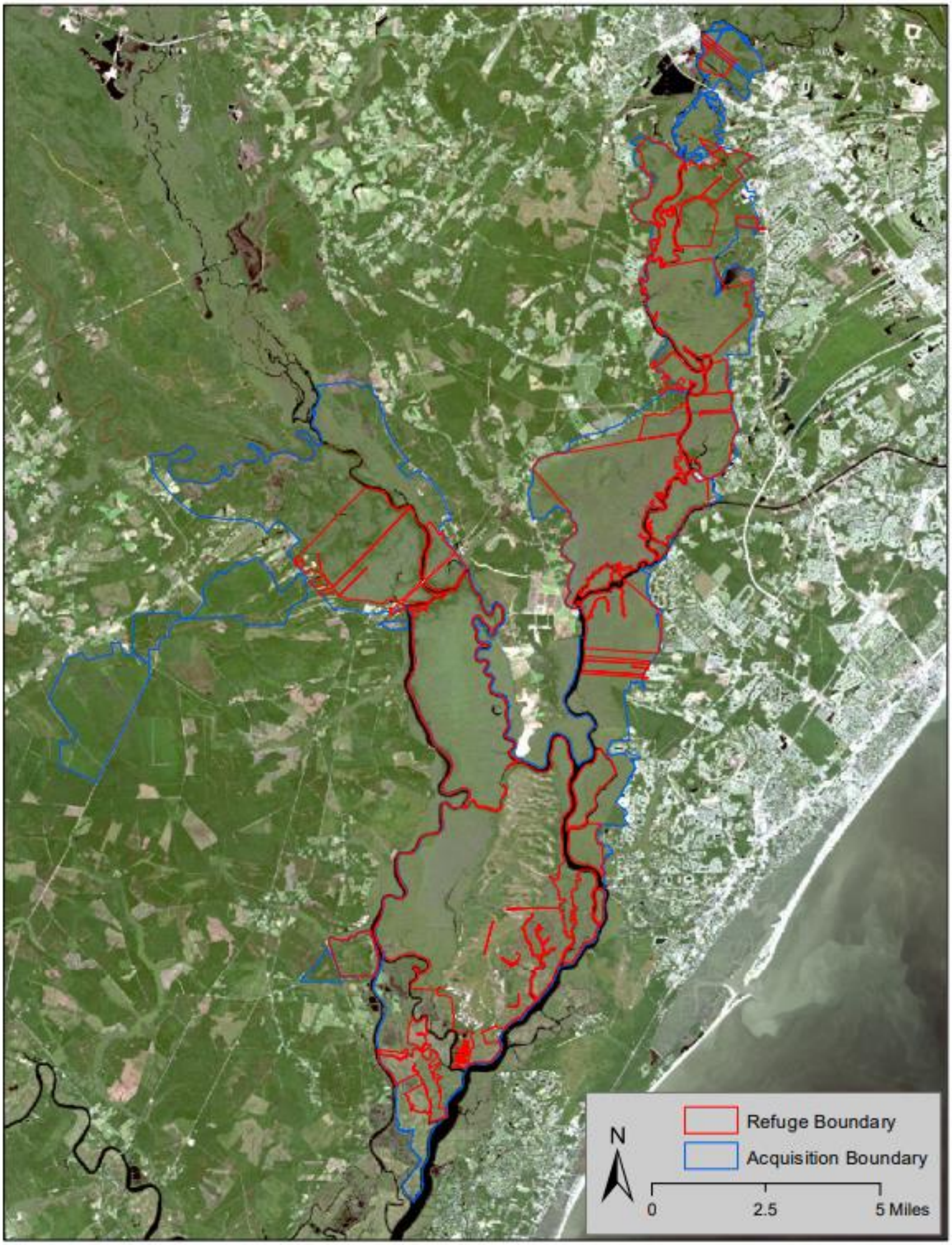
5. Cowpen Mitigation Bank has been proposed and is being evaluated by the USACE coordinated IRT. The proposed Cowpen Mitigation Bank is located on a 1,387.14-acre tract in Horry County near Longs, South Carolina. The site is bordered by the Long Bay Golf Club to the southeast and Hemingway Road to the north and is located within Waccamaw River watershed (HUC 03040206) within the Middle Atlantic Coastal Plain. The majority of aquatic resources on site hydrologically connect with the Waccamaw River through Cowpen Swamp and Simpson Creek, the remainder of on-site wetlands connect to the Waccamaw River though Buck Creek. Today, much of Cowpen Swamp, Simpson Creek and Buck Creek have been channelized. The site includes 1,360.12 acres of impaired to fully functional jurisdictional freshwater wetlands and numerous manmade drainage ditches throughout the site. This tract could be utilized for a component of a larger PRM plan for the SELL Project according to the agent for the landowner. SCDNR would be the most appropriate long-term steward.
6. Independent Republic Mitigation Bank has been proposed and is being evaluated by the Corps coordinated IRT. The site is immediately adjacent to the SCDNR Lewis Ocean Bay Heritage Preserve. The proposed project consists of establishing a freshwater mitigation bank in the Waccamaw watershed (HUC 03040206) located in the Lower Coastal Plain Ecoregion. The proposed 3,707.6-acre-acre mitigation site includes approximately 3,264.9 acres of wetlands. The proposal is to enhance 2,233.0 acres of predominantly wet pine savannah wetlands by re-initiation of prescribed burning to enhance the biotic integrity of rare wetland systems and associated plant communities. When prescribed burning is unavailable, mechanical or chemical treatment is proposed until fire can be re-introduced to the system. The remaining 964.7 acres of fully functional wet pine savannah, Carolina Bay, and non-alluvial swamp forest which are ineligible for prescribed burning will be preserved and buffered. According to the agent for the proposed mitigation bank, SCDNR is the proposed long-term steward with anticipation of incorporating the mitigation bank, once approved, into the Heritage Trust program. The agent for the proposed mitigation bank indicates the sponsor, Horry County, intends to complete the mitigation banking

instrument and utilize approved credits for the sponsor's own needs, and would not consider utilizing the site for a PRM plan to satisfy the SELL Project.

Permittee-responsible mitigation: Due to the prominence of the Waccamaw NWR and the likelihood of impacts to the Refuge, one method of compensatory mitigation for unavoidable impacts for the SELL Project, once determined, would be to craft a PRM plan that would add to the Refuge acreage and complement its goals and objectives including the provision of public use opportunities for traditional uses such as hunting, fishing, wildlife and fisheries management and nature study. To develop this concept, land ownership within and overlapping the Refuge acquisition boundary was examined. The landownership patterns were partitioned in accordance with the overall shape of the refuge and its complimentary acquisition boundary. The Refuge has the general shape of the letter "Y" with the upper left arm of the Y ascending northwest along the Great Pee Dee River, the upper right arm of the Y ascending north along the Waccamaw River, and the base of the Y descending southwest along the delta of the Waccamaw and Pee Dee rivers. The Waccamaw NWR acquisition boundary is depicted in Figure 3. Tables 4-9 contain landowner names, parcel identification and acreages of parcels overlapping the Refuge acquisition boundary. These parcels conceptually are available for acquisition from willing landowners and later inclusion into a PRM plan for the SELL Project. Use of any identified parcels is subject to further consideration and site visits to determine suitability for wetland and stream restoration and enhancement and to document preservation value, that all must precede any property negotiations.

Computation of necessary mitigation for stream and wetland impacts when using PRM for a Project like SELL typically can utilize ratios of impacts to wetland preservation and total preservation as a measure of quantification. While USACE has no guidance on use of ratios, past projects of large scope and scale permitted by the Charleston District USACE such as those permitted under the Sandy Island model, and those thereafter including, but not limited to, Vaught Aircraft, Nucor Steel, Boeing, Volvo, Haile Gold Mine and I-73 have depended on the Corps Charleston District Engineer's discretion to use the language now in the Mitigation Rule to help determine what are the appropriate PRM wetland, buffer and total preservation ratios. The ratios between total preservation and wetland impact have ranged from 60:1 for Sandy Island and related South Carolina Department of Transportation ("SCDOT") construction projects, to 29:1 for I-73, the most recently permitted large-scale impact SCDOT project, which impacted 212 acres of wetlands and resulted in the preservation of the 6,180-acre Gunter's Island PRM plan. Landscape scale mitigation projects permitted in South Carolina by the Corps Charleston District in the last decade, such as for Boeing, Haile Gold Mine and Volvo, all have had total preservation to impact ratios of ±30:1. Therefore, a ratio ±30:1 has become a standard for total preservation to impact in South Carolina and can be defended as being a consistent ratio used to issue permits and certifications for large-scale projects relying on PRM plans. A useful and complimentary approach to quantification of impacts to proposed mitigation is the ratio of preserved wetland and wetland/stream buffer

Figure 3. The Waccamaw National Wildlife Refuge and its acquisition boundary.



to impacts. An examination of the Boeing, Haile Gold Mine and Volvo mitigation projects have had a preserved wetland and buffer ratio of +15:1, and this ratio can also be defended as being consistent with previous permitting decisions for projects with significant impacts to WOTUS. Smaller ratios of wetland and wetland buffer preservation to impacts could be considered but should be based on the ecological value and imminent threats of the proposed mitigation site(s) and the needs of the watershed.

Table 4 lists the potential mitigation tracts of highest value for the SELL Project. These are in Horry County, north of existing Refuge lands along the Pee Dee River and Bull Creek. When using the average conceptual impact acreage of the SELL Project, 245 acres (refer to Table 2), these tracts, considered together, provide a preservation to impact ratio of 32:1 and an estimated preservation of wetlands and buffer ratio of ±19:1. A mitigation package of this size produces a favorable comparison to the I-73 mitigation package, meets the landscape-scale criteria and the USACE District Engineer's criteria outlined in the 2008 Rule regarding preservation for compensatory mitigation. These tracts also have excellent wetland and stream restoration and enhancement potential adding to the robust preservation value. Furthermore, a PRM crafted to include these tracts is likely to achieve maximum stakeholder support for the SELL Project. Restoring and buffering the wetlands on the Grand Strand Water and Sewer Authority parcels would have significant water quality benefits to the Great Pee Dee River, Bull Creek and Waccamaw River by eliminating the leaching of effluent constituents into those waterbodies. The likelihood of acquiring this acreage would depend on the cooperation of Horry County officials to negotiate a package that would satisfy Grand Strand Water and Sewer Authority and potentially replace the methodology that utility uses to disperse its effluent.

Table 4. SELL Project potential mitigation tracts of highest value; Horry County, north of existing Refuge.

Property Owner Name	Parcel Number	Acreage	Habitat Notes	Stream Footage	Additional Notes
Grand Strand Water and Sewer	43500000001	1,829.71	Both tracts have high value for broad ecological restoration including for wetlands and long leaf pine habitats	All have significant frontage either on Bull Creek, Great Pee Dee River or Waccamaw River	These tracts include significant restoration, enhancement and preservation value and meet landscape-scale preservation needs
Grand Strand Water and Sewer	45500000001	4,464.23			
The May Company et al	46400000001	1,448.36	Bottomland hardwoods		
Total		**7,742.3**			

Table 5 presents parcels having the next highest value for mitigation for the SELL Project. These tracts, west of the Pee Dee River in the Refuge acquisition boundary, represent a total of ±3,198 acres, and if all could be acquired for a PRM for the SELL Project. These parcels represent significant opportunities for restoration and enhancement of aquatic resources meeting the intent of the 2008 Mitigation Rule as more than 70% of the acreage is estimated to wetlands impacted by prior silvicultural practices. Further, these parcels are in a relatively contiguous block. Utilization of these parcels for a PRM for the Project would require additional

PRM components and/or mitigation credits from an approved or proposed mitigation bank in the Project boundary in order to craft a hybrid mitigation plan meeting the needs of the proposed Project.

Table 5. SELL Project potential mitigation tracts in the Waccamaw NWR acquisition boundary, Georgetown County, Pee Dee River ("PDR").

Property Owner Name	Parcel Number	Acreage	Habitat Notes	Stream Frontage	Additional Notes
Waccamaw Land & Timber	03-1001-013-00-00	634.6	forested wetlands	PDR/Conch Creek	Adjacent to NWR
Larry Young et al	03-1001-012-00-00	450	forested wetlands	PDR/Conch Creek	Enhancement potential
Cowhide	03-1001-010-00-00	133.6	forested wetlands	PDR/Conch Creek	Enhancement potential
Cowhide	03-1001-008-00-00	872.2	forested wetlands	PDR/Conch Creek	High ridges in swamp
McAlister et al	03-1001-002-00-00	216.67	forested wetlands	PDR	Oxbow lake
Cowhide	03-1001-001-00-00	285.83	forested wetlands	PDR	Oxbow lake
Cowhide	03-0415-026-01-00	336.8	pine uplands and cut over bottomland hardwoods	PDR	Enhancement potential
Old PD Land Inv	03-0415-009-04-00	51.5	ag land and forested wetlands	PDR	Enhancement potential
Mary Elise Nations	03-1001-001-01-00	24.6	forested wetlands	PDR	Enhancement potential
Danny Squires	03-0415-007-00-00	83.08	mostly ag land	PDR	Longleaf potential
Teresa Briggs	03-0410-001-09-00	14.7	forested wetlands	PDR	Enhancement potential
Keith W Thompson et al	03-0410-001-10-00	23.6	forested wetlands	PDR	Enhancement potential
Keith W Thompson	03-0410-001-11-00	23.6	forested wetlands	PDR	Enhancement potential
Keith W Thompson	03-0410-001-12-00	23.6	forested wetlands	PDR	Enhancement potential
Jimmy D Williams	03-0410-001-13-00	23.6	forested wetlands	PDR	Enhancement potential
Total		**3,197.98**			

Table 6 lists parcels having a high value for mitigation for the SELL Project. These tracts, north of the Refuge and in the acquisition boundary, represent a total of ±2,120 acres if all could be acquired for a PRM for the SELL Project. Several of these parcels represent significant opportunities for restoration and enhancement of aquatic resources meeting the intent of the 2008 Mitigation Rule as more than 60% of the acreage is estimated to wetlands impacted by prior silvicultural practices. Further, these parcels are in a relatively contiguous block. Certain acreage within the Vandross Partners tracts may be part of Van Dross Bay Mitigation Bank and not eligible for mitigation for the Project. Acreage within these tracts that is not already protected may be worthy of wetland enhancement and preservation. Utilization of these parcels for a PRM for the Project would require

Table 6. SELL Project potential mitigation tracts in the Waccamaw NWR acquisition boundary; Georgetown County, west of Old Pee Dee Road.

Property Owner Name	Parcel Number	Acreage	Habitat Notes	Stream Footage	Additional Notes
RMS	03-1001-016-00-00	329.5	all parcels are part of the overall Tupelo Bay complex consisting of Poccosin wetlands and pine plantation; a high percentage of the acreage is impacted wetland with enhancement potential	Tupelo Bay drains into Conch Creek	Enhancement potential
Vandross Partners	03-1001-016-01-00	296.07			May be already protected
Vandross Partners	03-1001-015-02-00	788.27			May be already protected
RMS	03-1001-015-00-00	325.7			Enhancement potential
Larry Young et al	03-1002-004-01-00	380.24			Enhancement potential
Total		**2,119.78**			

additional PRM components and/or mitigation credits from an approved or proposed mitigation bank in the Project boundary in order to craft a hybrid mitigation plan meeting the needs of the proposed Project. Table 7 depicts parcels having a high value for mitigation for the SELL Project. These tracts, northeast of the Refuge and in the acquisition boundary, represent a total of ±941 acres if all could be acquired for a PRM for the SELL Project. One of these parcels represents a significant opportunity for restoration and enhancement of aquatic resources meeting the intent of the 2008 Mitigation Rule. Lake Busby near Conway is a ±330-acre man-made lake built as a cooling pond for the now demolished Santee Cooper Grainger Steam-Electric Generating Plant. The lake was constructed in forested wetlands adjacent to the Waccamaw River prior to 1966. An earthen dam was built, filling wetlands in order to impound the lake. In 2018, Santee Cooper proposed to drain Lake Busby and restore hardwood seedlings to enhance the wetlands, however the plan was never implemented. Removal of the earthen fill and replanting the site would constitute a practicable wetland mitigation alternative. Further, Lake Busby and surrounding parcels are in a relatively contiguous block. Utilization of these parcels for a PRM for the Project would require additional PRM components and/or mitigation credits from an approved or proposed mitigation bank in the Project boundary in order to craft a hybrid mitigation plan meeting the needs of the proposed Project.

Table 7. SELL Project potential mitigation tracts in the Waccamaw NWR acquisition boundary; Horry County, Cox Ferry Lake and north.

Property Owner Name	Parcel Number	Acreage	Habitat Notes	Stream Footage	Additional Notes
Pitch Landing LLC	38100000008	185.95	Bottomland hardwoods	All tracts are directly or indirectly connected to the Waccamaw River	Preservation
SC Public Service Authority	36800000014	490.18	Busby Lake		Former cooling water pond for Grainger Steam Station; high restoration potential
Levon Hucks	36700000019	38.83	Bottomland hardwoods		Preservation
Blackwater Farms LLC	36700000011	151	Bottomland hardwoods		Preservation
Michael R McMillan	36700000002	13.48	Bottomland hardwoods		Preservation
James M McMillan	33915040001	6.15	Bottomland hardwoods		Preservation
Maple Brownway Investments, LLC	36700000017	55.39	Bottomland hardwoods		Preservation
Total		**940.98**			

Table 8 presents parcels having a value for mitigation for the SELL Project. These tracts, east of the Refuge and in the acquisition boundary, represent a total of ±1,407 acres if all could be acquired for a PRM for the SELL Project. Most of these parcels represent preservation opportunities meeting the intent of the 2008 Mitigation Rule, and have varying degrees of interface with tidal streams and old ricefield ditches connecting to the Waccamaw River. The largest tracts listed in this table have wetland enhancement potential, and all could provide valuable buffer between the eastern Refuge boundary and further development of the Waccamaw Neck. Utilization of these parcels for a PRM for the Project would require additional PRM components and/or mitigation credits from an approved or proposed mitigation bank in the Project boundary in order to craft a hybrid mitigation plan meeting the needs of the proposed Project.

Table 8. SELL Project potential mitigation tracts in the Waccamaw NWR acquisition boundary; Horry County, east of the Refuge (tracts of 25 acres or less are not included in this list).

Property Owner Name	Parcel Number	Acreage	Habitat Notes	Stream Footage	Additional Notes
Prince Creek West	46400000006	356.35	Almost all tracts are between eastern boundary of the Refuge and western boundary of the interface with uplands of the Waccamaw Neck and marshlands of the Waccamaw River	Tracts have varying degrees of interface with tidal streams and old ricefield ditches connecting to the Waccamaw River	Largest tracts have enhancement potential and all could provide valuable buffer between the eastern Refuge boundary and further development of the Waccamaw Neck
Prince Creek West	46800000133	47.69			
Prince Creek West	46800000134	40.72			
The May Company et al	46400000001	1,448.36			
Footy Small	45500000003	50			
Julia Small	45600000015	67.96			
Julia Small Heirs	45600000006	84.55			
Rainbow et al	45600000005	16.55			
Rahnavard & Smalls Enterprises	45600000004	104.17			
Tiffany McDowell	43900000017	40.02			
SC Public Service Authority	42900000014	25.43			
Ammons	41500000007	29			
BCC OF MB	41500000006	152.09			
Beverly Investments	41500000005	54.09			
Rabon	40100000004	168			
D G Golf	40100000005	54.23			
D G Golf	40100000006	65.36			
D G Golf	40100000003	378.2			
Grand Strand Water and Sewer	40100000002	740.9			
Total		**1,406.69**			

Table 9 lists parcels having a value for mitigation for the SELL Project. These tracts, south of the Refuge and in the acquisition boundary, represent a total of ±831 acres if all could be acquired for a PRM for the SELL Project. These tracts consist of intertidal freshwater wetlands or currently managed tidal impoundments that all were historically ricefields. Small islands occur as uplands throughout this area which is relatively contiguous. Acreage within these tracts that is not already protected by private conservation easements may be worthy of preservation. It is unlikely any of this acreage has wetland restoration or enhancement potential.

Table 9. SELL Project potential mitigation tracts in the Waccamaw NWR acquisition boundary; Georgetown County, intertidal freshwater wetlands (currently ricefields) below Thoroughfare Creek.

Property Owner Name	Parcel Number	Acreage	Habitat Notes	Stream Footage	Additional Notes
Breakwater North	03-0469-004-00-00	185	Intertidal freshwater wetlands all former ricefields some currently impounded and managed as noted; all tracts have high preservation value	All have frontage to various degrees either on Great Pee Dee or Waccamaw rivers or tidal creeks	Managed Tidal Impoundment
Exchange	03-0469-002-00-00	230.42			Managed Tidal Impoundment
Rosebank	03-0469-003-00-00	302.87			Managed Tidal Impoundment
Chicora Wood	03-0474-001-00-00	998.7			Managed Tidal Impoundment
Gordon Wesley et al	03-0474-006-01-00	171			Intertidal
True Blue Creekhouse	03-0478-002-04-00	21.93			Intertidal
Larry Paul Estate	03-0475-015-00-00	103.8			Intertidal
Clyde Hendrix	03-0478-002-04-02	56.61			Intertidal
Winston Brown	03-0478-002-04-01	16.8			Intertidal
Marshall Sasser	03-0478-002-02-00	352			Managed Tidal Impoundment
Christine Lineback	03-0478-002-00-00	112			Managed Tidal Impoundment
Virginia Owens	03-0474-009-00-00	63			Intertidal
Marshall Sasser	03-0478-003-01-00	45			Intertidal
Jennings Duncan	03-0482-001-00-00	124			Intertidal
Total		**831.2**			

Utilization of these parcels for a PRM for the Project would require additional PRM components and/or mitigation credits from an approved or proposed mitigation bank in the Project boundary in order to craft a hybrid mitigation plan meeting the needs of the proposed Project.

8.0 ANTICIPATED COSTS

The anticipated costs of compensatory mitigation for the SELL Project can be described only as a range until the preferred alternative is selected and the unavoidable impacts are calculated. The average range of impacts of the 16 conceptual alternative alignments is 245 acres of wetland impact and over 9,000 linear feet of stream impacts. Impacts to wetland resources could be higher, with the maximum calculation of impacts to be as high as 321 acres of wetlands and 15,684 linear feet of streams. Utilizing the total preservation to impact ratio of 30:1, which has been common for large impact projects in South Carolina, the preservation component of a PRM plan for the Project can be expected to be approximately 7,350 acres using the average impact calculations. With land costs for wetland predominant tracts ranging from $3,000 to $4,000 per acre, it is anticipated acquisition for a PRM plan alone would range from $22.1M to $29.4M depending on the availability of willing sellers from the lists compiled herein. This estimate represents only land acquisition costs and does not include any wetland or stream restoration or enhancement or other necessary components of a PRM such as monitoring and long-term stewardship.

The higher the ecological value and quality of a PRM plan is, it can drive raw land acquisition costs down by reducing acreage required, but any acquisition discount could be offset by the costs of wetland/stream restoration, monitoring and long-term stewardship. For the purpose of this preliminary analysis, an average wetland per acre cost of $1,500 can be assumed for a combination of restoration and enhancement. An additional average cost $90 per linear foot of stream restoration and enhancement should be included with the caveat that depending on which mitigation parcels are acquired, much of this area will have braided stream systems that functionally are wetlands rather than stream. Thus, there may be no streams on which to apply restoration and enhancement measures. Therefore, costs above land acquisition costs can be an additional $3.5M to $5.0M. Based on consideration above, total mitigation costs range is anticipated to be between $30M and $40M.

It is likely that neither of the resource agencies, USFWS and SCDNR, would take title to any acreage used for compensatory mitigation until restoration and enhancement work has been determined to be complete and monitoring indicates success. Compensatory mitigation costs associated with higher impacts obviously will be greater. Acquisition of the Carter Stilley II and Cowpens tracts could result in savings based on net-present values and a willing seller or bargain sale but would have the added benefits of already identified wetland and stream mitigation potential and meet the landscape-scale need.

Utilization of a more hybrid approach with a combination of mitigation bank credits and PRM likely will have higher costs than strictly PRM. Land costs for PRM tracts will remain relatively similar to the above stated estimates, but costs to purchase mitigation credits will be higher per credit having the potential to make the hybrid approach the most expensive. At this preliminary stage in Project planning, it is difficult to predict costs accurately enough to steer options; a more focused approach will present itself when the preferred alternative is selected.

Ultimately, for mitigation acreage acquisition, the use of third-party real estate professionals who work for non-profit organizations such as The Nature Conservancy, Open Space Institute or Conservation Fund should be considered for land acquisition by the Project sponsor due to their skill at negotiating bargain sales for conservation or recreational land and not revealing compensatory mitigation is the acreage acquisition goal.

9.0 CONCLUSIONS

As of the date of this mitigation needs analysis, the following is apparent:

- The SELL Project is expected to have significant impacts to aquatic resources, both wetlands and streams. The total calculation of impacts to WOTUS associated with this one Project likely will surpass the cumulative impacts permitted through all approved USACE Charleston District permits issued in any average year.
- The USACE Charleston District SOP is recognized to not be the appropriate tool to calculate mitigation needs based on impacts to WOTUS that could occur with the SELL Project, but SOP credit calculations are useful as a guide for the regulatory agencies.
- With the landscape-scale impacts associated with the SELL Project, a landscape-scale compensatory mitigation action will be appropriate and likely garner maximum stakeholder appeal.
- The mitigation hierarchy of the 2008 Mitigation Rule is first to use mitigation banking credits provided through approved mitigation banks, second to use an approved in-lieu fee mitigation program and third to use a PRM approach.
- Presently, there are insufficient mitigation banks that have readily available credits to fulfill the estimated wetland and stream mitigation need of the SELL Project. Over the next 2-4 years an increased number of mitigation banking credits may be available within the watersheds of impact as approved mitigation banks meet monitoring criteria and receive additional mitigation credit allocations. However, the number of mitigation banking credits available at this date will decrease over that same time period as the USACE Charleston District approves other permits in the Project area requiring the depletion of *on-the-shelf* mitigation banking credits. At this time, it is difficult to predict the availability of mitigation banking credits when the SELL Project has reached a planning stage sufficient for permit application.

- The USACE Charleston District has not approved an in-lieu fee program for South Carolina; thus, the in-lieu fee mitigation option is not available for the SELL Project.
- There are ample conceptual opportunities to develop and implement a PRM plan for the SELL Project. PRM plans have a history of use and success across South Carolina in watersheds where mitigation banking credits are not available or in limited supply.
- A hybrid approach to compensatory mitigation has been employed in South Carolina for projects with comparative impacts to SELL. The hybrid approach utilizes both acquisition of available mitigation banking credits from approved mitigation banks and use of PRM.
- Lands and waters titled to the USFWS are likely to be impacted by SELL. A conceptual PRM plan could result in the USFWS becoming the eventual long-term steward of compensatory mitigation acreage as long as it is in the Waccamaw NWR acquisition boundary.
- A conceptual PRM plan also could result in SCDNR becoming the eventual long-term steward of compensatory mitigation acreage.
- Costs associated with an adequate and complete mitigation plan will depend on the compensatory mitigation needs of the approved and final alternative alignment of the SELL Project, and the total mitigation costs range is anticipated to be between $30M and $40M given details known at present.

10.0 RECOMMENDED NEXT STEPS

Based on the information provided above, the following future activities are proposed:

- Confirm the preferred SELL alignment alternative.
- Confirm the mitigation approach with the project sponsor, USACE, SCDOT and project team.
- Refine a compensatory mitigation budget for the Project.
- Continue to monitor existing and pending mitigation banks that serve the SELL Project area.
- Schedule meetings with the Project team to discuss mitigation alternatives and schedule site visits to evaluate high priority tracts for conceptual PRM planning.
- Conduct site visits for reconnaissance as prioritized and recommended by the Project team.
- Discuss long-term stewardship opportunities for mitigation acreage with USFWS and SCDNR.

SCDOT

South Carolina Department of Transportation

1. How many days will be given for submitting a response? 21 days.
2. Do you have an anticipated project start date? As soon as a consultant is selected and a contract can be negotiated.
3. Do firms that respond to the RFP have to be pre-qualified with SCDOT to respond? Firms respond to the RFP we do not pre-qualify.
4. Are prior planning studies that have been completed for the project available to the public for review? If so, do you have a website where they are locate? Not at this time.
5. Would the scope of the solicitation include NEPA services only or would it include any engineering tasks? The scope includes the review of all studies applicable to an EIS.
6. Would the scope of the solicitation include hurricane evacuation modeling? No.
7. Since SCDOT is leading the procurement, will the contract for this scope be with SCDOT or Horry County? SCDOT.
8. Will there be a DBE requirement? Just a DBE Utilization Plan.

Request for Proposals Addendum 1
SCDOT Questions and Answers

NOTICE TO ALL CONSULTING ENGINEERING FIRMS

To all potential proposers:

Solicitation Number S-283-24
Environmental Impact Statement for the Proposed SC 22 Extension Project in Horry County, South Carolina

1. Page 2, last paragraph/Page 6 – Task 18 Supplemental activities – What Is envisioned as supplemental activities? This task is at the discretion of the USACOE and SCDOT. It may be necessary to have the 3rd party contractor perform an independent analysis.

2. Page 5, Task 6 – What is intended by the term "analysis" as it relates to the listed areas of technical information (i.e traffic analysis, hurricane evacuation analysis, etc.)? The supplemental data provided by SCDOT appears to contain analysis already completed by others for each of the items listed. Review to ensure all technical information is complete and recommend where additional work needs to be performed.

3. Page 4, Task 3/Page 6, Task 15 – What schedule has SCDOT anticipated for delivery of the EIS/ROD? 2026.

4. Page 11 – On page 1, it is noted that the consulting firm will serve as a contractor to the USACE and on page 4 it is noted in the project description that the solicitation is on behalf of Horry County. Please confirm that the language regarding current and former SCDOT employees is applicable to this solicitation. The language is still applicable.

5. General – The supplemental information provided by SCDOT included a Mitigation Needs Analysis document. What entity is responsible for the agency coordination, development and refinement of a compensatory mitigation plan for the project? This contract will not be responsible for developing the mitigation plan but will be responsible for developing/implementing the EIS agency coordination plan.